BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Kesimpulan dari studi dan penelitian yang dilakukan di proyek pembangunan Jogja City Mall, Sahid Jogja Lifestyle City dan Hartono Lifestyle Mall adalah sebagai berikut:

5.1.1. Penggunaan jasa tukang gali

Penggunaan jasa tukang gali pada pelaksanaan pekerjaan pembuatan lubang pondasi *bored pile* di Proyek Pembangunan Jogja City Mall menghasilkan kesimpulan yaitu:

a. Waktu normal : 23 jam, 45 menit, 22 *second*, 43 *milisecond*
   : 48 menit, 6 *second*, 5 *milisecond* (per m^3)
b. Waktu total : 24 jam, 15 menit, 4 *second*, 64 *milisecond*
   : 49 menit, 6 *second*, 19 *milisecond* (per m^3)
c. Biaya yang dibutuhkan
   i. Tukang gali : Rp 1.866.883,58
      : Rp 63.000,00 /m^3
   ii. Mandor : Rp 138.979,11
      : Rp 4.690,00 /m^3
d. Produktivitas biaya : Rp 67.690,00/m^3
e. Produktivitas waktu : 0,818 jam/m^3

5.1.2. Penggunaan mesin bor

Penggunaan mesin bor pada pelaksanaan pekerjaan pembuatan lubang pondasi *bored pile* di Proyek Pembangunan Sahid Jogja Lifestyle City dan Hotel Marriot Hartono Lifestyle Mall menghasilkan kesimpulan yaitu:

a. Waktu normal : 48 jam, 17 menit, 29 *second*, 77 *milisecond*
   : 7 menit, 35 *second*, 39 *milisecond* (per m^3)
b. Waktu total : 43 jam, 32 menit, 18 *second*, 43 *milisecond*
   : 6 menit, 56 *second*, 22 *milisecond* (per m^3)
c. Biaya yang dibutuhkan
   i. Operator : Rp 1.020.432,46
      : Rp 2.709,71 /m^3
   ii. Tracker : Rp 353.749,92
      : Rp 939,37 /m^3
   iii. Sewa alat : Rp 153.125.000,00
      : Rp 407.834,54 /m^3
   iv. Servis alat : Rp 435.384,51
      : Rp 1.156,14 /m^3
   v. Bahan bakar : Rp 11.537.689,62
      : Rp 30.637,83 /m^3
d. Produktivitas biaya : Rp 443.277,60/m^3
e. Produktivitas waktu : 0,116 jam/m^3

Dari produktivitas waktu yang diperoleh terlihat bahwa penggunaan mesin bor untuk pembuatan lubang pondasi *bored pile* menghasilkan produktivitas

waktu yang lebih besar dari penggunaan jasa tukang gali. Perbedaan produktivitas waktu ini disebabkan karena perbedaan metode yang digunakan pada proyek tersebut. Pada Proyek Pembangunan Sahid Jogja Lifestyle Mall dan Hotel Marriot Hartono Lifestyle Mall metode yang digunakan untuk melaksanakan pekerjaan pembuatan lubang *boredpile* adalah mesin bor, sedangkan pada Proyek Pembangunan Jogja City Mall adalah jasa tukang gali. Perbedaan tenaga penggali antara kedua metode ini juga merupakan faktor yang mempengaruhi perbedaan produktivitas waktu. Pada penggunaan mesin bor seperti pada Proyek Pembangunan Sahid Jogja Lifestyle Mall dan Hartono Lifestyle Mall produktivitas waktu rata-rata yang dihasilkan adalah 0,116 jam/m^3, sedangkan pada penggunaan jasa tukang gali seperti pada Proyek Jogja City Mall produktivitas waktu yang dihasilkan adalah 0,818 jam/ m^3. Produktivitas waktu yang dihasilkan dari penggunaan mesin bor sekitar 7 kali lipat dari pekerjaan yang menggunakan tukang gali.

Dari sisi biaya, penggunaan mesin bor pada Proyek Pembangunan Sahid Jogja Lifestyle Mall dan Hotel Marriot Hartono Lifestyle Mall menghabiskan biaya rata-rata sebesar Rp 443.277,595 /m^3, dan penggunaan jasa tukang gali pada Proyek Pembangunan Jogja City Mall sebesar Rp 67.690,00/m^3. Perbedaan biaya yang harus dikeluarkan antara kedua metode adalah Rp 375.587,595/m^3. Selisih biaya yang drastis ini disebabkan pada penggunaan mesin bor banyak biaya yang harus dikeluarkan untuk biaya alat (sewa alat, servis alat, dan bahan bakar) dan upah pekerja (*operator* dan *tracker*). Pada penggunaan jasa tukang gali biaya yang dikeluarkan hanya upah pekerja saja (mandor dan tukang gali).

Kedua metode yang diamati oleh penulis juga memiliki kelebihan dan kekurangannya masing-masing. Pada penggunaan mesin bor kedalaman lubang yang diinginkan jauh lebih fleksibel, dan dapat dikerjakan dalam waktu yang lebih singkat. Pada penggunaan tukang gali biaya yang dikeluarkan lebih sedikit namun kedalaman lubang yang diinginkan kurang fleksibel karena keterbatasan tenaga manusia.

5.2. Saran

Dengan memperhatikan kendala yang timbul saat pengamatan di lapangan atau saat pengolahan data, peneliti ingin memberikan saran yang mungkin dapat membantu di penelitian selanjutnya.

Saran bagi para peneliti:

1 Setelah melakukan pengamatan atau pengambilan data di lapangan lakukan juga wawancara dengan lengkap berupa identitas dan pengalaman operator mesin bor dan tukang gali di proyek yang di amati.

2 Ikuti terus perkembangan pekerjaan pondasi di proyek yang akan ditinjau karena sering ada kemajuan atau kemunduran dalam jadwal pengerjaan di proyek. Hal ini sangat menghambat terutama jika jumlah pondasi yang akan dikerjakan hanya tinggal sedikit.

3 Pahami cara penentuan *rating* karena ada kemungkinan dalam pekerjaan satu buah *bored pile* dikerjakan oleh operator atau tukang yang berbeda. Perbedaan operator mesin atau tukang yang melakukan pekerjaan akan mempengaruhi *rating* pekerjaan yang kita tetapkan.

Saran bagi pelaksana proyek:

1 Operator mesin bor akan sangat mempengaruhi kecepatan pengerjaan galian. Tidak jarang peneliti temui saat pengamatan di lapangan operator yang baru belajar menggunakan mesin bor. Selain mempengaruhi kecepatan pengerjaan galian juga berpengaruh pada keawetan alat itu sendiri. Operator yang terlatih dapat mengoperasikan alat dengan baik tidak sekasar operator yang baru belajar.

2 Pasokan semen untuk mengecor lubang *bored pile* yang dibuat juga perlu diperhatikan. Keterlambatan datangnya semen dapat menyebabkan pekerjaan galian pondasi terhenti.Lubang yang baru dibuat tidak boleh dibiarkan terlalu lama terlebih jika tanah di lokasi pembangunan adalah tanah pasir.

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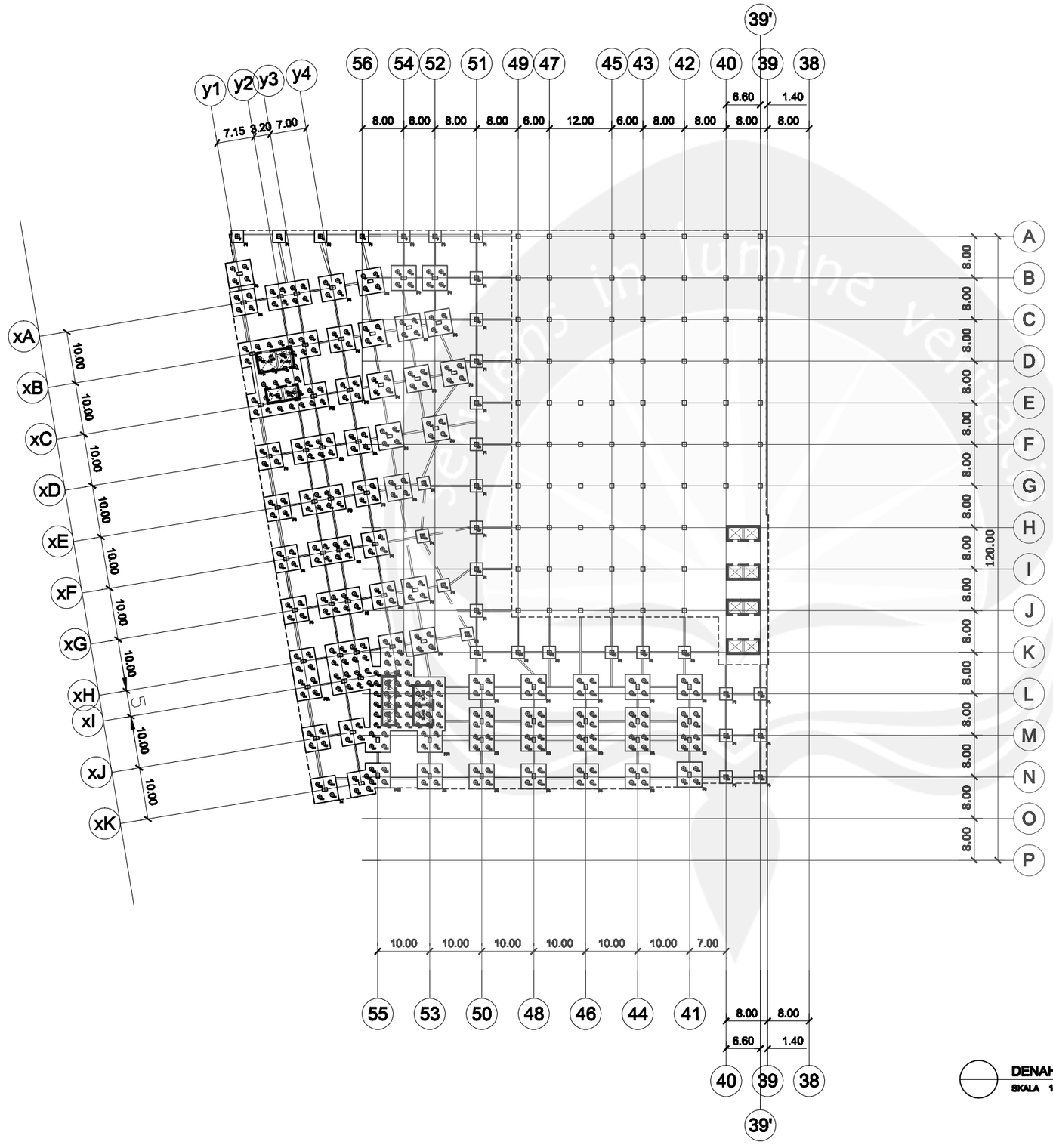

DENAH LAY OUT PONDASI
SKALA 1 : 100

CATATAN :

Mutu Bahan:

Pilecap dan Raft Beton :
Beton : K-300, fc' = 249 Kg/cm2
Balok, Tangga :
Beton : K-300, fc' = 249 Kg/cm2
Kolom, Corewall:
Beton : K-400, fc' = 350 Kg/cm2
Besi : d < 10mm, Polos, U-24, Fy=2400 Kg/cm2
d >= 10mm, Ulir, U-39, Fy=3900 Kg/cm2
Mutu Baja : ST-37 Fu = 3700 Kg/cm2 Fy 2400 Kg/cm2
Mutu Baut : A-325N Fub 7364 Kg/cm2 Fyb 5696 Kg/cm2
Mutu Angkur : U-39 Fy 3900 Kg/cm2
Mutu Las : E70xx Fuw 5063 Kg/cm2 Fyw 4219 Kg/cm2

NO	PERBAIKAN	TGL	PARAF

OWNER

PROYEK

Hotel Marriot Hartono Lifestyle Mall
[redacted]

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architect

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DR.Ir. Nathan Madutujuh, MSc.
SIBP No 1037/P/K-A/DPPB/I-2012

JUDUL GAMBAR

DENAH PONDASI HOTEL MARRIOT

SKALA : 1 : 100 A1	DIGAMBAR :	ENG	TGL	11-12-13
	DIPERIKSA :	NTH	TGL	11-12-13
	DISETUJUI :	NTH	TGL	11-12-13
DISETUJUI PEMILIK :			TGL	
DI KELUARKAN UNTUK :		KODE	NO. GAMBAR	
FOR CON				
TANGGAL	11-12-13			

PILECAP:

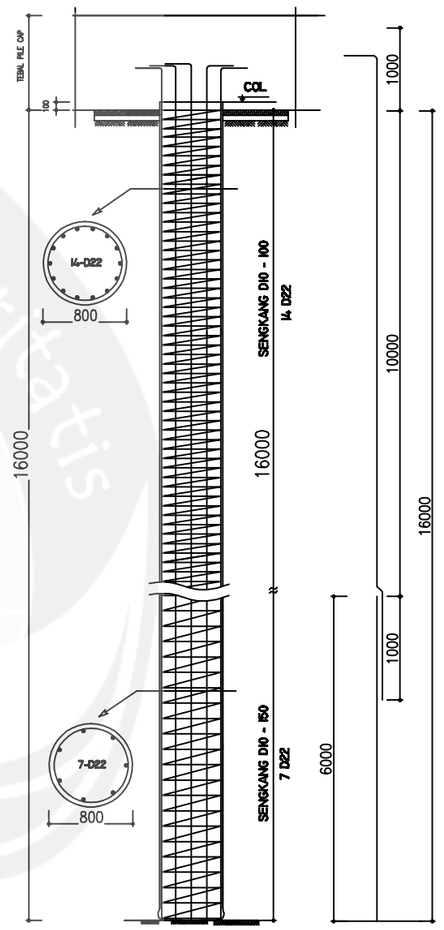
NO	BORED PILE	BORED PILE	DIMENSI (cm)	TULANGAN ATAS	TULANGAN BAWAH
1	TYPE P1	D80	240x240x120	D19-200	D22-100
2	TYPE P4	D80	480x480x150	D19-200	D22-100
3	TYPE P8	D80	480x880x160	D22-200	D25-100
4	TYPE P8A	D80	480x980x160	D22-200	D25-100
5	TYPE P8A	D80	SHAPEDx160	D22-200	D25-100
6	TYPE P36	D80	SHAPEDx200	D22-200	D25-100
7	TYPE P74	D80	SHAPEDx200	D25-200	D32-100

BORED PILE:

NO	BORED PILE	DIMENSI (cm)	KEDALAMAN PILE (m)	TEBAL PILECAP (cm)	C.O.L (cm)	ELV. EXISTING
1	TYPE P1	D80	18 M	P1 = 120	1800 - 120+10 = 1690	1030 + 120-10 = 1140
2	TYPE P4	D80	18 M	P4 = 150	1800 - 150+10 = 1660	1030 + 120-10 = 1140
3	TYPE P8	D80	18 M	P8 = 160	1800 - 160+10 = 1650	1030 + 150-10 = 1170
4	TYPE P8A	D80	18 M	P8A = 160	1800 - 160+10 = 1650	1030 + 150-10 = 1170
5	TYPE P8B	D80	18 M	P8B = 160	1800 - 160+10 = 1650	1030 + 150-10 = 1170
6	TYPE P36	D80	18 M	P36 = 200	1800 - 200+10 = 1610	1030 + 150-10 = 1170
7	TYPE P74	D80	18 M	P86 = 200	1800 - 200+10 = 1610	1030 + 160-10 = 1170

KEDALAMAN BOREDPILE

NO	BORED PILE	DIMENSI (cm)	KEDALAMAN PILE (m)	KAPASITAS TIANG	JUMLAH TIANG
1	TYPE P1	D80	18 M	.....TON	32 TITIK
2	TYPE P4	D80	18 M	.....TON	160 TITIK
3	TYPE P8	D80	18 M	.....TON	80 TITIK
4	TYPE P8A	D80	18 M	.....TON	8 TITIK
5	TYPE P8A	D80	18 M	.....TON	8 TITIK
6	TYPE P36	D80	18 M	.....TON	36 TITIK
7	TYPE P74	D80	18 M	.....TON	74 TITIK
				JUMLAH	396 TITIK



DETAIL BORED PILE D80
SKALA 1 : 100

CATATAN :

Mutu Bahan:

Pilecap dan Raft Beton :
Beton : K-300, fc' = 249 Kg/cm2
Balok, Tangga :
Beton : K-300, fc' = 249 Kg/cm2
Kolom, Corewall:
Beton : K-400, fc' = 350 Kg/cm2
Besi : d < 10mm, Polos, U-24, Fy=2400 Kg/cm2
d >= 10mm, Ulir, U-39, Fy=3900 Kg/cm2
Mutu Baja : ST-37 Fu = 3700 Kg/cm2 Fy 2400 Kg/cm2
Mutu Baut : A-325N Fub 7384 Kg/cm2 Fyb 5696 Kg/cm2
Mutu Angkur : U-39 Fy 3900 Kg/cm2
Mutu Las : E70xx Fuw 5063 Kg/cm2 Fyw 4219 Kg/cm2

NO	PERBAIKAN	TGL	PARAF

OWNER

PROYEK
Hotel Marriot Hartono Lifestyle Mall

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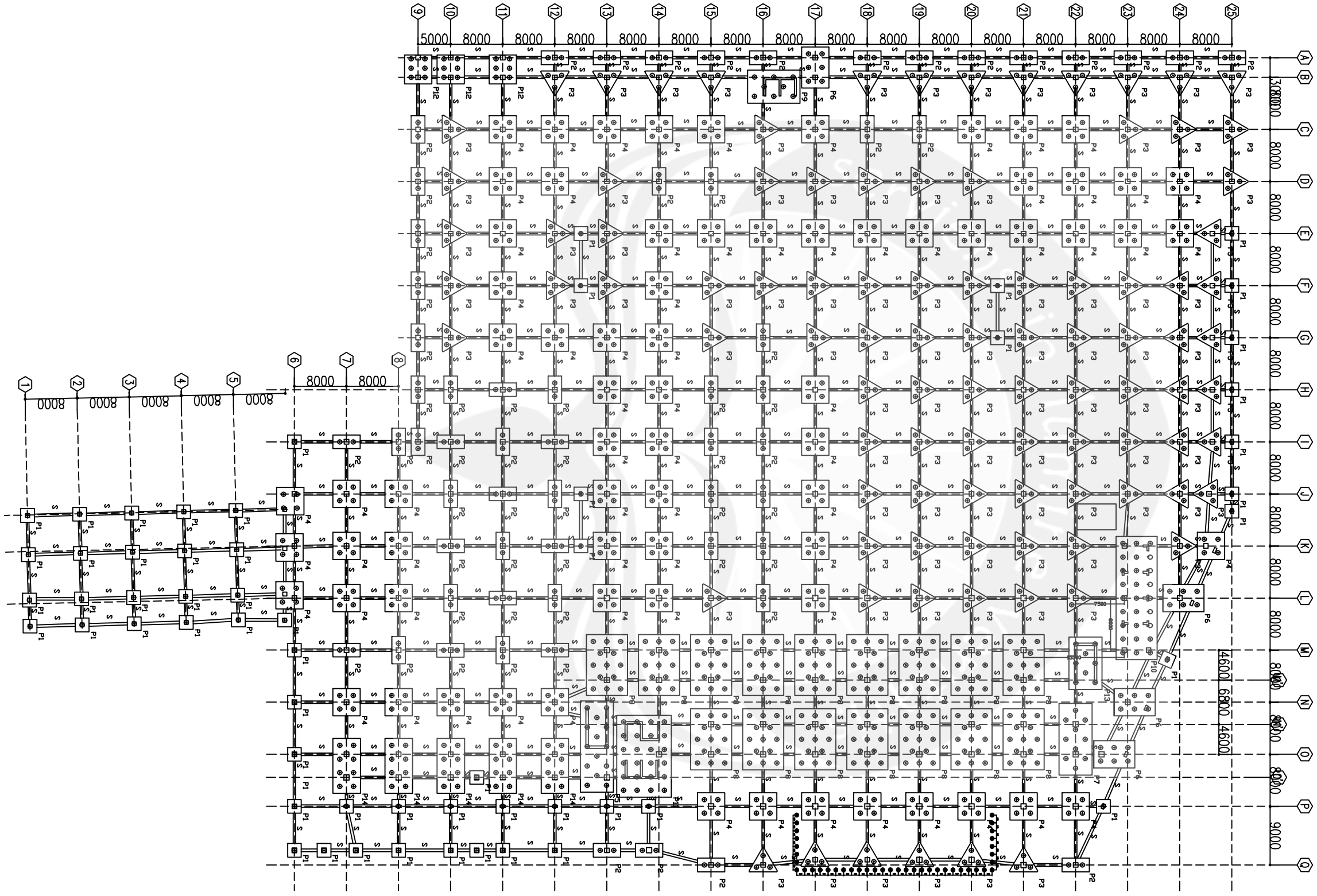
DR.Ir. Nathan Madutujuh, MSc.
SIBP No 1037/P/K-A/DPPB/I-2012

JUDUL GAMBAR
TABEL PONDASI HOTEL MARRIOT

SKALA : 1 : 100 A1	DIGAMBAR :	ENG	TGL	11-12-13
	DIPERIKSA :	NTH	TGL	11-12-13
	DISETUJUI :	NTH	TGL	11-12-13
DISETUJUI PEMILIK :			TGL	
DI KELUARKAN UNTUK :		KODE	NO. GAMBAR	
FOR CON				
TANGGAL	11-12-13			

CATATAN:
1. BORED PILE BP-80, L=18M
2. TULANGAN 14-D22, SENGKANG D10-100/150
3. JUMLAH BORED PILE BP=2.48, TEBAL PILECAP=1.20M
4. MUTU BETON K-350 DENGAN SLUMP 10±2
5. UNTUK SAMBUNGAN TULANGAN HARAP DI PERHATIKAN JARAK SENGKANG MENJADI D10-100



DENAH PONDASI
SCALE 1 : 650

NOTES

MUTU BETON PILECAP,BOREDPILE, RETWALL :
K-300
MUTU BETON BALOK, PELAT, TANGGA :
K-300
MUTU BETON KOLOM, SHEARWALL :
K-400
MUTU TULANGAN :
ø<10mm, U24 (POLOS)
D>10mm, U39 (DEFORMED)
D=10mm, U39 (DEFORMED)
SEMUA UKURAN DALAM MILIMETER
SEMUA ELEVASI DALAM METER
SEMUA UKURAN BESI TULANGAN DALAM MILIMETER

NO	REVISION	DATE	SIGN

PROJECT TITLE :

JOGJA CITY MALL

OWNER :

PT.GARUDA MITRA SEJATI

ARCHITECT CONSULTANT :

ME CONSULTANT :

STRUCTURAL CONSULTANT :

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Lisensi S.I.B.P

DR.Ir. Nathan Mardatajah, Mlle.
SIBP No 1057/P/K-A/DPPR/I-2012

DRAWING TITLE :

DENAH PONDASI

SCALE 1 : 650 A3	DRAWN	-	DATE	
	CHECK	-	DATE	
	APPROVED	NTH	DATE	

ISSUE FOR :	DRAWING CODE	DRAWING NO
	ST	--
DATE 04-03-13		

NOTES

MUTU BETON PILECAP,BOREDPILE, RETWALL :
K-300
MUTU BETON BALOK, PELAT, TANGGA :
K-300
MUTU BETON KOLOM, SHEARWALL :
K-400
MUTU TULANGAN :
ø<10mm, U24 (POLOS)
D>10mm, U39 (DEFORMED)
D=10mm, U39 (DEFORMED)
SEMUA UKURAN DALAM MILIMETER
SEMUA ELEVASI DALAM METER
SEMUA UKURAN BESI TULANGAN DALAM MILIMETER

NO	REVISION	DATE	SIGN

PROJECT TITLE :

JOGJA CITY MALL

OWNER :

PT.GARUDA MITRA SEJATI

ARCHITECT CONSULTANT :

ME CONSULTANT :

STRUCTURAL CONSULTANT :

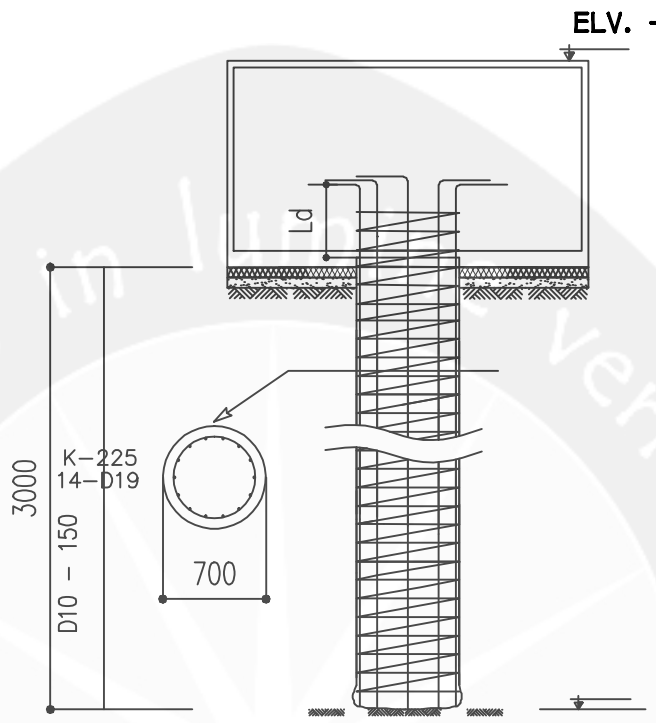
PT. ANUGRAH MULTI CIPTA KARYA

Lisensi S.I.B.P

DRAWING TITLE :

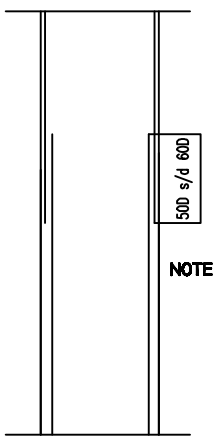
DETAIL BORED PILE D700

SCALE 1 : 50 A3	DRAWN	-	DATE
	CHECK	-	DATE
	APPROVED	NTH	DATE
ISSUE FOR :		DRAWING CODE	DRAWING NO
		ST	--
DATE	04-03-13		

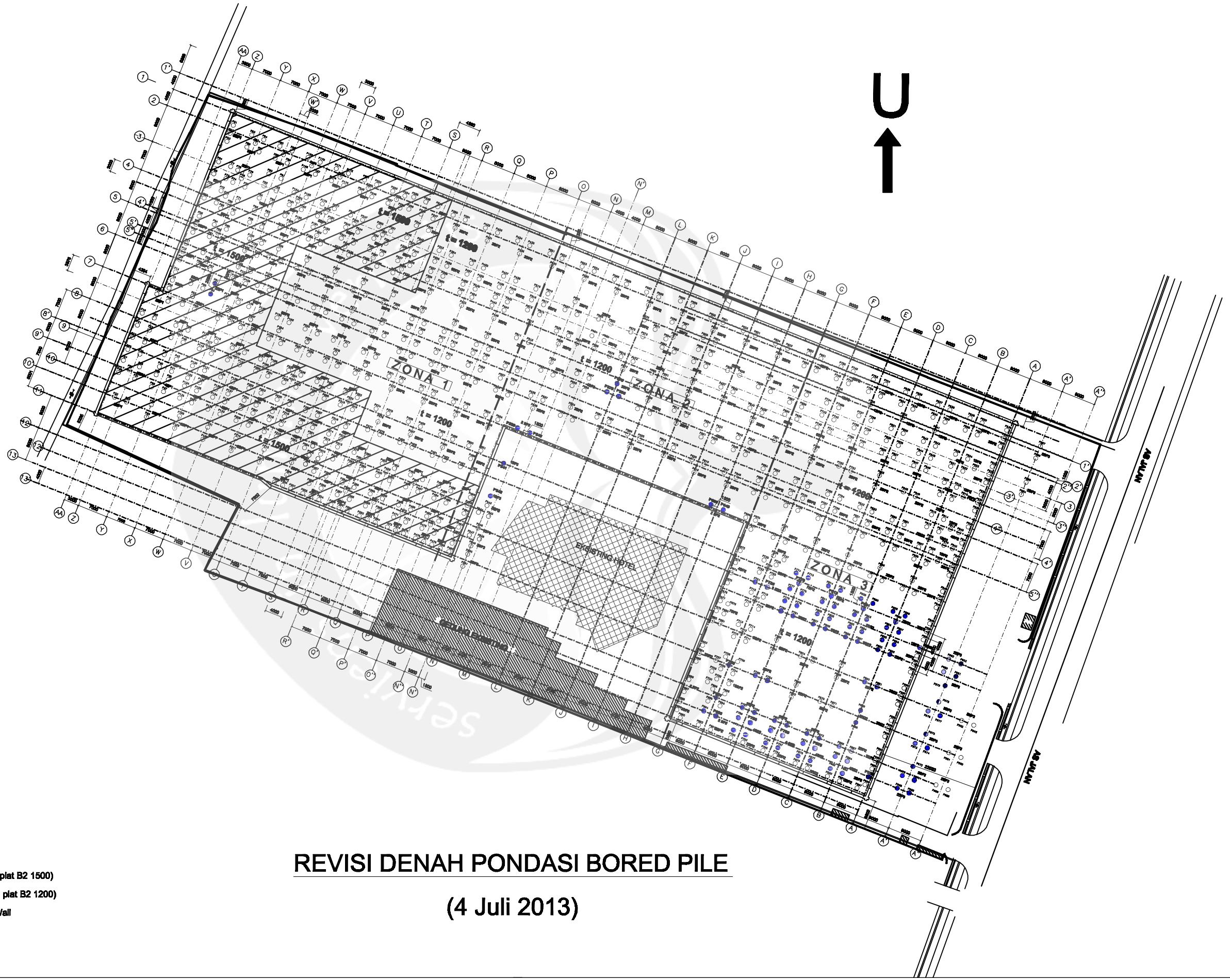


AS 7J, 8J, 7K, 8K, 7L, 8L,
AS 7N, 8N, 10N, 11N, 12N
AS 7O, 8O, 10O, 11O, 12O
AS 7O', 8P, 10P, 11P, 12O'

DETAIL BORED PILE D700
SCALE 1 : 50



NOTE : SAMBUNGAN TUL. DIBAWAH
SAMBUNGAN TUL. BORED PILE 50D s/d 60D



CATATAN :

ZONA 1 = 500 Titik Bored Pile
41 panel D-Wall

ZONA 2 = 160 Titik Bored Pile
35 panel D-Wall

ZONA 3 = 333 Titik Bored Pile
31 panel D-Wall

TOTAL BORE PILE : 993 titik

Bored Pile 1 = Dalam Arsiran (tebal plat B2 1500)

Bored Pile 2 = Di Luar Arsiran (tebal plat B2 1200)

Bored Pile 3 = Di Luar Diaphragm Wall

REVISI DENAH PONDASI BORED PILE

(4 Juli 2013)

HAK CIPTA :
DILARANG MEMBUAT/MENGUMUMKAN/MENGAMBIL/MENGGUNAKAN SEBAGIAN ATAU SELURUH ISI DOKUMEN INI DALAM BENTUK APAPUN TANPA IZIN TERTULIS DARI PENCIPTA/PEMEGANG HAK CIPTA.

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NOTE:

* MUTU BORE PILE K = 250
  fc'= 22,5 MPa
* SLUMP 16 s/d 18 CM
* MUTU BESI D≥10 BJTD 40
  D<10 BJTP 24
* ANGKUR
  BESI ø19 & ø29
  BJTP 24

DOKUMEN LELANG

PROJECT: SAHID Jogja Lifestyle City

OWNER: CMNP SAHID

CONSTRUCTION MANAGER: PT. CIPTA MANDIRI — Total Solution For Your Successful Construction

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STRUCTURE: Ir. IMANNULLAH AZIS, MAKI — SIBP : 0863/PPK-A/DPPB/IV-2011

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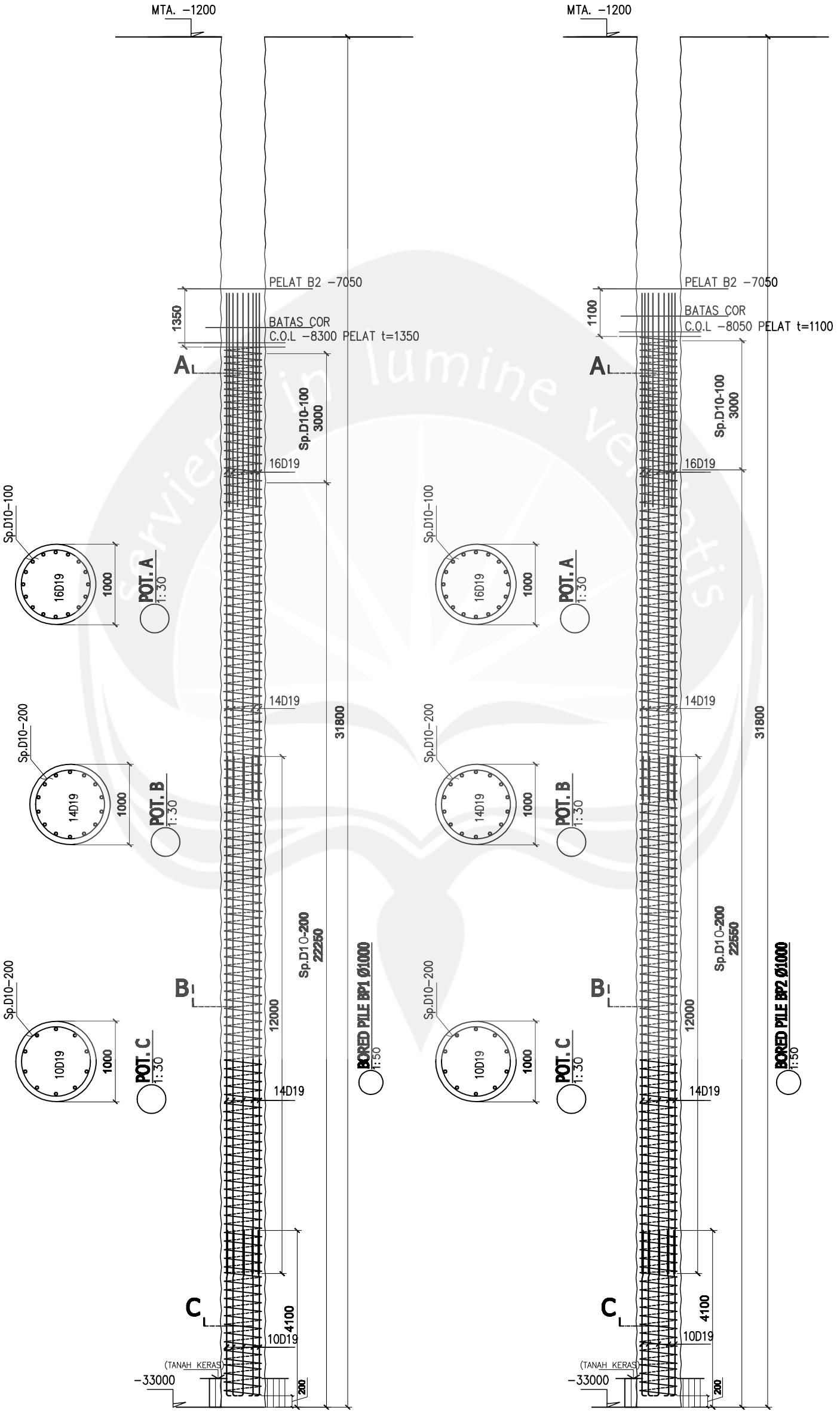
QUANTITY SURVEYOR: DES Quantity Surveyor — PT Daneta Estima Sarana, Jl. HOS. Cokroaminoto No. 69, Lt. 2, Menteng, Jakarta Pusat, 10310, Indonesia, Telp : +62 (21) 315 9457, Fax : +62 (21) 315 2053, Email : danetaestimasarana@yahoo.com, danetaestimasarana@ymail.com, www.deses.com

DRAWING TITLE: **DETAIL BORE PILE ZONA 1**

DRAWN BY	A & G
CHECKED	IR. IMANULLAH AZIS
APPROVED	IR. IMANULLAH AZIS
SCALE	
ISSUED FOR:	TENDER
DATE	25 FEBRUARI 2013
NO. REVISI	NO. GAMBAR: STR - 04A
	HOKMAL LEMBAR: -



TANGGAL : 28 Oktober 2013

WAKTU : 10:30

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE I)																								
Waktu persiapan									0	4	52	51	Waktu normal								0	2	32	11
Skill									-0.22				Consistency								-0.02			
Effort									-0.17				Algebraic sum								-0.48			
Condition									-0.07				Performance factor								0.52			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			13	98			0	89			4	87			0	81			1	41	0	5	14	47
2			10	35			1	65			4	6			0	67			2	8	0	0	18	81
3			13	92			1	6			3	20			0	53			2	22	0	0	20	93
4			14	9			2	21			5	27			0	22			2	58	0	0	24	37
5			22	78			2	20			6	93			1	46			3	92	0	0	37	29
6			11	96			1	5			6	89			1	15			4	61	0	0	25	66
7			15	53			2	27			8	84			0	31			3	29	0	0	30	24
8			15	13			2	93			8	44			1	5			5	42	0	0	32	97
9			13	1			2	80			7	57			1	51			5	28	0	0	30	17
10			13	53			1	66			3	27			1	18			5	1	0	0	24	65
11			8	90			3	53			2	19			1	24			4	30	0	0	20	16
12			9	58			1	44			7	16			2	20			5	66	0	0	26	4
13			9	9			1	57			1	65			2	24			6	93	0	0	21	48
14			10	81			1	71			7	82			2	34			4	11	0	0	26	79
15			14	87			2	16			7	93			1	5			5	20	0	0	31	21
16			13	51			2	16			10	72			2	11			6	44	0	0	34	94
17			15	55			3	74			8	71			1	23			6	3	0	0	35	26
18			12	46			3	8			9	55			1	40			5	11	0	0	31	60
19			12	7			3	30			10	65			2	29			5	34	0	0	33	65
20			14	34			3	93			8	73			2	51			6	73	0	0	36	24
21			16	21			3	75			4	23			2	46			4	72	0	0	31	37
22			21	14			4	25			7	68			2	65			3	64	0	0	39	36
23			24	47			3	76			7	21			3	56			3	65	0	0	42	65
24			18	20			4	96			9	50			2	28			4	10	0	0	39	4
25			17	82			2	97			7	80			3	60			5	72	0	0	37	91
26			17	29			3	8			6	51			3	93			3	16	0	0	33	97
27			15	63			4	1			6	2			2	66			5	52	0	0	33	84
28			15	25			5	36			6	34			2	53			4	36	0	0	33	84
29			15	44			4	81			3	10			2	84			3	32	0	0	29	51
30			13	42			6	88			7	25			3	72			6	43	0	0	37	70
31			15	15			4	43			6	2			3	5			3	69	0	0	32	34
32			16	64			7	82			9	18			4	64			3	44	0	0	41	72
33			12	90			3	60			5	55			4	27			3	47	0	0	29	79
34			19	86			4	85			11	1			4	3			4	49	0	0	44	24
35			21	15			5	85			22	16			3	16			5	89	0	0	58	21
36			23	33			5	51			7	91			5	18			6	76	0	0	48	69
37			20	71			4	76			8	94			7	18			6	93	0	0	48	52
38			19	31			4	6			8	90			4	8			6	5	0	0	42	40
39			19	1			3	44			7	86			4	62			8	32	0	0	43	25
40			18	52			3	1			12	26			3	15			6	44	0	0	43	38
41			16	25			4	45			9	51			3	7			7	64	0	0	40	92
42			16	4			6	26			8	33			3	13			7	37	0	0	41	13
43			7	87			6	14			9	36			5	81			6	64	0	0	35	82
44			10	65			3	34			10	52			3	9			6	8	0	0	33	68
45			13	66			4	2			7	22			3	48			7	81	0	0	36	19
46			13	20			4	22			9	64			5	38			4	96	0	0	37	40
47			8	65			5	66			10	40			6	20			5	55	0	0	36	46
48			10	91			5	31			1	32			4	37			5	24	0	0	27	15
49			10	27			5	55			10	0			4	9			4	35	0	0	34	26
50			13	37			3	2			10	17			3	1			4	49	0	0	34	6
51			12	35			2	38			7	76			3	52			5	37	0	0	31	38
52			16	65			4	16			9	87			6	87			6	62	0	0	44	17
53			15	13			3	49			10	53			7	29			4	35	0	0	40	79
54			15	87			4	85			12	65			4	2			3	28	0	0	40	67
55			8	19			6	85			6	25			3	21			3	18	0	0	27	68
56			8	3			7	74			7	67			4	94			5	32	0	0	33	70
57			10	50			6	1			7	36			3	36			6	86	0	0	34	9
58			11	53			5	72			8	49			5	21			4	51	0	0	35	46
59			12	51			8	8			8	83			5	65			4	52	0	0	39	59
60			21	66			9	97			10	91			6	68			6	77	0	0	55	99
61			16	69			11	3			6	77			4	97			5	77	0	0	45	23

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			7	24			4	93			8	2			5	48			2	80	0	0	28	47
63			12	48			11	92			5	48			4	71			4	81	0	0	39	40
64			10	61			6	4			7	1			5	37			3	79	0	0	32	82
65			12	45			4	43			8	64			5	98			5	34	0	0	36	84
66			7	6			3	16			9	63			8	59			5	36	0	0	33	80
67			7	62			2	63			13	72			9	21			6	57	0	0	39	75
68			12	33			10	12			7	68			4	31			5	78	0	0	40	22
69			14	91			4	40			8	41			6	64			4	49	0	0	38	85
70			14	75			8	85			5	85			3	88			7	65	0	0	40	98
71			19	37			3	68			9	34			4	10			5	83	0	0	42	32
72			11	74			6	85			8	12			5	76			8	71	0	0	41	18
73			35	49			4	85			10	8			7	58			6	85	0	1	4	85
74			17	71			5	37			10	35			7	67			8	91	0	0	50	1
75			24	49			5	38			13	97			3	70			5	9	0	0	52	63
76			29	28			5	97			9	6			7	31			7	16	0	0	58	78
77			16	83			5	20			11	60			5	52			7	35	0	0	46	50
78			20	66			8	74			11	21			4	92			6	88	0	0	52	41
79			16	18			5	33			10	84			4	69			6	39	0	0	43	43
80			16	58			5	71			8	25			6	72			5	7	0	0	42	33
81			17	36			5	87			7	68			8	8			6	69	0	0	45	68
82			26	72			6	96			9	1			8	13			6	87	0	0	57	69
83			10	21			5	14			9	25			7	80			7	90	0	0	40	30
84			41	58			7	9			9	54			6	51			6	82	0	1	11	54
85			37	51			5	67			10	65			5	94			5	73	0	1	5	50
86			11	9			6	8			9	52			6	22			6	52	0	0	39	43
87			17	21			5	58			9	41			5	21			7	22	0	0	44	63
88			18	55			4	75			9	51			4	67			6	10	0	0	43	58
89			20	78			5	53			7	42			5	15			5	42	0	0	44	30
90			16	67			5	36			6	70			5	20			7	70	0	0	41	63
91			21	89			4	14			5	22			4	37			7	86	0	0	43	48
92			13	52			5	55			8	48			7	0			6	5	0	0	40	60
93			20	24			4	84			22	26			6	67			7	1	0	1	1	2
94			25	67			5	48			10	82			4	51			8	3	0	0	54	51
95			15	69			4	57			8	22			4	8			7	50	0	0	40	6
96			18	36			4	28			10	88			4	2			7	43	0	0	44	97
97			11	53			4	52			6	99			6	64			6	41	0	0	36	9
98			10	31			3	45			6	58			5	89			7	86	0	0	34	9
99			17	54			5	52			9	93			4	99			5	81	0	0	43	79
100			14	13			6	75			5	87			7	28			6	15	0	0	40	18
101			16	61			6	40			4	87			5	76			4	4	0	0	37	68
102			15	25			5	25			8	1			7	52			4	73	0	0	40	76
103			21	76			4	60			5	23			11	75			5	56	0	0	48	90
104			18	31			5	30			7	41			11	75			5	29	0	0	48	6
105			22	32			6	74			4	48			9	52			4	93	0	0	47	99
106			12	39			7	50			4	92			8	34			4	55	0	0	37	70
Total	0	28	17	87	0	8	31	23	0	14	39	56	0	8	3	58	0	9	49	46	1	14	14	21
Mean	0	0	16	2	0	0	4	82	0	0	8	30	0	0	4	56	0	0	5	56	0	0	42	2
Skill	0.08				0				-0.05				-0.1				-0.22							
Effort	0.08				0				-0.04				-0.08				-0.17							
Condition	0.02				0				-0.03				-0.03				-0.07							
Consistency	0.01				0.01				0				0.03				0.03							
Algebraic sum	0.19				0.01				-0.12				-0.18				-0.43							
Performance factor	1.19				1.01				0.88				0.82				0.57							
Waktu normal	0	33	40	47	0	8	36	34	0	12	54	1	0	6	36	54	0	5	35	99	1	9	55	46

TANGGAL : 28 Oktober 2013
WAKTU : 11:45

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE II)																								
Waktu persiapan									0	3	21	90	Waktu normal								0	3	5	75
Skill									-0.05				Consistency								0.01			
Effort									-0.04				Algebraic sum								-0.08			
Condition									0				Performance factor								0.92			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			12	62			2	23			7	52			1	12			13	7	0	3	58	46
2			18	81			2	43			8	46			1	31			2	53	0	0	33	54
3			10	51			1	34			9	57			1	41			2	51	0	0	25	34
4			12	76			3	72			6	52			1	23			3	26	0	0	27	49
5			8	53			2	66			8	71			0	98			3	48	0	0	24	36
6			14	54			2	33			14	54			0	88			6	54	0	0	38	83
7			10	52			1	46			9	21			0	97			1	39	0	0	23	55
8			15	86			1	3			7	21			0	79			1	94	0	0	26	83
9			8	55			1	76			7	43			0	94			1	48	0	0	20	16
10			13	31			3	81			8	10			0	86			1	0	0	0	27	8
11			5	34			3	81			7	23			1	99			2	70	0	0	21	7
12			11	77			3	73			5	82			1	62			2	4	0	0	24	98
13			8	32			4	73			5	87			2	1			3	16	0	0	24	9
14			12	70			2	0			5	25			2	31			3	28	0	0	25	54
15			3	67			3	81			4	52			2	5			3	75	0	0	17	80
16			16	65			4	4			6	34			2	15			3	41	0	0	32	59
17			12	41			2	30			4	33			2	51			3	23	0	0	24	78
18			14	51			3	76			4	32			2	51			3	21	0	0	28	31
19			15	76			4	53			11	39			2	83			1	40	0	0	35	91
20			8	92			3	34			6	51			2	17			2	62	0	0	23	56
21			18	17			3	9			7	46			1	57			3	97	0	0	34	26
22			17	41			3	25			6	59			2	81			1	69	0	0	31	75
23			11	26			2	71			9	13			2	48			3	57	0	0	29	15
24			9	56			2	84			8	63			2	70			2	81	0	0	26	54
25			11	66			11	34			4	69			1	73			1	75	0	0	31	17
26			10	70			3	81			7	49			2	84			2	55	0	0	27	39
27			20	48			3	23			3	23			3	23			3	34	0	0	33	51
28			6	18			20	31			4	6			3	12			2	22	0	0	35	89
29			3	54			13	59			5	6			2	73			1	73	0	0	26	65
30			3	95			10	90			5	96			4	0			1	24	0	0	26	5
31			3	18			12	83			3	32			7	94			2	7	0	0	29	34
32			3	64			10	39			3	31			8	26			4	4	0	0	29	64
33			9	71			8	38			1	43			4	33			8	49	0	0	32	34
34			12	48			11	92			5	48			4	81			4	82	0	0	39	51
35			12	45			4	43			8	64			5	98			5	34	0	0	36	84
36			12	53			10	12			7	68			4	31			5	28	0	0	39	92
37			19	37			3	68			9	34			4	10			5	83	0	0	42	32
38			11	34			4	37			6	55			3	4			4	37	0	0	29	67
39			11	59			5	9			4	89			3	26			4	16	0	0	28	99
40			16	17			8	63			3	72			2	66			3	18	0	0	34	36
41			13	15			3	6			6	80			5	15			4	81	0	0	32	97
42			7	45			2	53			7	66			3	30			1	67	0	0	22	61
43			11	76			5	50			6	13			9	47			3	59	0	0	36	45
44			9	90			4	54			5	31			10	35			5	87	0	0	35	97
45			12	0			5	4			5	43			3	95			4	17	0	0	30	59
46			12	56			4	49			7	33			3	75			3	21	0	0	31	34
47			15	87			3	78			8	8			3	9			2	87	0	0	33	69
48			13	24			4	48			6	46			5	40			4	43	0	0	34	1
49			14	49			4	72			7	32			3	71			4	1	0	0	34	25
50			13	19			3	74			10	87			2	32			3	42	0	0	33	54
51			10	53			4	42			10	43			2	86			4	28	0	0	32	52
52			11	61			2	58			9	3			4	36			4	2	0	0	31	60
53			16	38			4	81			5	90			3	0			3	76	0	0	33	85
54			9	3			3	49			6	71			3	53			4	81	0	0	27	57
55			8	48			3	95			6	82			4	73			3	48	0	0	27	46
56			14	65			4	10			6	99			4	91			4	36	0	0	35	1
57			12	9			3	2			5	76			3	35			4	33	0	0	28	55
58			16	60			4	77			7	81			3	63			4	45	0	0	37	26
59			8	43			3	31			7	43			3	97			4	21	0	0	27	35
60			8	25			4	79			9	28			4	61			3	69	0	0	30	62
61			9	44			5	21			8	39			4	32			4	23	0	0	31	59

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			12	46			5	37			8	57			4	72			4	31	0	0	35	43
63			12	67			6	92			5	96			4	14			4	44	0	0	34	13
64			13	1			4	99			6	87			4	98			4	93	0	0	34	78
65			16	5			5	40			8	51			3	76			5	17	0	0	38	89
66			13	79			6	63			7	56			4	36			4	85	0	0	37	19
67			11	95			3	83			7	3			4	59			3	90	0	0	31	30
68			9	17			3	94			7	84			4	88			3	44	0	0	29	27
69			12	44			4	24			7	33			4	43			4	14	0	0	32	58
70			10	70			4	84			7	26			3	53			4	42	0	0	30	75
71			13	34			5	99			6	38			5	46			4	37	0	0	35	54
72			14	88			6	30			8	83			4	41			4	37	0	0	38	79
73			11	66			4	56			9	21			3	99			6	51	0	0	35	93
74			10	62			6	30			9	21			3	98			4	32	0	0	34	43
75			11	22			5	76			8	72			4	89			5	2	0	0	35	61
76			10	77			4	91			8	82			5	2			4	32	0	0	33	84
77			7	64			4	96			8	61			5	95			4	44	0	0	31	60
78			9	28			3	9			11	43			7	70			3	44	0	0	34	94
79			18	48			6	42			10	43			3	58			3	74	0	0	42	65
80			18	44			12	1			8	64			8	17			3	44	0	0	50	70
81			14	25			5	71			7	80			8	6			3	72	0	0	39	54
82			29	30			4	64			11	0			4	45			3	44	0	0	52	83
83			30	86			5	37			9	95			5	23			3	67	0	0	55	8
84			12	61			8	7			10	85			7	2			3	85	0	0	42	40
85			43	26			6	1			8	87			5	70			3	39	0	1	7	23
86			22	87			5	64			9	36			9	9			3	74	0	0	50	70
87			18	99			6	40			7	29			5	7			4	34	0	0	42	9
88			16	8			5	38			8	88			7	98			3	81	0	0	42	13
89			14	22			4	88			8	58			7	28			4	13	0	0	39	9
90			8	36			7	91			4	84			6	35			4	92	0	0	32	38
91			21	64			6	35			8	29			5	99			3	87	0	0	46	14
92			6	42			6	63			5	93			6	80			4	78	0	0	30	56
93			16	57			5	44			8	64			7	37			5	37	0	0	43	39
94			19	87			3	30			7	72			9	71			3	33	0	0	43	93
95			28	65			5	88			8	7			7	77			4	89	0	0	55	26
96			21	8			4	92			7	21			5	36			3	50	0	0	42	7
97			22	9			5	61			8	83			4	77			1	93	0	0	43	23
98			20	22			4	38			11	13			4	68			2	88	0	0	43	29
99			20	99			4	88			11	20			9	68			3	64	0	0	50	39
100			20	19			9	3			10	42			5	17			4	3	0	0	48	84
101			31	45			5	55			9	87			7	73			4	90	0	0	59	50
102			21	60			6	12			10	43			4	91			5	71	0	0	48	77
103			24	47			3	29			9	39			9	26			5	47	0	0	51	88
104			24	68			4	63			11	92			5	53			4	15	0	0	50	91
105			17	27			4	46			11	26			5	82			5	17	0	0	43	98
106			27	89			3	1			10	92			6	74			4	78	0	0	53	34
107			13	8			4	3			9	12			6	28			3	93	0	0	36	44
108			20	26			8	4			9	85			5	43			2	71	0	0	46	29
109			18	40			6	25			9	93			5	53			3	64	0	0	43	75
110			10	88			5	29			10	35			5	65			3	99	0	0	36	16
111			17	75			9	53			9	63			5	59			4	31	0	0	46	81
Total	0	26	25	35	0	9	43	15	0	14	26	19	0	8	16	84	0	7	11	68	1	9	25	11
Mean	0	0	14	28	0	0	5	25	0	0	7	80	0	0	4	48	0	0	3	89	0	0	37	52
Skill	0.11				-0.1				-0.05				-0.05				0							
Effort	0.1				-0.08				-0.04				-0.04				0							
Condition	0.04				-0.03				0				-0.03				0							
Consistency	0.03				0				0.01				-0.02				0.03							
Algebraic sum	0.28				-0.21				-0.08				-0.14				0.03							
Performance factor	1.28				0.79				0.92				0.86				1.03							
Waktu normal	0	33	49	25	0	7	40	69	0	13	16	89	0	7	7	28	0	7	24	63	1	12	24	49

TANGGAL : 28 Oktober 2013
WAKTU : 13:25

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE III)																								
Waktu persiapan									0	2	7	40	Waktu normal								0	2	27	78
Skill									0.06				Consistency								0.03			
Effort									0.05				Algebraic sum								0.16			
Condition									0.02				Performance factor								1.16			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			9	51			0	94			8	67			3	21			2	68	0	2	32	41
2			10	12			0	82			7	39			2	37			1	30	0	0	22	0
3			10	47			1	19			11	62			2	8			1	95	0	0	27	31
4			13	78			2	52			6	68			2	63			1	7	0	0	26	68
5			9	60			2	9			8	37			1	96			1	72	0	0	23	74
6			11	41			1	55			5	73			3	34			2	36	0	0	24	39
7			9	61			1	24			5	70			1	72			2	53	0	0	20	80
8			9	88			0	84			7	39			2	37			2	71	0	0	23	19
9			14	41			1	27			8	32			4	5			2	36	0	0	30	41
10			23	13			1	24			6	57			2	62			2	68	0	0	36	24
11			13	75			2	41			7	99			2	18			1	56	0	0	27	89
12			13	98			2	20			7	87			1	35			2	5	0	0	27	45
13			9	50			1	40			5	14			3	48			1	98	0	0	21	50
14			29	17			1	51			3	84			2	0			1	51	0	0	38	3
15			16	56			2	46			6	26			4	31			1	14	0	0	30	73
16			14	72			1	41			5	32			2	71			2	11	0	0	26	27
17			15	79			1	8			2	47			3	56			1	88	0	0	24	78
18			17	83			2	19			7	77			2	25			3	92	0	0	33	96
19			17	73			2	32			7	78			2	51			2	48	0	0	32	82
20			27	20			2	92			6	53			7	52			3	25	0	0	47	42
21			13	83			2	34			1	89			6	41			2	15	0	0	26	62
22			15	15			1	60			1	99			6	52			1	64	0	0	26	90
23			20	79			2	42			5	9			1	4			2	51	0	0	31	85
24			17	56			2	86			7	32			2	24			2	71	0	0	32	69
25			14	62			3	52			6	61			3	38			3	67	0	0	31	80
26			11	66			3	85			8	49			2	8			3	13	0	0	29	21
27			13	64			3	79			7	53			2	87			3	45	0	0	31	28
28			11	32			2	65			7	28			2	23			3	29	0	0	26	77
29			14	68			2	74			7	80			3	30			1	59	0	0	30	11
30			15	48			1	38			7	50			2	23			2	24	0	0	28	83
31			19	20			1	95			10	41			2	34			3	63	0	0	37	53
32			11	33			1	49			9	1			1	32			3	63	0	0	26	78
33			9	8			2	82			10	26			1	96			4	15	0	0	28	27
34			13	3			4	44			6	84			1	95			4	81	0	0	31	7
35			11	34			2	32			6	32			1	88			3	49	0	0	25	35
36			10	61			2	65			8	64			1	79			2	25	0	0	25	94
37			17	22			2	92			6	53			2	92			4	76	0	0	34	35
38			15	29			2	34			6	64			2	8			4	63	0	0	30	98
39			22	58			3	80			9	14			1	81			5	36	0	0	42	69
40			19	85			4	48			6	88			3	39			3	56	0	0	38	16
41			11	11			1	82			8	95			2	69			3	32	0	0	27	89
42			17	34			2	19			10	38			2	9			2	65	0	0	34	65
43			16	92			1	98			9	42			1	42			1	43	0	0	31	17
44			17	88			6	19			9	13			3	25			2	14	0	0	38	59
45			14	38			2	52			8	45			2	1			3	57	0	0	30	93
46			13	13			1	50			8	63			2	61			4	40	0	0	30	27
47			21	64			6	63			4	89			2	15			2	39	0	0	37	70
48			18	72			5	43			3	54			2	16			3	29	0	0	33	14
49			6	91			4	9			7	41			3	12			4	51	0	0	26	4
50			9	62			4	42			10	12			3	61			3	51	0	0	31	28
51			16	99			3	85			6	6			4	15			3	59	0	0	34	64
52			10	23			3	76			5	23			3	77			4	13	0	0	27	12
53			11	15			3	55			7	51			2	81			4	44	0	0	29	46
54			12	28			2	41			7	80			3	38			5	5	0	0	30	92
55			12	48			2	71			9	10			2	26			4	77	0	0	31	32
56			14	51			2	89			7	89			2	89			5	68	0	0	33	86
57			20	0			4	42			7	72			3	65			5	24	0	0	41	3
58			12	93			2	21			6	78			3	55			4	32	0	0	29	79
59			12	40			4	9			7	48			3	41			4	64	0	0	32	2
60			13	29			7	68			7	14			4	9			4	66	0	0	36	86
61			10	79			2	79			8	31			2	83			5	14	0	0	29	86

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			14	12			3	67			9	41			3	21			4	96	0	0	35	37
63			12	70			1	99			6	67			3	72			5	31	0	0	30	39
64			9	99			3	34			5	84			2	74			4	42	0	0	26	33
65			12	54			4	24			7	80			4	67			4	68	0	0	33	93
66			11	95			3	9			6	23			5	89			4	79	0	0	31	95
67			11	83			4	18			8	98			3	23			5	33	0	0	33	55
68			12	89			2	91			8	20			4	28			4	97	0	0	33	25
69			9	86			5	49			8	86			3	98			4	55	0	0	32	74
70			11	39			5	26			6	77			2	52			4	81	0	0	30	75
71			12	18			2	73			6	86			5	37			5	51	0	0	32	65
72			10	74			4	16			6	98			2	41			5	45	0	0	29	74
73			11	75			2	58			7	40			3	5			3	80	0	0	28	58
74			9	57			4	92			6	85			4	55			4	97	0	0	30	86
75			11	81			2	18			7	56			3	51			4	99	0	0	30	5
76			8	83			4	56			6	66			2	19			4	8	0	0	26	32
77			17	66			4	14			10	1			4	55			3	77	0	0	40	13
78			11	9			4	52			8	67			4	23			3	48	0	0	31	99
79			11	70			4	54			9	51			2	74			4	90	0	0	33	39
80			10	29			3	38			5	7			3	3			3	57	0	0	25	34
81			13	4			4	95			7	53			2	82			4	88	0	0	33	22
82			10	51			4	19			7	31			4	73			4	56	0	0	31	30
83			17	61			4	30			11	25			3	81			3	95	0	0	40	92
84			18	81			5	31			5	31			4	77			3	99	0	0	38	19
85			19	4			5	1			8	31			4	38			3	91	0	0	40	65
86			14	84			6	32			7	39			3	33			4	60	0	0	36	48
87			12	33			5	50			5	35			5	79			4	70	0	0	33	67
88			4	52			6	35			7	31			5	52			2	19	0	0	25	89
89			15	7			5	12			1	28			4	70			4	77	0	0	30	94
90			19	30			6	97			1	77			4	96			4	52	0	0	37	52
91			12	8			6	79			7	41			5	30			3	24	0	0	34	82
92			10	86			7	81			7	65			6	8			3	24	0	0	35	64
93			8	7			7	15			7	60			3	2			3	71	0	0	29	55
94			9	98			4	15			10	53			4	66			4	28	0	0	33	60
95			9	31			5	50			6	29			4	31			4	72	0	0	30	13
96			8	9			8	65			6	49			7	9			3	14	0	0	33	46
97			10	20			7	7			6	2			4	91			4	48	0	0	32	68
98			9	24			7	28			6	5			5	18			4	30	0	0	32	5
99			12	81			8	97			9	39			5	9			5	24	0	0	41	50
100			13	66			6	74			4	56			5	40			5	24	0	0	35	60
101			28	70			8	21			7	42			7	41			4	31	0	0	56	5
102			16	51			9	72			6	79			7	51			5	39	0	0	45	92
103			13	4			9	83			7	55			8	22			4	15	0	0	42	79
104			14	52			11	81			7	27			10	41			4	27	0	0	48	28
Total	0	23	56	14	0	6	42	67	0	12	29	68	0	6	13	13	0	6	22	88	0	57	51	90
Mean	0	0	13	81	0	0	3	87	0	0	7	21	0	0	3	59	0	0	3	68	0	0	33	38
Skill	0.13				0.08				0				0.03				0.03							
Effort	0.12				0.08				0				0.02				0.02							
Condition	0.06				0.02				0				0.02				0							
Consistency	-0.02				0				0.01				-0.04				0.03							
Algebraic sum	0.29				0.18				0.01				0.03				0.08							
Performance factor	1.29				1.18				1.01				1.03				1.08							
Waktu normal	0	30	52	62	0	7	55	15	0	12	37	18	0	6	24	32	0	6	53	51	1	7	10	56

TANGGAL : 28 Oktober 2013
WAKTU : 9:01

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE IV)																								
Waktu persiapan									0	3	52	77	Waktu normal								0	3	3	89
Skill										-0.1			Consistency									0		
Effort										-0.08			Algebraic sum									-0.21		
Condition										-0.03			Performance factor									0.79		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			3	34			1	2			2	17			1	13			2	7	0	4	2	50
2			5	34			1	17			3	14			1	0			2	13	0	0	12	78
3			6	41			1	12			3	9			1	12			2	17	0	0	13	91
4			6	24			1	7			3	11			0	59			2	11	0	0	13	12
5			3	14			1	13			3	25			0	57			2	3	0	0	10	12
6			4	6			1	8			3	34			1	2			2	31	0	0	11	81
7			5	51			1	11			3	19			1	15			2	11	0	0	13	7
8			5	1			1	12			4	3			1	1			2	13	0	0	13	30
9			3	16			1	15			2	14			1	1			3	1	0	0	10	47
10			3	18			1	1			2	17			1	15			2	27	0	0	9	78
11			2	14			1	9			3	12			1	17			2	13	0	0	9	65
12			4	61			1	11			3	17			1	16			2	15	0	0	12	20
13			3	35			1	31			4	1			1	18			2	17	0	0	12	2
14			2	45			1	37			3	18			1	17			2	43	0	0	10	60
15			2	59			2	17			3	34			2	1			2	17	0	0	12	28
16			3	11			1	91			3	45			2	2			2	13	0	0	12	62
17			5	11			1	37			4	11			1	49			2	17	0	0	14	25
18			7	11			2	19			3	42			2	5			2	34	0	0	17	11
19			6	17			3	3			4	27			2	51			2	25	0	0	18	23
20			5	49			2	27			4	28			2	7			2	34	0	0	16	45
21			5	32			3	7			4	3			2	43			2	19	0	0	17	4
22			4	30			2	56			3	41			2	50			2	24	0	0	15	1
23			7	31			2	31			4	56			2	45			2	34	0	0	18	97
24			3	17			3	1			3	17			2	37			2	54	0	0	14	26
25			4	31			2	52			4	47			2	31			2	57	0	0	16	18
26			7	1			3	12			3	57			2	34			2	17	0	0	18	21
27			3	52			3	34			11	13			2	54			2	34	0	0	22	87
28			6	13			2	14			3	57			2	1			2	30	0	0	16	15
29			11	18			3	4			4	57			2	59			2	49	0	0	23	87
30			10	9			4	1			3	50			2	58			3	1	0	0	23	19
31			17	81			4	87			3	58			2	68			3	24	0	0	32	18
32			16	81			4	61			4	27			2	59			3	61	0	0	31	89
33			13	91			4	91			6	17			3	86			3	17	0	0	32	2
34			14	68			5	9			5	87			4	67			3	24	0	0	33	55
35			15	23			5	16			8	10			4	69			3	37	0	0	36	55
36			16	27			5	7			4	7			3	1			3	42	0	0	31	84
37			14	27			4	97			6	2			4	1			3	18	0	0	32	45
38			14	31			4	51			5	81			3	87			3	7	0	0	31	57
39			12	32			4	24			5	7			4	31			3	67	0	0	29	61
40			13	97			3	98			5	14			3	27			3	61	0	0	29	97
41			14	20			3	83			5	29			3	51			2	34	0	0	29	17
42			15	34			4	37			6	24			4	11			3	89	0	0	33	95
43			16	17			5	1			5	89			4	9			4	31	0	0	35	47
44			15	1			3	87			8	31			3	80			3	81	0	0	34	80
45			16	31			6	13			7	59			5	17			2	66	0	0	37	86
46			14	57			8	11			6	61			5	97			3	44	0	0	38	70
47			13	89			7	29			7	31			6	27			4	51	0	0	39	27
48			15	21			6	31			4	99			8	27			4	31	0	0	39	9
49			14	37			4	99			8	32			5	11			3	96	0	0	36	75
50			17	31			4	97			6	31			4	90			3	93	0	0	37	42
51			25	21			5	90			7	1			4	8			2	99	0	0	45	19
52			13	51			6	11			4	91			4	93			3	1	0	0	32	47
53			14	71			7	31			5	38			6	11			2	28	0	0	35	79
54			16	2			6	13			8	11			5	80			3	11	0	0	39	17
55			18	11			7	11			7	80			7	11			2	5	0	0	42	18
56			21	91			6	31			8	13			6	11			2	60	0	0	45	6
57			20	42			6	20			6	61			6	1			2	75	0	0	41	99
58			24	98			6	80			8	81			6	52			3	2	0	0	50	13
59			28	11			7	32			8	72			6	68			2	89	0	0	53	72
60			56	11			6	41			11	32			5	32			2	56	0	1	21	72
61			32	11			7	33			9	41			6	66			3	34	0	0	58	85

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			17	11			8	71			8	52			7	71			2	27	0	0	44	32
63			24	32			6	89			6	61			8	75			3	42	0	0	49	99
64			11	66			9	3			7	28			8	11			3	19	0	0	39	27
65			19	71			7	91			8	31			6	81			2	39	0	0	45	13
66			20	55			6	71			8	26			6	32			2	42	0	0	44	26
67			21	33			8	32			9	11			7	14			2	56	0	0	48	46
68			31	22			6	62			7	17			6	15			2	66	0	0	53	82
69			44	11			7	17			6	32			7	17			3	91	0	1	8	68
70			17	11			6	26			7	43			6	19			2	21	0	0	39	20
71			18	31			7	32			6	52			7	31			3	11	0	0	42	57
72			16	39			6	45			6	66			6	41			2	12	0	0	38	3
73			18	32			6	81			8	11			6	31			2	31	0	0	41	86
74			24	91			7	22			9	23			7	11			2	47	0	0	50	94
75			30	31			8	11			10	99			8	1			2	37	0	0	59	79
76			36	11			8	13			8	17			7	66			2	10	0	1	2	17
77			20	11			7	36			6	11			6	17			2	20	0	0	41	95
78			32	31			8	17			17	11			8	1			2	14	0	1	7	74
79			33	99			9	32			15	44			8	31			2	14	0	1	9	20
80			34	47			10	34			14	11			8	21			3	17	0	1	10	30
81			36	36			11	41			16	3			9	22			2	28	0	1	15	30
82			31	34			13	44			9	39			8	32			4	1	0	1	6	50
83			33	46			10	37			10	11			9	17			2	37	0	1	5	48
84			32	98			8	22			11	32			7	64			3	24	0	1	3	40
85			33	36			9	81			13	11			8	31			2	71	0	1	7	30
86			38	87			7	11			14	7			6	23			2	64	0	1	8	92
87			42	77			6	31			15	11			6	7			2	15	0	1	12	41
88			23	98			8	20			17	13			7	32			4	11	0	1	0	74
89			22	77			9	11			10	23			8	42			2	23	0	0	52	76
90			12	75			7	16			8	7			7	28			2	17	0	0	37	43
91			13	81			8	13			9	11			6	33			1	11	0	0	38	49
92			14	35			6	11			8	32			6	0			0	97	0	0	35	75
93			18	74			7	22			7	49			7	11			2	11	0	0	42	67
94			22	86			8	17			6	98			7	32			2	12	0	0	47	45
95			33	10			7	33			45	65			3	56			3	47	0	1	33	11
96			34	47			6	55			19	78			2	24			3	21	0	1	6	25
97			13	1			7	46			47	27			1	6			3	35	0	1	12	15
98			12	18			8	75			59	4			2	99			3	26	0	1	26	22
99			27	53			8	11			3	66			2	31			1	73	0	0	43	34
100			24	54			3	26			1	36			2	36			4	43	0	0	35	95
101			13	71			10	98			59	33			13	71			3	71	0	1	41	44
102			6	43			4	30			7	31			1	10			5	74	0	0	24	88
103			37	2			5	64			10	41			7	13			3	1	0	1	3	21
104			42	37			5	6			15	60			1	36			1	0	0	1	5	39
105			36	17			3	57			7	84			6	56			5	32	0	0	59	46
106			53	48			2	21			11	76			5	84			4	81	0	1	18	10
107			42	16			2	62			13	84			5	42			1	33	0	1	5	37
108			51	14			16	10			4	58			3	99			0	81	0	1	16	62
109			29	92			2	61			13	46			2	82			3	69	0	0	52	50
110		1	14	57			4	64			17	47			3	28			3	11	0	1	43	7
111		1	59	67			5	7			7	80			3	3			3	30	0	2	18	87
112			43	2			6	87			15	28			4	77			2	57	0	1	12	51
113			45	33			7	49			10	53			6	98			1	18	0	1	11	51
114			25	53			6	17			8	9			3	1			2	22	0	0	45	2
115			47	23			4	72			14	59			5	59			3	16	0	1	15	29
116			30	68			3	89			17	18			11	14			0	95	0	1	3	84
117			40	64			6	14			11	89			4	52			1	65	0	1	4	84
118			29	34			9	8			10	64			5	69			2	86	0	0	57	61
119		1	5	36			15	66			7	56			1	45			0	98	0	1	31	1
Total	0	42	32	37	0	11	5	4	0	18	8	98	0	9	18	70	0	5	24	38	1	30	22	24
Mean	0	0	21	45	0	0	5	59	0	0	9	15	0	0	4	69	0	0	2	73	0	0	45	57
Skill	-0.1				-0.16				-0.16				-0.1				0.08							
Effort	-0.08				-0.12				-0.12				-0.08				0.08							
Condition	-0.03				-0.07				-0.07				-0.03				0.04							
Consistency	-0.04				0				-0.04				0				0.04							
Algebraic sum	-0.25				-0.35				-0.39				-0.21				0.24							
Performance factor	0.75				0.65				0.61				0.79				1.24							
Waktu normal	0	31	54	28	0	7	12	28	0	11	4	28	0	7	21	37	0	6	42	23	1	7	18	33

TANGGAL : 28 Oktober 2013
WAKTU : 10:34

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE V)																								
Waktu persiapan									0	3	17	68	Waktu normal								0	3	17	68
Skill										0			Consistency									0		
Effort										0			Algebraic sum									0		
Condition										0			Performance factor									1		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			19	52			4	34			0	71			1	62			1	31	0	3	45	18
2			14	25			4	14			1	21			1	61			2	11	0	0	23	32
3			5	99			0	84			0	67			1	34			3	11	0	0	11	95
4			7	22			0	91			0	71			1	29			1	75	0	0	11	88
5			5	89			0	76			4	2			1	2			1	96	0	0	13	65
6			2	85			0	78			1	92			0	98			0	67	0	0	7	20
7			5	29			2	17			0	88			0	90			1	47	0	0	10	71
8			11	91			0	74			0	97			0	85			1	33	0	0	15	80
9			8	35			0	57			2	70			0	52			1	87	0	0	14	1
10			9	31			0	94			2	86			2	31			0	61	0	0	16	3
11			8	27			2	14			3	3			2	1			1	86	0	0	17	31
12			7	11			2	27			3	0			2	0			1	96	0	0	16	34
13			8	15			0	93			2	53			0	80			1	32	0	0	13	73
14			8	82			1	31			3	11			0	91			1	41	0	0	15	56
15			9	91			1	27			2	11			1	11			1	57	0	0	15	97
16			1	72			2	63			1	69			1	21			1	81	0	0	9	6
17			12	36			1	21			1	71			1	30			1	71	0	0	18	29
18			16	63			1	31			1	1			1	62			1	73	0	0	22	30
19			5	35			1	21			3	71			1	57			1	87	0	0	13	71
20			17	89			0	59			0	88			0	81			0	71	0	0	20	88
21			15	31			1	31			3	21			1	31			0	97	0	0	22	11
22			10	97			1	3			0	97			1	27			1	36	0	0	15	60
23			12	18			1	34			0	99			1	30			1	17	0	0	16	98
24			8	9			2	45			1	74			1	74			0	80	0	0	14	82
25			23	21			1	76			1	92			1	27			1	11	0	0	29	27
26			8	11			1	91			1	31			1	82			1	12	0	0	14	27
27			12	13			1	13			1	11			1	11			1	13	0	0	16	61
28			8	71			1	17			1	13			1	14			1	9	0	0	13	24
29			13	14			2	11			1	31			1	11			2	1	0	0	19	68
30			14	53			1	91			1	11			1	21			1	71	0	0	20	47
31			18	17			1	73			1	21			1	31			1	81	0	0	24	23
32			11	24			1	60			1	14			1	51			1	11	0	0	16	60
33			23	26			1	53			1	25			1	50			1	27	0	0	28	81
34			9	77			1	54			1	26			1	41			1	33	0	0	15	31
35			10	82			1	57			1	15			1	66			1	66	0	0	16	86
36			11	91			1	61			1	9			1	71			1	73	0	0	18	5
37			37	5			1	28			1	3			1	27			1	17	0	0	41	80
38			10	96			1	95			4	68			0	98			1	11	0	0	19	68
39			7	3			2	29			4	52			1	51			0	91	0	0	16	26
40			12	44			4	7			1	46			1	39			0	88	0	0	20	24
41			8	71			0	83			5	57			1	18			0	86	0	0	17	15
42			7	79			3	19			4	28			1	20			0	77	0	0	17	23
43			6	11			0	70			4	81			1	30			1	12	0	0	14	4
44			8	4			1	21			4	1			1	21			1	17	0	0	15	64
45			6	93			1	32			3	11			1	27			0	98	0	0	13	61
46			8	93			1	31			3	17			1	27			0	97	0	0	15	65
47			7	21			0	99			3	97			1	31			0	98	0	0	14	46
48			6	31			0	83			4	18			1	26			1	21	0	0	13	79
49			5	71			0	97			3	97			1	56			1	41	0	0	13	62
50			4	28			0	99			2	47			1	31			1	21	0	0	10	26
51			14	57			3	72			4	24			1	99			0	78	0	0	25	30
52			6	83			4	96			5	84			1	41			1	35	0	0	20	39
53			8	34			2	82			17	75			1	3			1	11	0	0	31	5
54			14	20			2	80			8	74			4	5			0	78	0	0	30	57
55			12	78			5	24			3	81			1	80			1	19	0	0	24	82
56			13	74			6	77			4	6			1	31			0	84	0	0	26	72
57			50	47			1	39			16	53			2	10			1	16	0	1	11	65
58			8	3			6	83			1	26			1	15			0	99	0	0	18	26
59			9	81			2	31			1	15			1	20			0	77	0	0	15	24
60			36	69			2	17			5	41			1	4			1	62	0	0	46	93
61			17	73			2	32			3	64			2	38			2	70	0	0	28	77

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			21	43			4	38			4	74			2	14			1	23	0	0	33	92
63			19	23			3	15			4	69			1	69			1	26	0	0	30	2
64			13	24			6	75			2	79			3	77			0	86	0	0	27	41
65			11	39			4	11			4	29			2	13			0	98	0	0	22	90
66			26	35			3	96			1	50			1	79			1	24	0	0	34	84
67			30	4			3	59			3	77			2	87			1	4	0	0	41	31
68			23	73			3	22			3	70			1	64			1	43	0	0	33	72
69			22	21			1	81			1	75			1	34			1	30	0	0	28	41
70			18	18			5	41			2	29			3	49			1	27	0	0	30	64
71			2	8			2	94			7	52			1	32			1	1	0	0	14	87
72			25	85			3	78			7	65			1	94			3	11	0	0	42	33
73			25	85			3	78			7	65			1	94			3	11	0	0	42	33
74			24	49			10	20			2	72			1	41			2	4	0	0	40	86
75			8	77			3	55			2	16			1	35			2	5	0	0	17	88
76			10	27			2	35			1	78			2	87			2	26	0	0	19	53
77			13	49			2	33			4	21			1	16			1	72	0	0	22	91
78			17	59			2	54			1	22			1	32			1	32	0	0	23	99
79			12	39			3	18			1	44			1	44			1	90	0	0	20	35
80			7	56			2	24			2	81			2	31			2	95	0	0	17	87
81			15	68			3	2			1	87			2	85			2	45	0	0	25	87
82			16	55			4	30			2	58			1	45			0	26	0	0	25	14
83			19	64			2	35			2	23			1	27			2	24	0	0	27	73
84			10	72			5	23			4	2			3	47			2	38	0	0	25	82
85			11	33			2	47			2	62			1	87			2	27	0	0	20	56
86			12	20			3	49			1	10			1	13			3	15	0	0	21	7
87			13	81			2	53			1	40			1	62			1	31	0	0	20	67
88			12	41			4	39			3	62			1	2			1	54	0	0	22	98
89			11	61			4	64			3	43			3	27			3	99	0	0	26	94
90			9	87			5	24			5	30			1	2			2	70	0	0	24	13
91			14	61			4	78			1	42			1	80			2	40	0	0	25	1
92			10	96			4	75			2	60			3	4			2	68	0	0	24	3
93			12	90			4	46			3	94			1	86			1	40	0	0	24	56
94			13	2			6	96			3	51			1	50			2	81	0	0	27	80
95			17	7			5	23			3	50			1	87			1	51	0	0	29	18
96			15	48			5	22			5	7			1	57			2	81	0	0	30	15
97			20	98			6	37			2	96			1	96			2	91	0	0	35	18
98			8	24			4	98			2	69			2	63			0	62	0	0	19	16
99			32	20			5	65			2	93			2	89			1	29	0	0	44	96
100			15	24			3	14			1	71			1	88			1	34	0	0	23	31
101			15	81			5	55			1	89			2	38			2	93	0	0	28	56
102			17	40			4	38			1	14			3	88			2	44	0	0	29	24
103			16	56			5	56			1	57			1	2			1	21	0	0	25	92
104			21	55			6	99			1	23			1	76			1	41	0	0	32	94
105			17	96			4	71			3	5			1	91			3	50	0	0	31	13
106			24	98			5	72			2	45			2	90			2	52	0	0	38	57
Total	0	24	31	95	0	5	15	40	0	5	23	50	0	2	57	38	0	2	49	71	0	44	15	62
Mean	0	0	13	89	0	0	2	98	0	0	3	5	0	0	1	67	0	0	1	60	0	0	25	5
Skill	0.13				0.15				0.15				0.15				0.15							
Effort	0.12				0.13				0.13				0.13				0.13							
Condition	0.04				0.06				0.06				0.06				0.06							
Consistency	-0.04				0				-0.04				0				0.04							
Algebraic sum	0.25				0.34				0.3				0.34				0.38							
Performance factor	1.25				1.34				1.3				1.34				1.38							
Waktu normal	0	30	39	94	0	7	2	64	0	7	0	55	0	3	57	69	0	3	54	20	0	55	52	70

TANGGAL : 31 Oktober 2013
WAKTU : 9:46

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE VI)																								
Waktu persiapan									0	0	27	29	Waktu normal								0	0	35	48
Skill									0.15				Consistency								-0.04			
Effort									0.13				Algebraic sum								0.3			
Condition									0.06				Performance factor								1.3			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			43	13			2	14			3	41			4	55			3	88	0	1	24	40
2			16	69			2	88			3	3			7	5			2	99	0	0	32	64
3			10	81			3	71			6	27			1	55			4	88	0	0	27	22
4			6	89			2	92			5	17			4	15			4	14	0	0	23	27
5			2	78			2	61			4	4			2	26			3	79	0	0	15	48
6			9	12			2	89			7	28			2	40			4	63	0	0	26	32
7			6	55			3	45			7	38			3	0			3	87	0	0	24	25
8			7	2			7	83			4	80			1	69			3	63	0	0	24	97
9			11	24			5	36			6	37			2	3			4	5	0	0	29	5
10			10	58			3	46			6	23			3	46			3	60	0	0	27	33
11			7	4			2	89			7	80			2	46			3	59	0	0	23	78
12			14	0			5	5			5	71			3	11			2	92	0	0	30	79
13			10	94			3	23			7	16			3	92			3	40	0	0	28	65
14			24	71			5	61			7	25			2	74			4	26	0	0	44	57
15			9	59			3	94			9	84			3	95			5	28	0	0	32	60
16			12	17			5	61			7	25			2	74			4	26	0	0	32	3
17			9	59			3	94			9	84			3	95			3	28	0	0	30	60
18			12	17			3	61			5	85			3	38			3	93	0	0	28	94
19			11	36			5	26			7	84			1	95			3	73	0	0	30	14
20			13	51			8	83			11	18			2	1			4	20	0	0	39	73
21			9	76			11	82			7	81			2	18			3	85	0	0	35	42
22			8	76			5	0			7	24			1	54			4	79	0	0	27	33
23			2	61			1	48			3	10			2	45			3	93	0	0	13	57
24			11	94			7	37			13	4			1	92			2	56	0	0	36	83
25			8	28			6	19			22	26			3	47			2	85	0	0	43	5
26			12	67			3	89			7	38			3	20			3	36	0	0	30	50
27			11	26			4	29			7	60			3	49			4	27	0	0	30	91
28			14	3			6	38			7	34			2	73			4	5	0	0	34	53
29			15	67			5	10			6	44			2	82			3	53	0	0	33	56
30			8	30			4	5			8	71			2	93			3	20	0	0	27	19
31			9	12			1	5			9	63			2	18			2	72	0	0	24	70
32			16	84			4	3			7	12			3	6			3	79	0	0	34	84
33			20	64			5	12			8	54			1	98			4	18	0	0	40	46
34			25	68			5	94			6	12			3	42			3	63	0	0	44	79
35			20	30			4	31			8	5			5	6			4	86	0	0	42	58
36			13	39			4	40			8	31			4	84			4	89	0	0	35	83
37			24	1			5	36			7	82			3	98			4	25	0	0	45	42
38			23	62			5	45			10	85			2	77			3	62	0	0	46	31
39			4	43			4	90			16	46			5	16			2	20	0	0	33	15
40			24	43			5	24			12	69			1	72			4	17	0	0	48	25
41			12	0			4	80			10	29			4	20			4	31	0	0	35	60
42			22	41			4	64			8	84			4	64			3	10	0	0	43	63
43			14	67			2	80			9	21			2	68			3	7	0	0	32	43
44			21	91			6	54			6	26			4	6			4	55	0	0	43	32
45			41	83			4	63			8	3			5	12			4	62	0	1	4	23
46			12	71			5	50			6	87			4	98			3	47	0	0	33	53
47			22	28			10	2			12	17			1	80			4	7	0	0	50	34
48			25	87			5	92			10	96			5	14			4	10	0	0	51	99
49			24	91			6	56			9	21			4	85			6	27	0	0	51	80
50			27	48			11	20			5	74			3	80			5	31	0	0	53	53
51			56	88			11	30			5	89			4	15			4	24	0	1	22	46
52			12	4			4	3			10	90			3	12			4	83	0	0	34	92
53			53	0			5	65			12	76			3	63			4	4	0	1	19	8
54			27	0			3	50			7	48			9	56			9	24	0	0	56	78
55			15	76			3	84			14	79			8	33			5	63	0	0	48	35
56			33	45			4	57			9	43			10	31			4	32	0	1	2	8
57			20	81			6	97			11	41			4	96			0	77	0	0	44	92
58			30	81			4	82			10	4			4	50			1	79	0	0	51	96
59			35	98			7	39			10	32			4	17			3	54	0	1	1	40
60			41	55			4	45			18	56			5	22			3	98	0	1	13	76
61		4	32	41			6	81			1	50			10	83			4	52	0	4	56	7

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			27	75			9	8			27	98			4	2			3	22	0	1	12	5
63			37	13			3	12			10	41			3	49			3	8	0	0	57	23
64			45	80			6	52			11	34			5	0			5	2	0	1	13	68
65			15	59			3	34			12	89			4	54			3	29	0	0	39	65
66			24	17			4	93			10	10			6	17			3	13	0	0	48	50
67			57	84			3	77			12	88			9	50			2	31	0	1	26	30
68			11	96			5	0			7	86			10	29			2	92	0	0	38	3
69			27	38			4	87			7	86			8	59			3	20	0	0	51	90
70			32	46			3	11			14	32			2	95			4	24	0	0	57	8
71			46	91			6	94			7	10			3	17			4	77	0	1	8	89
72			6	79			4	24			9	94			4	53			4	15	0	0	29	65
73			42	77			6	20			13	10			4	99			3	48	0	1	10	54
74			31	71			4	81			14	77			8	44			2	83	0	1	2	56
75			23	84			5	9			10	63			6	86			3	38	0	0	49	80
76			20	0			4	91			10	78			4	64			3	24	0	0	43	57
77			31	35			4	23			13	18			7	90			4	51	0	1	1	17
78			36	5			6	87			10	79			4	76			4	75	0	1	3	22
79			33	1			3	92			12	54			4	14			3	8	0	0	56	69
80			12	79			6	59			11	41			4	41			3	66	0	0	38	86
81			32	9			6	82			11	83			5	95			2	94	0	0	59	63
82			21	96			6	95			10	30			4	65			2	56	0	0	46	42
83			26	81			6	65			19	27			7	84			3	22	0	1	3	79
84			26	75			3	16			6	2			3	11			4	35	0	0	43	39
85			30	25			5	59			15	87			9	79			5	64	0	1	7	14
86			25	1			5	78			16	73			8	63			5	52	0	1	1	67
87			24	37			6	31			13	10			10	14			4	16	0	0	58	8
88			23	48			7	72			22	91			6	77			3	93	0	1	4	81
89			42	42			11	22			15	34			11	19			5	65	0	1	25	82
90			17	66			6	71			14	32			5	22			6	46	0	0	50	37
91			25	50			8	18			13	97			6	75			4	33	0	0	58	73
92			39	20			7	17			11	21			8	14			3	2	0	1	8	74
93			31	86			8	14			17	24			7	19			4	11	0	1	8	54
94			25	65			6	23			16	31			7	31			3	26	0	0	58	76
95			31	71			5	77			14	71			16	31			5	33	0	1	13	83
96			20	67			5	35			18	62			8	91			4	47	0	0	58	2
97			26	1			5	41			11	41			9	31			7	41	0	0	59	55
Total	0	39	58	9	0	8	43	23	0	16	39	91	0	7	58	90	0	6	27	40	1	20	14	82
Mean	0	0	24	72	0	0	5	39	0	0	10	31	0	0	4	94	0	0	3	99	0	0	49	64
Skill	-0.22				-0.1				-0.22				-0.16				0							
Effort	-0.17				-0.08				-0.17				-0.12				0							
Condition	-0.07				-0.03				-0.07				-0.03				0							
Consistency	-0.02				0				0				-0.02				0.01							
Algebraic sum	-0.48				-0.21				-0.46				-0.33				0.01							
Performance factor	0.52				0.79				0.54				0.67				1.01							
Waktu normal	0	20	47	1	0	6	53	35	0	8	59	95	0	5	20	86	0	6	31	27	0	49	7	92

TANGGAL : 31 Oktober 2013
WAKTU : 11:08

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE VII)																								
Waktu persiapan									0	1	15	22	Waktu normal								0	1	37	79
Skill										0.13			Consistency									0.01		
Effort										0.12			Algebraic sum									0.3		
Condition										0.04			Performance factor									1.3		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			14	47			2	78			10	88			1	63			2	81	0	1	47	79
2			11	89			2	61			11	64			2	53			1	86	0	0	30	53
3			2	93			1	0			8	10			2	14			3	82	0	0	17	99
4			15	7			1	57			13	58			1	55			2	10	0	0	33	87
5			15	83			2	53			13	17			2	40			3	11	0	0	37	4
6			13	82			2	3			4	15			1	88			2	27	0	0	24	15
7			6	81			2	84			6	53			2	1			2	55	0	0	20	74
8			7	43			2	64			6	55			1	63			3	36	0	0	21	61
9			11	11			1	69			5	61			1	32			2	37	0	0	22	10
10			11	37			2	27			7	83			2	12			3	65	0	0	27	24
11			12	66			1	40			8	17			1	53			3	35	0	0	27	11
12			16	5			2	78			8	88			1	99			2	35	0	0	32	5
13			12	91			2	66			7	80			2	61			3	32	0	0	29	30
14			13	39			2	61			8	74			2	14			3	41	0	0	30	29
15			13	54			2	82			8	14			1	38			3	45	0	0	29	33
16			9	49			2	15			6	40			2	22			4	3	0	0	24	29
17			7	83			2	0			7	14			2	86			3	63	0	0	23	46
18			13	73			3	57			6	99			2	65			2	75	0	0	29	69
19			15	95			3	84			6	25			1	96			3	42	0	0	31	42
20			18	61			2	57			7	5			2	55			3	46	0	0	34	24
21			10	64			3	22			6	31			1	48			4	5	0	0	25	70
22			13	61			3	29			7	7			2	40			3	77	0	0	30	14
23			10	21			3	53			7	73			1	90			3	49	0	0	26	86
24			17	29			3	55			7	92			3	20			3	42	0	0	35	38
25			14	56			4	62			10	29			2	81			3	79	0	0	36	7
26			15	75			2	6			8	52			1	68			3	50	0	0	31	51
27			15	65			2	48			7	70			2	33			4	47	0	0	32	63
28			10	92			2	61			7	40			2	41			2	92	0	0	26	26
29			14	69			3	57			7	99			2	55			2	3	0	0	30	83
30			13	51			3	53			8	31			3	48			2	46	0	0	31	29
31			18	76			2	44			10	0			3	39			3	29	0	0	37	88
32			20	12			3	49			9	12			3	52			4	73	0	0	40	98
33			12	36			3	87			7	64			2	10			2	96	0	0	28	93
34			13	36			3	67			7	72			2	30			3	49	0	0	30	54
35			10	98			2	30			6	6			1	91			5	41	0	0	26	66
36			13	95			3	18			7	62			2	40			3	69	0	0	30	84
37			18	37			4	31			7	54			3	28			4	66	0	0	38	16
38			8	63			3	86			8	74			2	24			2	87	0	0	26	34
39			14	30			3	97			7	78			3	49			3	60	0	0	33	14
40			15	80			3	12			9	31			3	38			3	69	0	0	35	30
41			14	30			5	57			8	65			4	99			3	85	0	0	37	36
42			15	88			3	82			7	51			4	10			4	72	0	0	36	3
43			14	37			3	60			8	44			3	59			3	83	0	0	33	83
44			16	18			3	50			7	81			3	30			3	63	0	0	34	42
45			16	82			2	49			7	15			4	37			3	92	0	0	34	75
46			17	28			4	9			9	8			3	37			4	40	0	0	38	22
47			9	18			3	93			4	81			6	69			3	51	0	0	28	12
48			15	53			3	18			9	47			4	23			5	0	0	0	37	41
49			15	49			2	85			9	41			3	29			2	87	0	0	33	91
50			16	67			4	52			8	84			2	63			3	29	0	0	35	95
51			11	96			1	68			6	37			2	83			4	68	0	0	27	52
52			15	71			5	9			4	98			2	45			4	12	0	0	32	35
53			12	51			2	71			9	89			1	84			2	5	0	0	29	0
54			8	2			4	38			6	25			2	26			4	15	0	0	25	6
55			16	81			1	98			10	23			3	82			4	10	0	0	36	94
56			14	91			7	41			9	12			2	59			3	59	0	0	37	62
57			12	41			4	41			9	41			2	41			3	14	0	0	31	78
58			10	18			4	12			10	48			1	99			3	74	0	0	30	51
59			19	6			5	16			8	33			2	44			3	78	0	0	38	77
60			14	75			4	74			8	1			3	78			3	12	0	0	34	40
61			17	14			3	72			8	92			2	96			2	94	0	0	35	68

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			10	26			4	57			8	75			3	32			4	25	0	0	31	15
63			23	56			4	16			8	77			4	39			3	65	0	0	44	53
64			11	14			5	7			9	7			3	88			3	2	0	0	32	18
65			12	83			3	36			7	62			2	41			3	68	0	0	29	90
66			13	94			4	60			7	56			3	90			4	3	0	0	34	3
67			16	93			4	49			7	70			6	99			4	90	0	0	41	1
68			10	85			5	4			8	96			3	39			2	43	0	0	30	67
69			24	16			5	16			9	69			4	86			4	58	0	0	48	45
70			18	12			4	12			10	61			3	51			4	44	0	0	40	80
71			9	77			3	37			8	10			1	52			4	24	0	0	27	0
72			13	7			4	59			9	5			3	9			3	37	0	0	33	17
73			13	48			3	58			9	81			3	3			3	87	0	0	33	77
74			16	61			4	26			13	22			6	55			4	3	0	0	44	67
75			10	53			5	6			9	20			6	48			3	86	0	0	35	13
76			15	74			3	5			10	8			5	28			4	43	0	0	38	58
77			11	16			3	4			8	6			5	64			4	15	0	0	32	5
78			9	13			3	98			8	28			6	38			3	44	0	0	31	21
79			10	3			3	81			7	60			3	83			3	36	0	0	28	63
80			27	49			3	27			9	34			4	12			3	55	0	0	47	77
81			13	96			3	24			10	15			3	41			4	82	0	0	35	58
82			19	99			5	7			8	37			4	13			3	86	0	0	41	42
83			15	61			4	75			9	99			4	9			4	50	0	0	38	94
84			17	69			4	96			6	40			6	38			4	84	0	0	40	27
85			9	34			3	77			9	0			3	40			3	58	0	0	29	9
86			14	86			3	99			8	28			4	49			3	86	0	0	35	48
87			14	81			4	23			12	39			2	40			3	30	0	0	37	13
88			17	85			4	24			10	26			3	50			4	21	0	0	40	6
89			9	5			4	39			8	81			5	6			4	29	0	0	31	60
90			10	32			2	12			8	24			5	18			4	57	0	0	30	43
91			10	29			6	25			8	99			5	78			2	75	0	0	34	6
92			17	5			5	2			11	6			3	26			1	76	0	0	38	15
93			6	9			3	68			8	93			7	50			4	18	0	0	30	38
94			21	93			4	25			7	85			7	14			4	90	0	0	46	7
95			33	96			4	70			12	89			3	91			4	31	0	0	59	77
96			21	37			2	85			3	65			6	34			4	10	0	0	38	31
97			11	48			3	24			12	49			2	52			3	30	0	0	33	3
98			16	48			5	3			6	24			4	59			3	13	0	0	35	47
99			17	69			7	77			10	19			3	82			3	40	0	0	42	87
100			9	20			2	16			6	99			5	9			2	91	0	0	26	35
101			5	42			2	91			8	41			6	41			3	41	0	0	26	56
Total	0	23	46	75	0	6	5	18	0	14	18	58	0	5	44	25	0	6	5	5	0	57	15	3
Mean	0	0	14	13	0	0	3	62	0	0	8	50	0	0	3	41	0	0	3	61	0	0	34	1
Skill	0.11				0.11				-0.1				0.06				0.03							
Effort	0.1				0.1				-0.08				0.05				0.02							
Condition	0.04				0.04				-0.03				0.02				0							
Consistency	0.01				0.01				0				-0.02				0							
Algebraic sum	0.26				0.26				-0.21				0.11				0.05							
Performance factor	1.26				1.26				0.79				1.11				1.05							
Waktu normal	0	29	57	70	0	7	40	13	0	11	18	28	0	6	22	12	0	6	23	30	1	3	19	32

TANGGAL : 31 Oktober 2013
WAKTU : 12:33

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE VIII)																								
Waktu persiapan									0	0	38	10	Waktu normal								0	0	50	29
Skill											0.15		Consistency										-0.02	
Effort											0.13		Algebraic sum										0.32	
Condition											0.06		Performance factor										1.32	
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			17	34			0				3	67			0	92			15	34	0	1	15	37
2			20	34			0	97			4	83			0	63			14	62	0	0	41	39
3			49	48			1	37			3	98			0	56			9	59	0	1	4	98
4			14	41			1	8			6	87			1	63			25	29	0	0	49	28
5			32	59			1	25			5	77			1	33			9	37	0	0	50	31
6			47	17			2	12			4	31			1	3			2	14	0	0	56	77
7			13	48			2	7			4	73			2	49			9	31	0	0	32	8
8			15	26			2	6			6	67			1	73			8	55	0	0	34	27
9			12	11			3	69			5	9			1	88			7	88	0	0	30	65
10			7	11			2	8			5	55			2	51			20	92	0	0	38	17
11			11	39			2	16			7	98			2	62			9	25	0	0	33	40
12			46	87			2	85			10	4			1	7			1	79	0	1	2	62
13			17	29			1	73			4	60			0	59			2	73	0	0	26	94
14			14	74			3	41			7	49			0	92			1	95	0	0	28	51
15			9	91			2	91			2	72			2	72			2	41	0	0	20	67
16			5	97			2	52			4	69			0	63			1	47	0	0	15	28
17			10	16			3	97			5	21			0	56			1	63	0	0	21	53
18			11	60			3	13			4	38			1	62			3	9	0	0	23	82
19			7	73			2	37			4	36			1	12			3	2	0	0	18	60
20			8	61			3	19			9	64			1	64			2	46	0	0	25	54
21			8	39			2	57			4	32			0	63			2	61	0	0	18	52
22			8	69			2	62			5	22			1	42			3	30	0	0	21	25
23			8	74			2	8			3	77			1	33			3	51	0	0	19	43
24			6	32			2	35			4	67			1	3			3	0	0	0	17	37
25			8	60			3	16			4	21			1	52			2	64	0	0	20	13
26			12	10			2	23			4	17			1	12			2	25	0	0	21	87
27			10	59			1	25			6	9			2	37			2	95	0	0	23	25
28			9	45			2	85			3	83			2	79			2	48	0	0	21	40
29			8	20			1	40			4	55			4	49			2	58	0	0	21	22
30			9	27			2	90			4	60			2	73			2	78	0	0	22	28
31			7	72			2	33			4	74			2	20			3	11	0	0	20	10
32			8	66			2	12			3	98			2	51			2	83	0	0	20	10
33			27	58			3	37			3	50			3	0			2	46	0	0	39	91
34			5	31			2	86			3	62			1	88			3	49	0	0	17	16
35			8	64			3	5			3	69			2	63			2	99	0	0	21	0
36			10	76			3	12			5	19			2	39			2	47	0	0	23	93
37			11	54			3	5			5	51			1	51			2	90	0	0	24	51
38			12	96			3	7			4	0			2	33			3	4	0	0	25	40
39			11	88			3	6			4	87			1	70			2	9	0	0	23	60
40			10	48			3	6			6	81			4	97			2	97	0	0	28	29
41			10	37			1	74			2	98			2	66			3	18	0	0	20	93
42			11	14			2	51			2	77			3	81			3	51	0	0	23	74
43			12	75			3	36			2	76			4	16			2	64	0	0	25	67
44			7	90			2	69			4	54			2	37			2	92	0	0	20	42
45			11	46			2	73			4	8			1	40			2	90	0	0	22	57
46			8	21			4	49			4	48			4	41			2	41	0	0	24	0
47			10	43			1	59			3	31			2	89			2	57	0	0	20	79
48			8	99			3	77			5	73			3	77			2	51	0	0	24	77
49			8	82			3	18			4	18			4	89			2	25	0	0	23	32
50			8	21			2	19			5	47			2	44			2	92	0	0	21	23
51			5	43			3	49			3	40			3	64			2	73	0	0	18	69
52			9	60			2	29			5	58			2	45			2	36	0	0	22	28
53			6	70			2	30			7	66			1	45			2	66	0	0	20	77
54			9	97			3	29			4	40			4	14			1	24	0	0	23	4
55			10	80			3	12			4	78			3	6			3	30	0	0	25	6
56			18	0			3	5			4	20			2	78			2	66	0	0	30	69
57			5	48			3	91			3	88			5	42			2	45	0	0	21	14
58			9	97			1	83			5	47			4	41			2	99	0	0	24	67
59			13	2			3	55			5	3			5	49			2	63	0	0	29	72
60			9	78			2	47			3	91			2	86			3	6	0	0	22	8
61			8	74			2	67			5	5			4	72			2	94	0	0	24	12

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			7	14			3	0			5	71			3	72			3	23	0	0	22	80
63			9	8			2	95			5	98			3	93			2	11	0	0	24	5
64			9	2			3	63			9	73			5	35			2	83	0	0	30	56
65			10	61			7	83			4	72			5	18			2	91	0	0	31	25
66			12	30			2	80			4	8			5	16			3	48	0	0	27	82
67			13	97			3	56			6	3			4	28			2	14	0	0	29	98
68			21	8			3	40			6	87			4	32			2	81	0	0	38	48
69			9	99			4	0			6	12			2	22			2	91	0	0	25	24
70			9	70			2	98			5	45			3	73			2	1	0	0	23	87
71			5	21			3	84			5	82			2	54			2	48	0	0	19	89
72			11	23			3	34			5	61			2	98			2	47	0	0	25	63
73			10	43			3	21			5	68			2	36			2	35	0	0	24	3
74			8	28			2	82			4	98			9	40			3	36	0	0	28	84
75			9	39			2	81			8	21			2	6			2	71	0	0	25	18
76			22	17			2	57			8	98			3	39			2	88	0	0	39	99
77			6	57			3	76			5	46			3	22			2	61	0	0	21	62
78			15	92			3	43			10	18			2	51			3	20	0	0	35	24
79			9	57			5	29			7	27			4	71			2	15	0	0	28	99
80			14	1			4	64			8	15			5	49			2	29	0	0	34	58
81			7	0			1	92			7	36			2	56			2	93	0	0	21	77
82			29	82			4	55			7	51			2	91			3	39	0	0	48	18
83			6	0			2	46			4	71			3	68			2	38	0	0	19	23
84			24	16			4	91			7	68			2	77			3	25	0	0	42	77
85			8	31			3	78			6	64			4	45			3	22	0	0	26	40
86			14	51			6	76			11	79			3	66			2	64	0	0	39	36
87			26	73			3	34			5	61			5	10			3	58	0	0	44	36
88			16	99			2	55			6	49			2	16			2	68	0	0	30	87
89			16	62			4	51			8	41			4	96			3	2	0	0	37	52
90			10	44			3	35			5	23			3	21			2	20	0	0	24	43
91			13	50			5	70			10	92			6	72			4	5	0	0	40	89
92			8	36			3	5			8	69			4	44			3	0	0	0	27	54
93			17	22			3	31			6	35			5	92			2	61	0	0	35	41
94			7	10			2	55			23	34			6	61			2	41	0	0	42	1
Total	0	20	7	64	0	4	40	25	0	9	3	34	0	4	41	67	0	5	58	38	0	45	9	38
Mean	0	0	12	85	0	0	2	98	0	0	5	78	0	0	3	0	0	0	3	81	0	0	28	82
Skill	0.13				0.15				0.06				0.08				0							
Effort	0.12				0.13				0.05				0.08				0							
Condition	0.06				0.06				0.02				0.02				0							
Consistency	-0.04				0				0.01				-0.02				0							
Algebraic sum	0.27				0.34				0.14				0.16				0							
Performance factor	1.27				1.34				1.14				1.16				1							
Waktu normal	0	25	33	70	0	6	15	54	0	10	19	41	0	5	26	74	0	5	58	38	0	54	24	6

TANGGAL : 01 Nopember 2013
WAKTU : 9:51

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE IX)																								
Waktu persiapan									0	2	43	57	Waktu normal								0	2	59	93
Skill										0.03			Consistency									0.03		
Effort										0.02			Algebraic sum									0.1		
Condition										0.02			Performance factor									1.1		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			11	73			3	25			7	87			2	25			1	49	0	3	10	16
2			11	55			4	81			9	78			2	26			1	52	0	0	29	92
3			24	44			2	25			6	89			5	3			2	6	0	0	40	67
4			17	10			4	91			10	82			2	23			1	46	0	0	36	52
5			15	44			6	31			7	66			3	22			1	45	0	0	34	8
6			34	23			4	6			8	16			2	32			1	64	0	0	50	41
7			23	54			2	71			9	9			3	15			1	29	0	0	39	78
8			41	41			3	46			10	19			3	12			1	23	0	0	59	41
9			53	47			5	12			8	76			2	22			1	44	0	1	11	1
10			42	91			3	57			11	55			3	21			1	43	0	1	2	67
11			44	0			3	31			5	40			2	30			1	61	0	0	56	62
12			50	56			2	35			10	0			2	33			1	65	0	1	6	89
13			42	70			2	87			12	78			2	14			1	27	0	1	1	76
14			59	27			2	0			13	67			3	18			2	35	0	1	20	47
15			18	98			4	97			6	53			3	1			1	2	0	0	34	51
16			30	53			3	23			7	45			4	7			2	14	0	0	47	42
17			14	34			13	39			2	57			1	27			1	54	0	0	33	11
18			50	79			3	31			6	93			2	28			1	56	0	1	4	87
19			11	11			5	56			8	44			3	17			2	35	0	0	30	63
20			35	59			2	86			8	87			3	11			1	23	0	0	51	66
21			43	89			7	43			7	19			3	3			1	5	0	1	2	59
22			36	96			3	28			6	25			4	0			2	0	0	0	52	49
23			30	69			2	70			12	12			3	12			2	24	0	0	50	87
24			41	61			8	89			22	94			15	26			7	51	0	1	36	21
25			6	83			5	0			3	59			3	27			2	53	0	0	21	22
26			37	70			5	50			9	71			3	16			1	31	0	0	57	38
27			49	25			3	74			13	60			2	30			1	61	0	1	10	50
28			27	54			3	51			3	93			2	18			1	35	0	0	38	51
29		1	3	58			7	78			11	67			4	19			2	39	0	1	29	61
30			10	48			2	49			11	71			5	30			3	60	0	0	33	58
31			21	62			4	63			13	90			2	3			1	5	0	0	43	23
32		1	9	16			5	36			5	74			3	0			2	0	0	1	25	26
33			40	91			3	4			12	58			6	1			3	3	0	1	5	57
34			57	94			4	73			17	48			3	29			2	57	0	1	26	1
35			23	96			4	52			17	7			3	12			1	23	0	0	49	90
36			34	27			3	38			15	46			2	31			1	61	0	0	57	3
37			45	64			3	45			11	15			2	26			1	52	0	1	4	2
38			38	52			3	94			14	28			4	4			2	8	0	1	2	86
39			26	69			4	47			17	26			2	23			1	46	0	0	52	11
40			45	26			3	35			12	61			3	24			2	49	0	1	6	95
41			23	48			4	62			13	24			3	32			1	63	0	0	46	29
42			29	46			6	26			13	34			3	27			1	55	0	0	53	88
43			33	16			10	67			13	39			3	19			1	39	0	1	1	80
44			38	25			2	10			11	0			2	25			1	51	0	0	55	11
45			32	10			13	43			5	87			5	18			2	36	0	0	58	94
46			34	61			14	4			4	5			5	4			2	9	0	0	59	83
47			30	0			3	2			9	56			10	14			1	29	0	0	54	1
48			32	97			19	48			4	30			3	19			2	7	0	1	2	1
49			32	29			2	86			10	26			3	2			1	4	0	0	49	47
50		1	0	95			21	47			3	42			21	6			10	13	0	1	57	3
51			2	68			11	45			5	52			15	25			7	51	0	0	42	41
52			11	81			14	75			4	64			25	29			12	59	0	1	9	8
53			6	60			15	1			4	5			17	26			8	51	0	0	51	43
54			5	14			13	23			5	18			15	30			8	59	0	0	47	44
55			4	72			15	10			4	29			28	7			14	15	0	1	6	33
56			3	12			12	82			4	84			19	20			10	40	0	0	50	38
57			3	21			16	88			4	26			25	29			13	57	0	1	3	21
58			3	15			9	98			37	87			2	24			1	48	0	0	54	72
59			9	57			7	3			32	79			11	2			6	4	0	1	6	45
60			5	7			26	41			4	35			13	7			6	13	0	0	55	3
61			8	18			3	41			4	94			3	51			2	73	0	0	22	77

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			20	33			4	28			5	79			3	6			2	23	0	0	35	69
63			49	34			3	7			5	66			3	25			2	47	0	1	3	79
64			14	26			4	78			8	10			5	85			2	34	0	0	35	33
65			32	46			5	84			7	16			5	93			3	97	0	0	55	36
66			46	53			5	96			4	24			3	39			3	9	0	1	3	21
67			14	81			5	43			6	76			3	33			4	54	0	0	34	87
68			7	2			4	34			5	55			12	65			2	18	0	0	31	74
69			8	87			3	93			7	60			3	5			2	9	0	0	25	54
70			6	19			3	3			6	66			3	1			2	0	0	0	20	89
71			9	82			2	16			11	51			6	77			2	0	0	0	32	26
72			9	4			2	65			8	65			8	72			1	0	0	0	30	6
73			11	12			4	19			7	14			3	3			1	5	0	0	26	53
74			11	78			3	32			8	26			3	7			3	75	0	0	30	18
75			11	41			2	25			8	63			5	44			1	4	0	0	28	77
76			8	14			2	6			7	65			5	2			2	15	0	0	25	2
77			5	18			4	23			6	74			5	9			2	6	0	0	23	30
78			13	48			3	12			8	95			4	51			3	37	0	0	33	43
79			8	38			3	0			15	36			3	95			3	97	0	0	34	66
80			10	4			3	15			16	2			3	56			3	43	0	0	36	20
81			12	13			4	63			11	96			13	2			2	2	0	0	43	76
82			11	83			3	31			13	88			3	52			2	24	0	0	34	78
83			13	28			2	2			17	22			4	7			2	79	0	0	39	38
84			10	33			2	79			8	29			3	70			6	81	0	0	31	92
85			9	28			2	85			7	36			5	36			2	15	0	0	27	0
86			9	79			3	53			6	4			7	4			2	41	0	0	28	81
87			12	85			13	13			3	83			3	83			2	55	0	0	36	19
88			12	65			3	97			11	40			3	16			2	35	0	0	33	53
89			14	63			3	91			5	54			3	40			2	7	0	0	29	55
90			14	36			6	72			6	68			4	44			1	24	0	0	33	44
91			11	88			3	56			10	14			3	68			4	3	0	0	33	29
92			9	29			3	47			8	98			4	68			3	72	0	0	30	14
93			9	40			5	97			8	84			3	3			3	29	0	0	30	53
94			10	41			12	25			9	90			3	78			2	41	0	0	38	75
95			10	7			3	75			4	99			7	77			2	42	0	0	29	0
96			12	96			3	32			6	24			4	61			1	51	0	0	28	64
97			14	43			3	94			7	41			5	60			1	12	0	0	32	50
Total	0	38	14	48	0	9	33	42	0	15	19	94	0	9	5	74	0	4	46	98	1	19	44	13
Mean	0	0	23	65	0	0	5	91	0	0	9	48	0	0	5	63	0	0	2	96	0	0	49	32
Skill	-0.22				-0.22				-0.16				-0.22				0.08							
Effort	-0.17				-0.17				-0.12				-0.17				0.08							
Condition	-0.07				-0.07				-0.07				-0.07				0.02							
Consistency	-0.04				-0.04				-0.02				-0.04				0.01							
Algebraic sum	-0.5				-0.5				-0.37				-0.5				0.19							
Performance factor	0.5				0.5				0.63				0.5				1.19							
Waktu normal	0	19	7	24	0	4	46	71	0	9	39	56	0	4	32	87	0	5	41	51	0	46	47	82

TANGGAL : 01 Nopember 2013
WAKTU : 11:16

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE X)																								
Waktu persiapan								0	4	1	12	Waktu normal								0	3	5	66	
Skill								-0.1				Consistency								-0.02				
Effort								-0.08				Algebraic sum								-0.23				
Condition								-0.03				Performance factor								0.77				
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			33	38			2	43			11	69			11	22			5	11	0	5	4	95
2			7	94			4	76			3	21			6	19			3	9	0	0	25	19
3			13	80			4	99			6	82			3	6			2	3	0	0	30	70
4			8	25			6	41			4	54			5	59			2	29	0	0	27	8
5			6	79			4	81			5	78			3	17			2	8	0	0	22	63
6			11	23			5	0			5	61			1	25			1	13	0	0	24	22
7			12	21			4	35			5	96			1	64			1	32	0	0	25	48
8			9	66			5	65			5	82			2	61			1	30	0	0	25	4
9			16	75			3	67			7	6			2	50			1	25	0	0	31	23
10			14	14			6	56			5	39			2	37			1	18	0	0	29	64
11			7	15			4	54			4	83			3	11			2	5	0	0	21	68
12			9	10			3	93			6	8			3	25			2	13	0	0	24	49
13			16	35			6	4			5	6			2	47			1	23	0	0	31	15
14			16	51			5	61			3	61			3	3			1	1	0	0	29	77
15			15	16			4	98			7	59			3	66			1	33	0	0	32	72
16		1	15	86			2	3			1	80			3	10			1	5	0	1	23	84
17			15	32			4	43			4	2			5	16			2	8	0	0	31	1
18			17	24			3	25			6	8			5	37			2	18	0	0	34	12
19			17	14			4	48			4	7			6	27			3	13	0	0	35	9
20			16	34			5	41			6	6			5	14			3	7	0	0	36	2
21			9	76			4	30			6	18			5	51			2	26	0	0	28	1
22			14	25			4	87			5	90			3	57			1	29	0	0	29	88
23			18	55			7	24			2	72			1	11			1	6	0	0	30	68
24			16	60			4	11			5	69			3	19			2	10	0	0	31	69
25			12	7			6	4			6	64			3	1			1	0	0	0	28	76
26			19	88			7	38			5	25			3	19			1	10	0	0	36	80
27			22	66			8	88			6	75			2	38			1	19	0	0	41	86
28			10	73			7	40			7	6			3	40			1	20	0	0	29	79
29			15	17			6	60			5	43			3	31			1	16	0	0	31	67
30			14	51			6	9			7	20			3	61			2	30	0	0	33	71
31			11	91			5	57			6	6			3	38			1	19	0	0	28	11
32			15	85			5	0			7	1			1	51			1	25	0	0	30	62
33			12	65			6	65			4	13			6	55			3	28	0	0	33	26
34			12	15			7	74			5	63			3	19			2	10	0	0	30	81
35			9	14			8	29			3	98			8	48			4	24	0	0	34	13
36			4	26			7	7			4	82			11	19			6	10	0	0	33	44
37			15	9			15	92			14	14			3	35			2	18	0	0	50	68
38			9	37			9	37			6	14			3	62			1	31	0	0	29	81
39			13	63			6	25			7	52			3	57			1	29	0	0	32	26
40			12	43			3	42			9	26			3	49			1	24	0	0	29	84
41			19	65			4	17			5	51			2	57			1	28	0	0	33	18
42			17	80			5	32			8	16			3	37			1	18	0	0	35	83
43			10	10			4	80			9	7			2	64			1	32	0	0	27	93
44			12	74			5	8			9	18			3	26			2	13	0	0	32	39
45			13	51			5	29			7	84			3	23			2	11	0	0	31	98
46			17	90			3	81			4	91			2	15			1	8	0	0	29	85
47			14	31			9	52			6	70			2	13			1	6	0	0	33	72
48			11	95			5	92			5	19			3	15			1	8	0	0	27	29
49			10	39			4	50			9	21			5	23			2	12	0	0	31	45
50			11	56			5	0			5	41			5	32			2	16	0	0	29	45
51			8	36			3	90			10	17			3	66			2	33	0	0	28	42
52			9	35			11	47			4	8			3	17			1	9	0	0	29	16
53			10	31			3	53			10	42			3	52			1	26	0	0	29	4
54			9	2			3	13			10	67			3	51			1	26	0	0	27	59
55			9	29			7	99			5	82			4	36			2	18	0	0	29	64
56			12	96			6	39			5	38			3	41			1	21	0	0	29	35
57			17	90			8	30			8	37			5	0			2	0	0	0	41	57
58			8	52			4	94			8	61			3	23			1	12	0	0	26	42
59			14	88			7	12			5	66			3	18			2	9	0	0	32	93
60			13	7			7	67			6	28			3	6			1	3	0	0	31	11
61			10	22			4	87			9	73			3	5			2	3	0	0	29	90

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			10	83			6	76			6	83			3	17			2	8	0	0	29	67
63			13	70			5	14			11	2			2	57			1	28	0	0	33	71
64			9	29			6	74			9	24			3	40			1	20	0	0	29	87
65			16	95			5	65			9	37			3	8			1	4	0	0	36	9
66			12	36			6	76			8	73			3	6			2	3	0	0	32	94
67			12	63			4	78			11	32			4	40			2	20	0	0	35	33
68			9	61			6	77			8	72			3	39			2	20	0	0	30	69
69			13	4			5	22			15	59			4	20			2	10	0	0	40	15
70			18	66			4	75			11	43			3	39			1	19	0	0	39	42
71			17	83			4	87			12	22			7	1			3	1	0	0	44	94
72			13	16			7	31			10	32			3	51			1	25	0	0	35	55
73			28	33			9	49			7	66			5	30			2	15	0	0	52	93
74			16	40			5	11			8	0			7	9			3	4	0	0	39	64
75			15	73			6	59			12	65			4	33			2	17	0	0	41	47
76			15	34			5	25			7	34			3	41			2	21	0	0	33	55
77			22	54			5	17			12	53			4	53			2	27	0	0	47	4
78			17	44			6	10			11	10			3	51			2	26	0	0	40	41
79			20	65			4	76			15	48			3	1			2	0	0	0	45	90
80			13	68			4	61			13	55			3	40			1	20	0	0	36	44
81			23	13			7	93			8	66			3	43			2	22	0	0	45	37
82			19	68			7	14			10	83			3	31			2	16	0	0	43	12
83			8	70			4	98			10	17			3	53			2	26	0	0	29	64
84			17	3			10	23			6	3			3	23			1	11	0	0	37	63
85			8	1			4	24			10	10			4	7			2	3	0	0	28	45
86			32	48			16	46			11	75			5	13			3	7	0	1	8	89
87			19	78			9	30			11	89			3	51			2	25	0	0	46	73
88			24	77			5	84			13	43			5	33			2	16	0	0	51	53
89			15	47			10	81			8	84			7	65			3	32	0	0	46	9
90			17	89			4	73			10	36			3	59			2	30	0	0	38	87
91			20	61			3	90			9	11			4	7			2	4	0	0	39	73
92			34	33			4	28			8	17			5	16			2	8	0	0	54	2
93			24	39			4	99			13	52			5	12			2	6	0	0	50	8
94			26	60			5	69			9	40			5	58			2	29	0	0	49	56
95			16	10			5	63			11	75			5	1			3	0	0	0	41	49
96			13	58			5	24			9	34			4	61			2	31	0	0	35	8
97			25	83			10	36			7	22			3	64			2	32	0	0	49	37
98			6	75			5	97			10	46			5	33			2	16	0	0	30	67
99			12	28			4	77			15	20			5	31			3	15	0	0	40	71
100			17	35			7	35			7	23			5	45			3	22	0	0	40	60
101			10	70			10	98			5	78			3	9			2	5	0	0	32	60
102			18	79			7	21			6	95			5	63			2	32	0	0	40	90
103			12	75			4	94			33	35			3	27			2	13	0	0	56	44
Total	0	26	39	94	0	10	29	4	0	14	7	60	0	6	52	78	0	3	22	89	1	5	33	37
Mean	0	0	15	53	0	0	6	11	0	0	8	23	0	0	4	1	0	0	1	97	0	0	38	19
Skill	0.08				-0.22				-0.05				0				0.13							
Effort	0.08				-0.17				-0.04				0				0.12							
Condition	0.04				-0.07				-0.03				0				0.06							
Consistency	0				-0.02				-0.02				0.01				0.01							
Algebraic sum	0.2				-0.48				-0.14				0.01				0.32							
Performance factor	1.2				0.52				0.86				1.01				1.32							
Waktu normal	0	31	59	93	0	5	27	10	0	12	8	94	0	6	56	91	0	4	27	81	1	4	6	35

TANGGAL : 01 Nopember 2013
WAKTU : 11:26

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XI)																								
Waktu persiapan									0	2	22	7	Waktu normal								0	2	46	22
Skill									0.06				Consistency								0.04			
Effort									0.05				Algebraic sum								0.17			
Condition									0.02				Performance factor								1.17			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			6	97			2	31			4	51			6	46			3	90	0	2	46	22
2			7	60			2	71			5	30			3	25			3	98	0	0	22	84
3			11	34			1	93			6	12			2	75			4	78	0	0	26	92
4			12	96			3	54			8	78			2	58			4	47	0	0	32	33
5			17	87			3	64			3	41			2	48			4	5	0	0	31	45
6			21	86			2	75			7	14			5	28			2	74	0	0	39	77
7			10	91			5	71			7	68			5	96			3	17	0	0	33	43
8			11	27			4	63			8	13			5	31			4	79	0	0	34	13
9			8	27			3	7			9	36			5	74			3	57	0	0	30	1
10			13	49			5	22			4	91			3	33			5	3	0	0	31	98
11			14	7			4	19			7	58			3	45			4	46	0	0	33	75
12			18	85			3	87			7	23			3	31			2	71	0	0	35	97
13			19	24			3	47			7	61			3	57			3	18	0	0	37	7
14			6	30			5	80			6	57			6	87			3	75	0	0	29	29
15			7	48			3	34			7	47			3	22			3	65	0	0	25	16
16			10	41			4	4			9	71			11	2			3	86	0	0	39	4
17			11	10			6	4			5	20			3	43			4	28	0	0	30	5
18			13	6			8	42			7	7			2	92			4	41	0	0	35	88
19			13	12			4	42			8	0			3	89			3	63	0	0	33	6
20			16	52			11	66			9	65			3	16			3	74	0	0	44	73
21			17	46			3	83			9	76			2	80			4	10	0	0	37	95
22			22	28			10	9			9	68			5	12			3	35	0	0	50	52
23			23	45			4	30			6	44			5	82			4	45	0	0	44	46
24			8	92			3	72			7	11			3	72			5	31	0	0	28	78
25			11	46			4	72			7	11			4	31			2	87	0	0	30	47
26			18	86			5	62			8	7			5	37			3	64	0	0	41	56
27			19	97			8	37			8	1			3	61			5	2	0	0	44	98
28			23	43			6	18			7	15			3	8			3	94	0	0	43	78
29			22	41			5	15			13	43			3	30			4	43	0	0	48	72
30			28	1			6	87			5	43			3	5			5	92	0	0	49	28
31			9	44			5	49			8	3			3	20			5	89	0	0	32	5
32			10	25			4	84			10	53			4	88			4	24	0	0	34	74
33			15	35			4	30			9	30			3	30			3	74	0	0	35	99
34			17	6			3	2			11	49			7	97			5	12	0	0	44	66
35			16	26			6	45			10	84			5	25			4	24	0	0	43	4
36			18	85			5	62			9	64			4	73			3	82	0	0	42	66
37			18	23			6	42			10	17			4	8			3	72	0	0	42	62
38			26	87			7	42			9	54			3	13			3	80	0	0	50	76
39			14	2			3	77			7	88			3	81			5	13	0	0	34	61
40			17	31			3	70			5	41			3	8			5	47	0	0	34	97
41			17	93			2	86			22	94			5	4			4	71	0	0	53	48
42			16	54			11	57			6	45			3	33			3	20	0	0	41	9
43			22	37			8	24			5	78			7	67			4	41	0	0	48	47
44			30	47			3	64			8	42			4	16			5	42	0	0	52	11
45			32	60			5	79			5	31			5	15			3	41	0	0	52	26
46			15	64			2	79			7	42			5	18			4	37	0	0	35	40
47			14	76			5	61			7	75			3	2			4	65	0	0	35	79
48			5	61			5	24			9	82			5	57			5	14	0	0	31	38
49			8	70			3	48			5	44			5	34			4	16	0	0	27	12
50			8	19			3	48			7	18			3	60			3	16	0	0	25	61
51			8	28			4	36			2	32			2	85			2	57	0	0	20	38
52			9	52			4	71			8	8			3	85			2	18	0	0	28	34
53			9	73			5	12			7	82			3	2			3	0	0	0	28	69
54			27	96			6	52			9	10			2	97			4	55	0	0	51	10
55			10	59			5	28			13	13			4	9			4	79	0	0	37	88
56			11	28			4	92			11	47			3	33			5	25	0	0	36	25
57			10	7			6	72			5	32			3	70			4	60	0	0	30	41
58			11	31			6	51			15	44			15	14			4	85	0	0	53	25
59			12	21			4	27			14	55			3	8			3	72	0	0	37	83
60			7	57			4	87			12	95			4	37			3	21	0	0	32	97
61			8	83			6	40			11	92			5	98			2	74	0	0	35	87

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			8	52			6	9			4	15			6	22			3	30	0	0	28	28
63			8	86			4	15			9	66			3	47			4	31	0	0	30	45
64			8	25			7	63			4	8			4	5			5	55	0	0	29	56
65			3	1			5	53			5	75			3	74			3	41	0	0	21	44
66			12	21			4	64			4	68			5	59			6	99	0	0	34	11
67			14	5			4	88			4	67			5	79			4	63	0	0	34	2
68			18	43			9	21			5	62			21	27			3	67	0	0	58	20
69			17	46			6	43			7	45			2	3			7	83	0	0	41	20
70			9	94			4	31			6	44			3	0			4	62	0	0	28	31
71			20	22			3	4			7	31			5	96			3	15	0	0	39	68
72			3	63			4	67			11	27			3	65			3	52	0	0	26	74
73			3	4			6	70			8	17			6	44			4	95	0	0	29	30
74			12	7			5	3			6	26			3	44			4	50	0	0	31	30
75			19	97			9	74			11	25			3	77			5	19	0	0	49	92
76			11	33			4	1			17	47			3	2			5	12	0	0	40	95
77			7	77			4	7			3	1			3	76			2	13	0	0	20	74
78			12	34			2	70			5	76			7	8			3	11	0	0	30	99
79			13	58			3	80			8	87			3	8			5	9	0	0	34	42
80			14	52			4	72			9	90			3	88			4	63	0	0	37	65
81			13	91			13	68			7	34			7	91			3	88	0	0	46	72
82			16	27			5	16			13	20			2	62			3	31	0	0	40	56
83			8	79			2	59			4	62			3	44			2	70	0	0	22	14
84			14	61			7	72			6	80			4	71			5	74	0	0	39	58
85			8	7			8	0			7	97			2	17			5	70	0	0	31	91
86			13	30			5	85			8	36			7	14			3	16	0	0	37	81
87			13	49			7	34			8	8			6	26			3	59	0	0	38	76
88			10	91			5	65			6	97			6	25			4	85	0	0	34	63
89			14	10			4	25			7	27			2	4			5	65	0	0	33	31
90			11	12			3	97			6	17			3	3			5	2	0	0	29	31
91			9	46			4	69			7	42			4	87			5	69	0	0	32	13
92			14	45			6	2			7	83			2	90			4	23	0	0	35	43
93			30	57			10	31			7	8			2	57			3	19	0	0	53	72
94			43	46			13	69			8	34			4	13			3	21	0	1	12	83
95			14	72			11	11			7	37			5	60			4	34	0	0	43	14
96			6	86			9	23			7	46			4	72			3	65	0	0	31	92
97			19	97			7	91			9	78			4	80			2	35	0	0	44	81
98			21	12			4	5			7	9			2	67			4	77	0	0	39	70
99			21	56			5	19			6	3			3	2			4	58	0	0	40	38
100			24	37			3	92			7	59			4	36			4	91	0	0	45	15
101			20	44			3	21			8	27			3	76			3	61	0	0	39	29
102			18	25			2	33			7	57			5	9			5	91	0	0	39	15
103			17	27			6	34			9	3			5	27			3	10	0	0	41	1
104			31	35			3	61			7	76			4	17			6	45	0	0	53	34
105			22	52			5	65			7	34			5	42			3	72	0	0	44	65
106			12	85			3	53			4	62			6	70			4	56	0	0	32	26
107			15	23			3	41			9	80			7	83			4	44	0	0	40	71
108			15	2			5	35			8	17			5	56			5	27	0	0	39	37
Total	0	26	55	98	0	9	48	13	0	14	32	16	0	8	20	28	0	7	37	72	1	9	36	34
Mean	0	0	14	96	0	0	5	45	0	0	8	8	0	0	4	63	0	0	4	24	0	0	38	67
Skill	0.11				-0.1				-0.05				-0.1				-0.05							
Effort	0.1				-0.08				-0.04				-0.08				-0.04							
Condition	0.04				-0.03				-0.03				-0.03				0							
Consistency	-0.02				-0.02				0				-0.04				0.01							
Algebraic sum	0.23				-0.23				-0.12				-0.25				-0.08							
Performance factor	1.23				0.77				0.88				0.75				0.92							
Waktu normal	0	33	7	66	0	7	32	86	0	12	47	50	0	6	15	21	0	7	1	10	1	9	30	55

TANGGAL : 29 Oktober 2013
WAKTU : 9:46

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XII)																								
Waktu persiapan									0	4	51	28	Waktu normal								0	2	31	47
Skill									-0.22				Consistency								-0.02			
Effort									-0.17				Algebraic sum								-0.48			
Condition									-0.07				Performance factor								0.52			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			14	80			0	39			3	76			0	1			3	64	0	5	13	88
2			11	37			0	36			5	58			0	87			4	81	0	0	22	99
3			13	47			0	84			7	82			1	21			2	24	0	0	25	58
4			8	93			1	69			7	33			1	52			3	35	0	0	22	82
5			10	71			1	17			7	18			1	5			4	25	0	0	24	36
6			15	41			1	8			8	27			0	60			3	71	0	0	29	7
7			12	31			0	41			4	40			1	93			4	98	0	0	24	3
8			14	66			1	78			9	0			1	69			4	25	0	0	31	38
9			21	41			2	45			6	55			2	66			4	1	0	0	37	8
10			18	31			1	25			6	79			1	37			3	78	0	0	31	50
11			17	69			1	69			5	95			1	84			3	41	0	0	30	58
12			15	52			1	3			8	12			1	44			5	83	0	0	31	94
13			13	96			3	75			8	94			2	79			5	90	0	0	35	34
14			16	76			1	70			9	64			3	27			3	65	0	0	35	2
15			21	58			1	34			10	74			2	19			5	77	0	0	41	62
16			20	33			3	73			10	30			2	3			3	45	0	0	39	84
17			19	18			4	4			10	95			2	16			3	25	0	0	39	58
18			16	0			2	32			7	55			3	65			5	90	0	0	35	42
19			7	55			2	89			12	41			2	8			3	79	0	0	28	72
20			13	24			2	8			7	63			2	30			3	41	0	0	28	66
21			8	4			1	72			8	67			2	93			5	95	0	0	27	31
22			10	87			3	13			10	70			3	15			3	72	0	0	31	57
23			12	65			1	47			5	62			2	11			3	47	0	0	25	32
24			15	31			2	79			9	98			2	7			5	70	0	0	35	85
25			8	68			2	55			7	52			3	3			3	99	0	0	25	77
26			21	2			2	12			9	16			3	68			4	20	0	0	40	18
27			16	1			3	79			8	95			3	91			4	79	0	0	37	45
28			7	41			3	64			10	19			4	70			4	44	0	0	30	38
29			12	62			3	74			10	80			4	75			5	15	0	0	37	6
30			12	27			3	51			11	31			7	76			3	48	0	0	38	33
31			12	96			2	94			8	13			4	25			3	37	0	0	31	65
32			14	45			2	99			9	11			4	65			5	33	0	0	36	53
33			19	35			2	63			9	5			3	19			4	57	0	0	38	79
34			17	65			2	41			9	18			3	85			5	94	0	0	39	3
35			24	13			3	16			5	78			4	96			3	44	0	0	41	47
36			16	48			3	83			8	37			5	72			2	74	0	0	37	14
37			16	71			4	2			6	27			5	81			4	88	0	0	37	69
38			26	53			3	62			5	77			5	8			3	77	0	0	44	77
39			41	3			3	98			4	21			3	31			6	8	0	0	58	61
40			17	50			3	52			8	29			2	53			4	68	0	0	36	52
41			18	53			4	63			7	21			4	65			5	67	0	0	40	69
42			16	63			4	50			4	24			5	0			1	44	0	0	31	81
43			21	26			6	96			11	52			10	36			3	27	0	0	53	37
44			25	42			3	80			8	25			3	56			2	9	0	0	43	12
45			11	16			3	31			5	27			4	72			3	29	0	0	27	75
46			17	80			4	59			8	42			5	82			3	76	0	0	40	39
47			16	76			4	11			7	60			5	11			2	90	0	0	36	48
48			15	62			5	5			5	15			4	60			2	12	0	0	32	54
49			22	35			4	18			3	58			4	52			3	62	0	0	38	25
50			12	97			3	14			2	86			3	83			3	68	0	0	26	48
51			10	53			2	6			6	15			3	51			2	75	0	0	25	0
52			12	2			4	77			7	15			6	27			2	85	0	0	33	6
53			14	77			7	20			7	57			3	72			2	36	0	0	35	62
54			15	11			3	43			7	95			2	8			3	0	0	0	31	57
55			11	23			3	5			9	8			5	18			2	56	0	0	31	10
56			3	91			4	21			10	76			6	71			2	60	0	0	28	19
57			8	93			3	28			6	52			9	13			2	85	0	0	30	71
58			11	32			5	52			6	98			3	99			2	55	0	0	30	36
59			10	21			6	27			9	55			4	71			3	52	0	0	34	26
60			6	33			4	42			8	77			4	65			2	37	0	0	26	54
61			3	34			4	36			9	50			5	72			3	47	0	0	26	39

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			19	26			4	15			8	18			4	3			2	2	0	0	37	64
63			11	65			3	3			4	20			3	23			2	80	0	0	24	91
64			7	3			3	77			6	44			3	30			3	55	0	0	24	9
65			12	87			3	89			9	1			3	13			2	56	0	0	31	46
66			15	35			6	33			7	37			4	76			2	70	0	0	36	51
67			10	82			3	57			7	5			4	46			3	96	0	0	29	86
68			9	12			4	33			8	47			6	21			4	65	0	0	32	78
69			16	84			4	95			9	14			4	94			3	43	0	0	39	30
70			12	50			4	31			5	60			4	47			6	72	0	0	33	60
71			13	68			5	76			8	13			5	55			5	85	0	0	38	97
72			13	47			3	1			8	31			5	56			5	51	0	0	35	86
73			12	17			4	52			6	80			8	2			4	91	0	0	36	42
74			13	4			3	24			7	55			3	12			6	11	0	0	33	6
75			11	83			4	25			10	95			4	50			5	32	0	0	36	85
76			10	60			4	4			5	38			4	10			4	43	0	0	28	55
77			18	71			5	41			7	56			2	40			3	44	0	0	37	52
78			29	79			5	65			8	99			4	52			3	44	0	0	52	39
79			22	85			5	31			5	49			3	11			3	85	0	0	40	61
80			18	13			3	68			7	12			4	42			3	32	0	0	36	67
81			8	91			4	20			7	65			4	82			6	47	0	0	32	5
82			6	27			3	1			10	19			5	64			6	31	0	0	31	42
83			22	58			4	47			6	81			6	66			7	1	0	0	47	53
84			20	25			4	62			4	38			7	65			5	29	0	0	42	19
85			24	61			4	16			6	48			6	10			4	14	0	0	45	49
86			14	50			5	45			7	20			6	72			4	62	0	0	38	49
87			13	57			8	70			7	14			5	1			3	63	0	0	38	5
88			16	17			5	19			3	96			7	52			6	25	0	0	39	9
89			19	47			5	80			6	1			5	36			5	22	0	0	41	86
90			12	37			6	71			4	2			5	23			4	14	0	0	32	47
91			21	34			5	53			5	95			6	32			5	29	0	0	44	43
92			10	48			2	60			4	54			6	43			5	40	0	0	29	45
93			19	12			3	3			4	56			6	32			4	95	0	0	37	98
94			9	89			4	50			4	21			6	44			6	1	0	0	31	5
95			23	97			3	53			4	88			7	20			7	36	0	0	46	94
96			12	11			4	80			6	21			6	89			6	59	0	0	36	60
97			14	44			3	37			4	94			6	93			6	59	0	0	36	27
98			14	15			3	25			3	36			7	5			7	20	0	0	35	1
99			16	43			3	71			3	23			6	50			6	72	0	0	36	59
100			14	66			4	88			5	21			6	41			8	20	0	0	39	36
101			9	3			5	80			6	31			11	90			7	27	0	0	40	31
102			10	87			5	69			2	65			10	9			6	24	0	0	35	54
103			10	30			5	41			4	68			6	8			4	27	0	0	30	74
104			17	42			6	31			7	77			9	19			4	34	0	0	45	3
105			21	66			6	37			4	51			6	32			4	20	0	0	43	6
106			23	53			7	69			5	71			8	24			5	76	0	0	50	93
107			20	73			7	14			5	21			8	13			6	20	0	0	47	41
Total	0	27	9	60	0	6	49	51	0	12	49	56	0	8	16	92	0	7	50	3	1	7	46	90
Mean	0	0	15	23	0	0	3	83	0	0	7	19	0	0	4	64	0	0	4	39	0	0	38	1
Skill	0.08				0.08				0				-0.1				-0.05							
Effort	0.08				0.08				0				-0.08				-0.04							
Condition	0.04				0.04				0				-0.03				-0.03							
Consistency	-0.04				0.03				-0.02				-0.03				0							
Algebraic sum	0.16				0.23				-0.02				-0.24				-0.12							
Performance factor	1.16				1.23				0.98				0.76				0.88							
Waktu normal	0	31	30	34	0	8	23	70	0	12	34	17	0	6	17	66	0	6	53	63	1	8	10	97

TANGGAL : 29 Oktober 2013
WAKTU : 9:43

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XIII)																								
Waktu persiapan									0	1	21	68	Waktu normal								0	1	42	92
Skill										0.11			Consistency									0.01		
Effort										0.1			Algebraic sum									0.26		
Condition										0.04			Performance factor									1.26		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			12	51			0	34			3	41			3	27			4	33	0	1	45	54
2			9	53			0	41			6	17			2	25			3	26	0	0	21	62
3			14	52			1	6			6	4			2	72			4	31	0	0	28	65
4			14	86			0	1			8	80			5	81			4	30	0	0	33	78
5			16	31			2	16			7	23			3	97			4	1	0	0	33	68
6			20	32			1	14			2	71			3	65			5	0	0	0	32	82
7			19	65			1	45			1	25			6	36			3	54	0	0	32	25
8			18	41			0	11			7	84			11	82			5	35	0	0	43	53
9			17	92			1	11			10	84			3	51			4	15	0	0	37	53
10			17	41			1	49			10	81			3	55			4	40	0	0	37	66
11			15	56			2	31			4	10			3	76			6	97	0	0	32	70
12			15	70			2	31			9	4			5	52			3	41	0	0	35	98
13			10	54			2	18			6	38			3	16			4	81	0	0	27	7
14			9	95			1	81			3	44			3	93			4	15	0	0	23	28
15			7	18			1	81			6	12			3	13			5	98	0	0	24	22
16			11	48			2	91			5	12			3	13			4	18	0	0	26	82
17			10	53			2	23			11	31			4	56			4	50	0	0	33	13
18			13	59			3	32			7	85			5	64			5	65	0	0	36	5
19			21	76			2	20			9	69			3	70			4	7	0	0	41	42
20			23	0			4	31			10	84			3	73			5	54	0	0	47	42
21			18	87			3	37			9	26			5	96			6	15	0	0	43	61
22			19	49			3	21			1	21			4	1			4	50	0	0	32	42
23			20	19			4	51			10	90			5	65			5	72	0	0	46	97
24			15	61			5	11			7	48			2	43			4	12	0	0	34	75
25			15	65			3	42			10	43			3	11			5	20	0	0	37	81
26			15	60			4	11			7	4			2	85			4	81	0	0	34	41
27			13	25			3	11			8	56			15	99			5	91	0	0	46	82
28			10	46			4	32			10	50			4	20			6	41	0	0	35	89
29			9	1			2	71			5	89			5	79			3	9	0	0	26	49
30			8	79			3	22			8	86			3	44			2	2	0	0	26	33
31			12	44			4	11			13	10			3	67			6	62	0	0	39	94
32			15	66			1	39			8	10			5	2			5	19	0	0	35	36
33			9	64			1	31			9	78			21	71			5	32	0	0	47	76
34			16	28			2	11			8	79			5	18			4	24	0	0	36	60
35			16	30			3	99			13	30			3	63			5	13	0	0	42	35
36			17	26			2	34			11	2			7	33			6	92	0	0	44	87
37			19	8			0	36			8	91			3	45			6	32	0	0	38	12
38			16	64			5	75			9	97			2	28			6	29	0	0	40	93
39			14	57			2	86			10	24			4	16			6	31	0	0	38	14
40			15	87			3	18			9	71			6	24			7	12	0	0	42	12
41			18	9			4	71			6	62			2	88			6	48	0	0	38	78
42			17	19			4	43			8	41			4	77			3	64	0	0	38	44
43			20	47			3	14			10	88			2	68			4	1	0	0	41	18
44			20	27			2	2			10	58			4	67			4	30	0	0	41	84
45			22	8			5	23			6	53			3	44			5	43	0	0	42	71
46			18	40			3	64			9	61			4	71			6	48	0	0	42	84
47			17	75			3	36			8	83			5	27			6	0	0	0	41	21
48			15	23			4	88			7	17			4	9			4	11	0	0	35	48
49			15	43			6	92			4	80			7	25			4	48	0	0	38	88
50			16	72			3	83			4	14			5	76			5	16	0	0	35	61
51			18	66			4	46			6	99			3	12			5	3	0	0	38	26
52			14	46			2	23			4	5			2	62			4	70	0	0	28	6
53			14	81			7	94			4	73			1	71			8	37	0	0	37	56
54			11	73			2	94			5	29			4	81			5	61	0	0	30	38
55			13	30			3	26			10	52			1	24			6	15	0	0	34	47
56			11	34			4	82			7	99			2	35			5	37	0	0	31	87
57			10	71			5	48			5	12			3	31			5	49	0	0	30	11
58			9	84			3	89			4	72			2	25			5	5	0	0	25	75
59			7	81			3	5			4	54			7	95			4	88	0	0	28	23
60			8	59			4	12			4	78			1	63			5	52	0	0	24	64
61			8	83			4	94			6	31			2	48			5	50	0	0	28	6

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			8	38			5	36			4	81			3	54			4	66	0	0	26	75
63			10	43			5	90			4	81			2	31			5	25	0	0	28	70
64			11	12			3	80			3	41			2	78			6	62	0	0	27	73
65			13	9			4	64			5	37			2	83			5	43	0	0	31	36
66			14	50			5	80			6	89			2	95			4	79	0	0	34	93
67			16	4			6	63			2	25			2	91			4	8	0	0	31	91
68			17	49			4	50			4	12			2	65			5	81	0	0	34	57
69			17	78			5	92			4	48			3	44			5	44	0	0	37	6
70			18	42			9	20			4	92			5	67			5	8	0	0	43	29
71			21	95			2	65			4	56			3	25			3	84	0	0	36	25
72			22	77			3	84			7	61			3	47			9	98	0	0	47	67
73			20	21			4	97			4	5			2	55			4	67	0	0	36	45
74			20	92			3	39			3	81			2	62			5	18	0	0	35	92
75			20	40			4	81			5	8			3	41			5	90	0	0	39	60
76			19	63			3	8			5	60			1	95			6	2	0	0	36	28
77			14	94			2	52			5	15			2	59			5	0	0	0	30	20
78			13	30			3	77			4	99			3	72			4	88	0	0	30	66
79			15	76			3	87			6	0			3	47			4	65	0	0	33	75
80			13	91			3	24			6	28			3	37			5	44	0	0	32	24
81			14	96			4	9			5	26			4	20			6	44	0	0	34	95
82			14	42			4	23			5	81			2	25			5	77	0	0	32	48
83			17	37			4	87			8	99			3	19			5	15	0	0	39	57
84			18	64			5	92			10	93			3	44			6	66	0	0	45	59
85			19	88			4	59			7	89			2	4			5	8	0	0	39	48
86			13	35			5	65			7	49			3	15			6	8	0	0	35	72
87			13	44			4	78			4	19			3	71			7	82	0	0	33	94
88			17	92			5	72			11	41			3	48			5	75	0	0	44	28
89			16	3			6	22			5	55			5	24			5	68	0	0	38	72
90			19	55			6	71			6	40			3	63			6	85	0	0	43	14
91			20	12			6	17			10	63			15	45			4	45	0	0	56	82
92			21	46			6	23			8	12			25	20			4	33	0	1	5	42
93			21	25			4	77			23	99			19	16			5	31	0	1	14	48
94			23	53			5	41			5	14			11	74			6	90	0	0	52	72
95			20	26			6	3			7	86			3	72			5	9	0	0	42	96
96			29	81			7	27			7	96			3	95			7	97	0	0	56	96
97			19	10			5	28			8	55			5	2			6	29	0	0	44	24
98			19	26			4	37			9	20			3	82			6	4	0	0	42	69
99			18	30			5	80			6	33			3	67			5	3	0	0	39	13
100			20	9			6	16			8	48			3	44			5	87	0	0	44	4
101			14	32			7	25			10	10			3	71			4	90	0	0	40	28
102			14	53			5	25			10	91			3	17			3	8	0	0	36	94
103			15	91			6	84			7	24			4	9			4	28	0	0	38	36
104			18	63			5	24			8	38			5	29			2	1	0	0	39	55
105			29	97			4	10			5	99			7	90			4	71	0	0	52	67
106			20	72			5	38			9	87			3	12			5	13	0	0	44	22
107			31	76			6	44			9	9			4	27			5	99	0	0	57	55
108			27	36			7	63			10	59			3	37			9	71	0	0	58	66
109			24	43			6	54			11	71			11	16			5	65	0	0	59	49
110			16	41			6	12			8	77			10	25			5	9	0	0	46	64
111			16	98			6	31			9	3			12	24			4	4	0	0	48	60
Total	0	30	33	90	0	7	33	71	0	13	50	70	0	8	59	89	0	9	46	93	1	12	6	81
Mean	0	0	16	52	0	0	4	9	0	0	7	48	0	0	4	86	0	0	5	34	0	0	39	33
Skill	0.06				0.06				0				-0.1				-0.22							
Effort	0.05				0.05				0				-0.08				-0.17							
Condition	0.02				0.02				0				-0.03				-0.07							
Consistency	-0.02				0.03				-0.02				-0.02				0.01							
Algebraic sum	0.11				0.16				-0.02				-0.23				-0.45							
Performance factor	1.11				1.16				0.98				0.77				0.55							
Waktu normal	0	33	55	63	0	8	46	30	0	13	34	9	0	6	55	72	0	5	22	81	1	10	17	47

TANGGAL : 29 Oktober 2013
WAKTU : 10:58

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XIV)																								
Waktu persiapan									0	0	40	91	Waktu normal								0	0	54	0
Skill									0.15				Consistency								-0.02			
Effort									0.13				Algebraic sum								0.32			
Condition									0.06				Performance factor								1.32			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			10	25			0	93			4	68			0	64			4	25	0	1	1	66
2			13	0			0	62			5	45			0	81			5	45	0	0	25	33
3			15	35			0	87			6	35			1	11			6	31	0	0	29	99
4			15	57			1	33			7	75			0	5			5	47	0	0	30	17
5			13	30			0	48			2	87			0	31			5	78	0	0	22	74
6			10	9			0	75			7	73			1	72			6	41	0	0	26	70
7			14	78			1	66			8	76			1	25			5	21	0	0	31	66
8			15	96			1	14			10	35			1	98			6	71	0	0	36	14
9			12	97			1	87			7	16			2	31			5	22	0	0	29	53
10			16	53			0	4			9	59			1	1			6	58	0	0	33	75
11			24	9			1	82			6	81			1	78			4	30	0	0	38	80
12			17	13			1	16			7	1			1	83			3	81	0	0	30	94
13			15	67			1	15			9	36			2	95			5	82	0	0	34	95
14			13	18			2	83			7	53			2	91			4	23	0	0	30	68
15			16	53			1	28			8	65			2	52			6	72	0	0	35	70
16			19	86			1	3			12	87			3	44			3	62	0	0	40	82
17			20	58			2	0			9	43			2	77			5	47	0	0	40	25
18			19	88			2	46			10	79			2	45			6	10	0	0	41	68
19			18	17			2	50			10	72			2	90			7	49	0	0	41	78
20			10	51			2	5			10	82			3	62			6	84	0	0	33	84
21			13	55			3	6			7	97			3	95			4	63	0	0	33	16
22			8	46			2	21			6	52			3	96			5	12	0	0	26	27
23			10	34			2	89			7	85			3	59			4	5	0	0	28	72
24			12	26			3	36			9	11			3	47			4	23	0	0	32	43
25			15	61			3	61			9	51			2	70			5	61	0	0	37	4
26			8	70			4	53			10	0			4	99			4	42	0	0	32	64
27			10	51			4	54			13	98			2	20			6	52	0	0	37	75
28			11	49			3	30			11	77			3	33			2	55	0	0	32	44
29			21	34			3	3			7	50			3	79			5	96	0	0	41	62
30			10	47			3	14			9	18			3	44			5	91	0	0	32	14
31			7	37			2	80			9	6			3	4			5	48	0	0	27	75
32			14	96			3	74			9	28			2	15			6	37	0	0	36	50
33			11	22			3	75			6	4			3	2			7	0	0	0	31	3
34			17	7			4	51			8	65			3	18			7	68	0	0	41	9
35			24	72			3	5			10	37			3	48			5	20	0	0	46	82
36			16	35			3	65			10	71			3	63			6	65	0	0	40	99
37			17	16			5	40			6	16			3	33			5	71	0	0	37	76
38			10	91			3	78			4	47			6	57			6	24	0	0	31	97
39			37	96			3	75			8	14			3	94			7	34	0	1	1	13
40			17	4			3	32			6	34			3	44			8	66	0	0	38	80
41			18	12			4	30			14	14			4	74			7	99	0	0	49	29
42			21	75			4	62			7	27			3	72			6	57	0	0	43	93
43			25	48			4	21			5	31			3	88			5	56	0	0	44	44
44			15	15			4	41			5	31			5	77			4	27	0	0	34	91
45			11	96			5	41			4	2			3	8			4	88	0	0	29	35
46			17	90			4	66			6	95			5	82			3	81	0	0	39	14
47			15	21			4	32			6	38			5	67			5	97	0	0	37	55
48			21	66			5	8			8	92			3	85			2	72	0	0	42	23
49			22	32			5	35			3	99			3	41			3	7	0	0	38	14
50			16	78			5	18			5	64			3	71			4	37	0	0	35	68
51			6	19			9	12			1	65			3	17			3	28	0	0	23	41
52			6	47			4	43			8	13			3	25			4	55	0	0	26	83
53			10	15			4	46			6	19			4	29			4	47	0	0	29	56
54			10	32			5	5			7	71			4	90			3	35	0	0	31	33
55			12	97			4	30			5	9			4	62			3	32	0	0	30	30
56			11	88			4	93			8	8			4	96			5	54	0	0	35	39
57			9	9			3	66			10	48			4	21			4	18	0	0	31	62
58			11	40			5	60			6	47			5	91			3	16	0	0	32	54
59			12	8			5	99			7	20			4	78			3	24	0	0	33	29
60			14	1			6	39			8	68			4	26			4	20	0	0	37	54
61			8	93			4	53			8	14			8	51			4	32	0	0	34	43

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			20	0			4	92			7	76			4	48			5	2	0	0	42	18
63			4	2			4	37			6	96			4	0			4	35	0	0	23	70
64			22	0			5	20			9	90			4	8			4	23	0	0	45	41
65			24	34			5	42			8	52			9	24			2	39	0	0	49	91
66			27	5			11	58			8	46			3	76			4	11	0	0	54	96
67			30	75			5	68			11	54			3	25			4	53	0	0	55	75
68			15	4			7	4			7	56			4	32			3	36	0	0	37	32
69			11	6			7	62			9	21			4	2			3	69	0	0	35	60
70			32	88			7	76			8	21			4	55			5	53	0	0	58	93
71			12	58			6	79			8	86			5	31			4	24	0	0	37	78
72			26	1			5	42			8	36			10	31			3	54	0	0	53	64
73			17	48			4	70			8	23			6	1			7	42	0	0	43	84
74			31	43			4	24			8	21			6	33			3	70	0	0	53	91
75			20	2			4	49			11	32			7	23			4	34	0	0	47	40
76			26	79			4	30			9	50			6	43			5	46	0	0	52	48
77			17	81			5	32			11	85			6	98			4	37	0	0	46	33
78			14	29			5	98			10	77			5	96			2	5	0	0	39	5
79			13	25			4	84			9	1			5	63			5	97	0	0	38	70
80			12	15			5	41			10	65			5	27			5	73	0	0	39	21
81			11	41			5	97			6	56			4	75			5	4	0	0	33	73
82			17	20			3	83			4	21			4	85			5	90	0	0	35	99
83			9	35			7	70			5	52			4	81			4	55	0	0	31	93
84			10	15			5	83			7	20			4	65			2	72	0	0	30	55
85			11	17			5	89			7	27			5	56			4	55	0	0	34	44
86			8	3			5	90			5	64			5	60			3	80	0	0	28	97
87			8	16			6	52			9	93			5	11			3	31	0	0	33	3
88			12	72			5	91			3	71			6	51			6	77	0	0	35	62
89			10	50			5	97			4	66			5	76			5	6	0	0	31	95
90			9	50			12	72			3	37			5	1			2	1	0	0	32	61
91			10	7			5	47			3	84			5	37			3	93	0	0	28	68
92			12	65			6	59			3	5			6	47			3	60	0	0	32	36
93			11	12			6	90			5	64			4	2			3	2	0	0	30	70
94			10	7			6	89			2	71			4	80			4	31	0	0	28	78
95			11	5			7	91			4	12			3	92			3	49	0	0	30	49
96			10	28			6	33			5	16			6	64			2	91	0	0	31	32
97			8	97			6	52			3	72			6	66			2	76	0	0	28	63
98			8	80			6	27			4	18			3	73			2	16	0	0	25	14
99			6	86			7	30			5	65			4	85			3	1	0	0	27	67
100			10	50			9	51			5	0			4	96			3	43	0	0	33	40
101			18	74			6	21			9	8			4	8			4	55	0	0	42	66
102			13	88			6	3			6	30			6	1			3	60	0	0	35	82
103			7	59			5	93			6	93			6	81			3	61	0	0	30	87
104			10	72			5	69			4	11			8	72			4	23	0	0	33	47
105			12	79			4	92			8	7			6	11			4	37	0	0	36	26
106			11	97			6	28			5	3			6	85			3	37	0	0	33	50
107			9	16			4	59			10	50			6	89			3	98	0	0	35	12
108			15	15			6	63			7	7			5	91			2	65	0	0	37	41
Total	0	26	38	22	0	8	18	68	0	13	36	15	0	7	48	64	0	8	30	66	1	5	33	26
Mean	0	0	14	80	0	0	4	62	0	0	7	56	0	0	4	34	0	0	4	73	0	0	36	42
Skill	0.11				0				0				-0.05				-0.1							
Effort	0.1				0				0				-0.04				-0.08							
Condition	0.04				0				0				-0.03				-0.03							
Consistency	-0.02				0.03				-0.02				0.04				0.01							
Algebraic sum	0.23				0.03				-0.02				-0.08				-0.2							
Performance factor	1.23				1.03				0.98				0.92				0.8							
Waktu normal	0	32	45	81	0	8	33	64	0	13	19	83	0	7	11	15	0	6	48	53	1	9	32	96

TANGGAL : 29 Oktober 2013
WAKTU : 11:03

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XV)																								
Waktu persiapan									0	1	3	76	Waktu normal								0	1	23	53
Skill										0.13			Consistency									0		
Effort										0.12			Algebraic sum									0.31		
Condition										0.06			Performance factor									1.31		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			12	9			0	57			6	28			0	24			2	7	0	1	25	1
2			14	7			1	13			5	55			0	54			4	7	0	0	25	36
3			10	66			1	20			5	47			0	45			4	64	0	0	22	42
4			15	21			1	60			7	32			1	82			4	20	0	0	30	15
5			8	55			0	62			5	33			1	34			3	3	0	0	18	87
6			8	13			0	72			6	13			1	46			3	53	0	0	19	97
7			3	95			0	85			7	18			1	87			2	89	0	0	16	74
8			12	17			0	97			4	96			1	61			4	72	0	0	24	43
9			8	6			1	2			6	16			2	15			3	12	0	0	20	51
10			17	78			1	76			6	20			1	70			3	96	0	0	31	40
11			9	5			1	97			2	32			1	92			4	1	0	0	19	27
12			6	18			2	9			6	35			2	21			4	64	0	0	21	47
13			3	20			1	27			6	30			1	31			3	47	0	0	15	55
14			3	4			1	2			5	35			2	67			2	79	0	0	14	87
15			9	84			1	10			6	41			2	3			4	59	0	0	23	97
16			12	3			1	42			4	46			2	1			4	94	0	0	24	86
17			11	51			1	14			4	49			1	70			3	41	0	0	22	25
18			13	22			1	83			14	39			2	35			4	87	0	0	36	66
19			7	53			2	8			9	64			2	55			3	85	0	0	25	65
20			11	99			2	90			8	69			2	91			4	52	0	0	31	1
21			12	92			2	98			7	53			3	54			2	45	0	0	29	42
22			14	4			2	26			5	78			3	54			4	93	0	0	30	55
23			10	12			1	78			5	42			2	75			3	31	0	0	23	38
24			11	75			2	47			10	82			5	76			3	55	0	0	34	35
25			8	67			2	9			10	34			3	19			4	99	0	0	29	28
26			16	96			2	17			5	46			3	30			5	64	0	0	33	53
27			8	69			3	59			8	80			3	27			4	73	0	0	29	8
28			8	42			2	79			8	67			3	26			4	23	0	0	27	37
29			12	70			2	57			6	96			2	11			4	45	0	0	28	79
30			13	88			3	37			6	66			3	59			3	88	0	0	31	38
31			11	24			3	61			9	72			3	4			3	21	0	0	30	82
32			12	49			2	66			11	87			3	31			3	35	0	0	33	68
33			13	78			3	22			15	40			4	7			3	64	0	0	40	11
34			11	97			4	8			11	45			3	62			3	31	0	0	34	43
35			10	54			4	4			7	62			3	3			2	98	0	0	28	21
36			7	98			3	90			7	87			4	36			3	98	0	0	28	9
37			9	74			3	55			11	30			4	36			4	90	0	0	33	85
38			18	41			3	72			13	74			4	32			2	45	0	0	42	64
39			29	97			2	55			8	71			5	39			4	15	0	0	50	77
40			23	83			4	50			10	88			3	13			3	71	0	0	46	5
41			18	81			4	80			11	38			3	54			2	72	0	0	41	25
42			14	35			3	77			13	78			5	87			3	89	0	0	41	66
43			21	33			5	6			8	26			5	9			5	19	0	0	44	93
44			16	61			3	1			9	88			3	72			5	38	0	0	38	60
45			22	89			5	93			13	44			3	47			3	15	0	0	48	88
46			31	90			3	2			9	2			5	61			5	54	0	0	55	9
47			17	95			3	31			7	8			4	63			4	13	0	0	37	10
48			13	16			3	16			7	91			4	62			3	75	0	0	32	60
49			18	52			4	77			6	31			5	14			5	2	0	0	39	76
50			5	66			4	66			1	9			6	70			4	91	0	0	23	2
51			3	95			4	19			4	29			6	65			7	32	0	0	26	40
52			4	97			6	16			4	23			5	78			3	44	0	0	24	58
53			3	47			5	1			4	28			5	32			4	21	0	0	22	29
54			2	91			5	37			3	44			5	52			3	95	0	0	21	19
55			6	6			5	52			3	41			5	46			4	62	0	0	25	7
56			5	89			6	55			5	42			6	35			3	96	0	0	28	17
57			3	52			5	96			3	10			5	67			5	80	0	0	24	5
58			3	52			5	91			16	16			5	2			5	15	0	0	35	76
59			11	87			6	48			1	47			7	94			3	63	0	0	31	39
60			17	34			11	24			5	41			5	4			5	86	0	0	44	89
61			16	52			6	37			4	38			5	72			3	53	0	0	36	52

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			13	27			6	98			4	34			6	79			3	97	0	0	35	35
63			15	83			6	44			3	35			6	5			3	56	0	0	35	23
64			16	70			7	71			1	32			6	25			4	47	0	0	36	45
65			14	51			7	14			2	66			8	84			4	68	0	0	37	83
66			14	63			6	34			7	33			6	16			5	92	0	0	40	38
67			14	92			6	66			2	13			7	55			3	81	0	0	35	7
68			15	21			8	38			1	1			7	41			5	97	0	0	37	98
69			14	71			6	64			2	54			7	61			2	32	0	0	33	82
70			15	16			6	57			2	27			5	77			3	3	0	0	32	80
71			17	45			6	55			1	5			5	20			4	16	0	0	34	41
72			13	93			7	56			3	37			4	32			1	21	0	0	30	39
73			16	45			5	99			3	83			4	31			3	16	0	0	33	74
74			18	92			5	81			5	41			6	27			3	83	0	0	40	24
75			20	91			4	21			2	4			6	28			3	94	0	0	37	38
76			28	88			5	97			3	71			7	42			3	37	0	0	49	35
77			17	28			5	27			2	5			9	38			3	34	0	0	37	32
78			11	86			5	7			6	38			6	25			2	30	0	0	31	86
79			19	63			4	32			8	77			8	18			2	50	0	0	43	40
80			20	6			3	37			8	16			7	89			2	45	0	0	41	93
81			17	45			3	5			3	25			7	43			2	13	0	0	33	31
82			16	59			4	66			1	16			5	35			2	30	0	0	30	6
83			18	93			3	22			10	27			6	1			2	53	0	0	40	96
84			32	26			3	73			9	24			6	94			2	88	0	0	55	5
85			34	92			1	4			8	41			5	31			3	77	0	0	53	45
86			31	31			3	84			7	76			5	18			6	91	0	0	55	0
87			32	70			2	90			6	1			3	27			5	41	0	0	50	29
88			23	4			3	12			6	34			11	5			5	9	0	0	48	64
89			22	96			3	55			7	75			6	2			4	3	0	0	44	31
90			14	9			3	70			9	12			5	88			3	57	0	0	36	36
91			18	70			2	50			5	41			4	31			3	60	0	0	34	52
92			13	61			3	80			7	37			9	40			3	72	0	0	37	90
93			13	83			3	77			8	83			5	31			6	85	0	0	38	59
94			14	27			3	28			12	55			6	0			7	8	0	0	43	18
95			10	99			3	66			8	47			4	62			4	17	0	0	31	91
96			12	89			4	16			10	35			4	24			3	14	0	0	34	78
97			13	34			4	24			9	33			3	54			5	8	0	0	35	53
98			19	42			3	60			10	13			3	81			5	47	0	0	42	43
99			19	64			3	31			1	18			3	61			6	74	0	0	34	48
100			18	40			3	38			10	96			4	63			6	3	0	0	43	40
101			10	12			5	49			10	55			6	91			6	79	0	0	39	86
102			10	53			3	77			6	24			6	45			8	3	0	0	35	2
103			10	76			5	66			7	35			7	52			7	96	0	0	39	25
104			17	14			4	19			8	35			8	93			4	30	0	0	42	91
105			16	89			4	16			5	51			7	44			4	18	0	0	38	18
106			14	31			4	1			13	41			7	49			6	15	0	0	45	37
107			14	16			3	4			8	41			9	17			2	54	0	0	37	32
108			13	68			4	9			9	39			10	36			2	53	0	0	40	5
109			11	97			4	61			10	49			6	64			2	9	0	0	35	80
110			31	99			4	83			13	36			7	59			2	57	0	1	0	34
111			14	42			2	41			11	69			8	91			5	72	0	0	43	15
Total	0	26	53	18	0	7	11	16	0	13	8	8	0	9	7	89	0	7	41	66	1	5	5	73
Mean	0	0	14	53	0	0	3	88	0	0	7	10	0	0	4	94	0	0	4	16	0	0	35	19
Skill	0.11				0.08				0				-0.16				-0.05							
Effort	0.1				0.08				0				-0.12				-0.04							
Condition	0.04				0.02				0				-0.03				0							
Consistency	-0.02				0				-0.04				0.03				-0.02							
Algebraic sum	0.23				0.18				-0.04				-0.28				-0.11							
Performance factor	1.23				1.18				0.96				0.72				0.89							
Waktu normal	0	33	4	21	0	8	28	77	0	12	36	56	0	6	34	48	0	6	50	88	1	8	58	43

TANGGAL : 29 Oktober 2013
WAKTU : 12:31

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XVI)																								
Waktu persiapan								0	5	0	10	Waktu normal								0	2	30	5	
Skill								-0.22				Consistency								-0.04				
Effort								-0.17				Algebraic sum								-0.5				
Condition								-0.07				Performance factor								0.5				
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			13	2			0	41			7	11			0	62			6	3	0	5	27	29
2			5	55			0	31			6	0			0	96			5	92	0	0	18	74
3			8	78			0	26			5	83			0	9			5	66	0	0	20	62
4			16	37			0	33			5	99			0	31			5	19	0	0	28	19
5			14	27			0	54			7	16			0	67			6	26	0	0	28	90
6			15	77			1	68			6	27			1	94			3	68	0	0	29	34
7			17	75			0	39			5	42			0	23			5	25	0	0	29	4
8			9	2			0	90			6	43			0	81			6	13	0	0	23	29
9			10	12			0	23			7	43			0	39			5	45	0	0	23	62
10			6	80			0	25			6	34			1	54			6	5	0	0	20	98
11			3	40			1	41			5	47			1	1			4	83	0	0	16	12
12			12	9			1	17			7	27			1	61			4	30	0	0	26	44
13			12	16			1	92			6	12			1	51			5	11	0	0	26	82
14			19	27			1	2			7	74			3	12			6	9	0	0	37	24
15			11	76			0	54			7	57			1	97			2	82	0	0	24	66
16			13	20			1	4			10	63			1	39			5	2	0	0	31	28
17			9	35			1	9			9	74			1	44			6	5	0	0	27	67
18			12	79			1	69			10	53			2	53			7	89	0	0	35	43
19			13	22			2	92			6	85			1	2			5	40	0	0	29	41
20			10	1			1	27			6	74			1	49			5	69	0	0	25	20
21			16	53			1	28			9	36			1	17			7	20	0	0	35	54
22			8	30			2	3			8	58			2	66			5	71	0	0	27	28
23			12	29			2	97			9	69			2	36			3	84	0	0	31	15
24			16	2			1	83			9	65			2	90			5	37	0	0	35	77
25			9	36			2	59			4	36			2	57			2	4	0	0	20	92
26			12	83			2	2			7	50			2	68			3	92	0	0	28	95
27			13	46			1	6			10	35			1	86			4	91	0	0	31	64
28			11	93			3	27			6	69			3	73			3	43	0	0	29	5
29			12	37			1	12			7	94			2	79			5	65	0	0	29	87
30			13	24			2	33			7	77			2	21			3	72	0	0	29	27
31			14	24			2	94			6	27			2	69			4	31	0	0	30	45
32			10	34			2	78			7	72			3	26			5	79	0	0	29	89
33			10	20			2	93			6	69			3	96			4	25	0	0	28	3
34			9	29			2	11			7	35			9	29			4	6	0	0	32	10
35			18	51			3	72			6	41			3	16			4	82	0	0	36	62
36			29	25			1	30			8	31			4	75			3	12	0	0	46	73
37			12	24			1	22			6	94			4	84			4	84	0	0	30	8
38			16	90			2	58			6	1			4	98			7	99	0	0	38	46
39			8	40			2	72			10	0			3	28			4	56	0	0	28	96
40			6	95			6	73			9	34			4	74			5	51	0	0	33	27
41			16	36			2	87			5	12			6	81			4	88	0	0	36	4
42			28	41			2	55			11	2			5	4			5	33	0	0	52	35
43			20	81			2	85			8	43			5	98			5	12	0	0	43	19
44			17	67			3	17			5	86			4	89			4	69	0	0	36	28
45			13	52			3	75			7	55			4	37			4	83	0	0	34	2
46			18	13			2	12			7	79			6	14			6	74	0	0	40	92
47			17	89			4	54			10	21			5	11			5	86	0	0	43	61
48			6	45			2	26			6	74			4	88			2	56	0	0	22	89
49			11	36			3	29			6	69			4	41			3	35	0	0	29	10
50			7	81			3	99			9	85			4	25			3	67	0	0	29	57
51			14	40			3	61			7	58			7	45			2	27	0	0	35	31
52			9	16			3	35			7	96			6	85			2	7	0	0	29	39
53			12	20			5	66			7	31			4	65			3	42	0	0	33	24
54			13	30			3	38			6	62			4	69			4	39	0	0	32	38
55			8	17			3	54			5	16			5	20			3	27	0	0	25	34
56			2	16			3	0			7	75			5	61			3	52	0	0	22	4
57			12	25			2	58			7	98			5	58			3	85	0	0	32	24
58			15	90			3	1			6	85			8	76			2	25	0	0	36	77
59			8	45			3	71			6	36			4	37			1	53	0	0	24	42
60			16	38			3	30			7	25			4	52			2	84	0	0	34	29
61			25	37			3	0			7	81			5	92			2	58	0	0	44	68

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			24	11			4	27			7	4			5	91			2	67	0	0	44	0
63			4	34			3	71			7	22			3	65			3	53	0	0	22	45
64			12	12			3	5			13	89			4	33			3	22	0	0	36	61
65			21	62			3	11			22	37			4	51			2	77	0	0	54	38
66			12	4			3	11			7	26			4	14			3	8	0	0	29	63
67			25	3			3	56			7	14			5	56			3	2	0	0	44	31
68			27	73			7	18			9	31			5	74			3	61	0	0	53	57
69			12	17			3	0			7	67			4	53			4	51	0	0	31	88
70			27	2			3	9			6	67			6	90			3	13	0	0	46	81
71			15	15			3	34			8	23			4	85			3	14	0	0	34	71
72			15	42			4	67			10	40			4	16			3	64	0	0	38	29
73			57	15			3	55			12	25			5	13			4	45	0	1	22	53
74			11	0			3	49			10	11			5	16			2	39	0	0	32	15
75			46	17			5	30			9	10			4	89			2	54	0	1	8	0
76			42	41			3	71			6	1			5	78			4	97	0	1	2	88
77			23	38			3	49			6	61			6	24			5	60	0	0	45	32
78			20	53			3	89			9	45			6	13			4	16	0	0	44	16
79			31	13			5	35			5	97			6	20			3	55	0	0	52	20
80			32	43			3	1			10	39			4	52			3	93	0	0	54	28
81			26	38			4	94			14	39			4	43			3	66	0	0	53	80
82			25	69			4	99			11	33			3	21			4	90	0	0	50	12
83			24	78			4	16			10	53			4	78			2	96	0	0	47	21
84			17	11			5	87			1	49			4	44			3	32	0	0	32	23
85			39	39			4	62			10	17			5	10			2	85	0	1	2	13
86			20	34			4	51			10	66			4	32			4	8	0	0	43	91
87			32	41			3	38			12	36			4	89			3	43	0	0	56	47
88			12	68			3	45			7	58			5	26			3	30	0	0	32	27
89			46	16			3	15			14	90			4	75			3	30	0	1	12	26
90			14	90			3	22			9	57			4	77			3	7	0	0	35	53
91			10	11			4	51			14	68			6	86			3	48	0	0	39	64
92			7	23			3	38			10	22			4	36			4	41	0	0	29	60
93			8	29			3	0			10	64			4	41			2	75	0	0	29	9
94			8	41			3	32			11	48			5	93			4	26	0	0	33	40
95			12	17			4	67			11	93			5	54			4	84	0	0	39	15
96			10	33			4	43			10	93			5	25			4	54	0	0	35	48
97			8	32			3	79			15	88			3	15			3	6	0	0	34	20
98			7	90			3	5			13	65			4	31			4	58	0	0	33	49
99			8	4			2	47			22	32			4	41			3	72	0	0	40	96
100			11	69			5	97			15	60			5	7			3	62	0	0	41	95
101			11	92			3	34			13	50			3	13			4	78	0	0	36	67
102			11	27			3	50			11	25			6	16			4	42	0	0	36	60
103			7	33			3	31			10	45			6	89			2	58	0	0	30	56
104			10	32			3	78			13	54			4	19			4	57	0	0	36	40
105			8	20			4	42			11	7			5	26			4	22	0	0	33	17
106			9	83			4	32			7	32			5	68			4	93	0	0	32	8
107			10	90			4	5			6	61			7	75			4	60	0	0	33	91
108			5	40			3	45			9	77			5	25			3	45	0	0	27	32
109			15	72			3	15			7	34			6	67			3	7	0	0	35	95
110			46	23			5	38			7	18			6	44			3	77	0	1	9	0
111			20	49			5	43			7	87			8	62			5	18	0	0	47	59
Total	0	29	24	39	0	5	37	32	0	16	20	76	0	7	49	62	0	7	50	49	1	12	2	68
Mean	0	0	15	90	0	0	3	4	0	0	8	84	0	0	4	23	0	0	4	24	0	0	38	94
Skill	0.08				0.13				-0.1				-0.05				-0.05							
Effort	0.08				0.12				-0.08				-0.04				-0.04							
Condition	0.04				0.06				-0.03				0				0							
Consistency	-0.04				0.03				-0.02				0.03				0							
Algebraic sum	0.16				0.34				-0.23				-0.06				-0.09							
Performance factor	1.16				1.34				0.77				0.94				0.91							
Waktu normal	0	34	6	69	0	7	32	1	0	12	35	19	0	7	21	44	0	7	8	15	1	11	13	53

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WAKTU : 12:48

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XVII)																								
Waktu persiapan									0	3	40	51	Waktu normal								0	3	14	5
Skill										-0.05			Consistency									0		
Effort										-0.04			Algebraic sum									-0.12		
Condition										-0.03			Performance factor									0.88		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			3	33			0	65			6	0			0	53			4	97	0	3	55	99
2			6	61			0	21			8	55			0	81			5	40	0	0	21	58
3			3	81			0	89			7	77			0	81			4	20	0	0	17	48
4			5	4			0	71			1	76			0	0			6	74	0	0	14	25
5			5	77			0	16			7	50			1	87			4	52	0	0	19	82
6			3	84			0	16			10	45			1	43			5	62	0	0	21	50
7			3	14			0	74			4	6			1	79			4	18	0	0	13	91
8			2	48			1	82			6	28			1	82			4	98	0	0	17	38
9			3	77			1	93			6	52			1	97			5	37	0	0	19	56
10			2	85			0	64			11	44			1	52			5	46	0	0	21	91
11			3	26			0	8			9	1			2	83			6	66	0	0	21	84
12			5	34			0	16			1	65			2	85			3	26	0	0	13	26
13			7	17			1	48			7	37			1	51			4	87	0	0	22	40
14			6	12			1	35			10	71			1	83			3	1	0	0	23	2
15			5	30			1	5			7	5			1	86			4	8	0	0	19	34
16			3	2			1	88			8	47			2	10			6	35	0	0	21	82
17			3	10			1	13			8	14			1	58			3	25	0	0	17	20
18			10	66			2	30			9	60			1	14			4	0	0	0	27	70
19			16	98			1	86			13	2			2	58			6	35	0	0	40	79
20			14	34			1	23			8	27			3	52			6	92	0	0	34	28
21			14	24			1	27			9	66			2	9			8	30	0	0	35	56
22			12	9			1	44			9	80			2	93			6	78	0	0	33	4
23			14	41			3	25			10	31			2	11			7	31	0	0	37	39
24			16	20			2	5			6	2			3	0			6	54	0	0	33	81
25			14	24			3	21			8	13			2	3			7	78	0	0	35	39
26			15	81			2	67			4	92			2	69			4	97	0	0	31	6
27			17	40			2	1			4	56			3	58			4	53	0	0	32	8
28			13	95			2	77			4	99			2	62			5	11	0	0	29	44
29			20	37			2	75			5	12			3	9			4	1	0	0	35	34
30			56	25			1	19			7	64			3	48			5	18	0	1	13	74
31			17	99			1	43			5	1			2	15			4	2	0	0	30	60
32			24	54			1	7			4	65			4	14			4	90	0	0	39	30
33			11	63			0	62			4	56			2	96			5	86	0	0	25	63
34			17	42			2	26			6	21			2	97			2	58	0	0	31	44
35			18	77			2	15			4	28			2	24			3	88	0	0	31	32
36			16	87			2	85			5	20			5	70			5	81	0	0	36	43
37			18	88			3	53			2	5			2	90			5	40	0	0	32	76
38			30	27			2	68			4	27			2	37			7	55	0	0	47	14
39			36	71			2	25			4	64			4	44			8	46	0	0	56	50
40			36	57			2	55			4	71			4	79			8	7	0	0	56	69
41			33	23			2	58			3	69			4	18			7	34	0	0	51	2
42			38	29			2	54			5	66			3	25			6	51	0	0	56	25
43			22	48			1	18			6	37			3	43			5	26	0	0	38	72
44			13	22			1	24			5	53			4	81			6	62	0	0	31	42
45			12	24			5	35			10	72			5	22			5	52	0	0	39	5
46			27	27			2	23			7	5			3	83			7	71	0	0	48	9
47			6	37			2	49			4	57			4	30			5	49	0	0	23	22
48			42	34			2	88			11	79			4	1			6	45	0	1	7	47
49			53	27			3	65			6	71			4	93			7	34	0	1	15	90
50			51	69			4	77			23	12			5	59			7	19	0	1	32	36
51			25	41			4	91			7	19			6	60			6	37	0	0	50	48
52			40	65			4	41			7	16			4	99			6	20	0	1	3	41
53			29	53			3	97			6	16			3	39			4	96	0	0	48	1
54			13	27			3	3			10	18			3	53			5	7	0	0	35	8
55			8	29			3	57			7	65			3	27			4	85	0	0	27	63
56			10	49			4	85			5	0			2	92			3	17	0	0	26	43
57			12	44			2	8			9	82			4	56			1	35	0	0	30	25
58			14	2			2	27			9	30			4	88			2	16	0	0	32	63
59			18	5			2	14			10	62			3	20			3	91	0	0	37	92
60			15	59			3	46			11	15			3	91			3	4	0	0	37	15
61			13	99			1	9			7	7			3	21			1	49	0	0	26	85

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			20	78			1	3			7	3			4	38			3	57	0	0	36	79
63			7	42			2	79			6	65			4	77			1	99	0	0	23	62
64			8	79			1	57			9	13			3	67			2	15	0	0	25	31
65			10	50			2	15			5	19			4	76			8	96	0	0	31	56
66			12	41			3	32			8	71			5	83			5	41	0	0	35	68
67			15	64			4	96			9	9			5	79			5	53	0	0	41	1
68			21	1			4	45			7	48			5	87			4	5	0	0	42	86
69			7	32			4	18			7	47			4	33			4	72	0	0	28	2
70			12	20			4	31			8	20			3	2			3	44	0	0	31	17
71			12	49			3	85			13	68			3	87			4	7	0	0	37	96
72			19	11			3	53			8	14			3	48			3	89	0	0	38	15
73			17	81			3	88			9	9			5	75			3	66	0	0	40	19
74			16	41			4	30			9	1			4	14			4	99	0	0	38	85
75			26	30			5	97			9	90			4	87			4	51	0	0	51	55
76			17	37			4	89			7	95			3	82			3	25	0	0	37	28
77			16	30			4	95			22	46			4	92			4	58	0	0	53	21
78			25	0			4	47			6	62			5	76			4	54	0	0	46	39
79			17	54			5	90			8	56			5	83			3	9	0	0	40	92
80			15	35			5	89			5	21			3	25			4	8	0	0	33	78
81			12	40			6	52			7	21			3	3			4	98	0	0	34	14
82			12	97			4	70			8	86			3	69			4	71	0	0	34	93
83			11	41			4	21			9	94			4	52			4	78	0	0	34	86
84			3	81			3	93			11	36			9	71			3	39	0	0	32	20
85			11	28			4	88			5	15			4	5			4	20	0	0	29	56
86			6	98			4	28			15	21			4	21			4	48	0	0	35	16
87			3	17			5	6			12	31			5	89			3	40	0	0	29	83
88			12	50			4	45			11	65			5	36			4	54	0	0	38	50
89			10	65			4	7			9	85			5	3			4	6	0	0	33	66
90			9	7			4	6			5	77			4	31			6	49	0	0	29	70
91			16	5			7	91			4	68			4	53			5	47	0	0	38	64
92			12	15			4	51			7	27			8	54			4	34	0	0	36	81
93			13	50			3	12			7	96			4	23			3	18	0	0	31	99
94			13	7			3	67			11	70			5	3			3	37	0	0	36	84
95			11	72			4	74			8	35			5	80			3	41	0	0	34	2
96			18	12			5	46			11	66			5	70			3	33	0	0	44	27
97			18	72			5	40			8	25			4	86			3	48	0	0	40	71
98			6	83			4	43			7	76			4	51			4	86	0	0	28	39
99			22	81			4	57			13	85			4	5			4	50	0	0	49	78
100			20	89			4	32			4	16			10	44			4	98	0	0	44	79
101			24	26			3	18			6	96			6	92			3	86	0	0	45	18
102			13	41			3	30			8	72			5	71			4	84	0	0	35	98
103			21	25			5	47			6	97			5	21			3	41	0	0	42	31
104			10	41			4	89			7	31			6	36			2	37	0	0	31	34
105			9	16			6	52			8	1			6	53			4	3	0	0	34	25
106			14	43			8	21			7	36			8	16			5	54	0	0	43	70
Total	0	28	3	44	0	5	31	37	0	14	4	71	0	6	59	13	0	8	35	71	1	6	54	87
Mean	0	0	15	88	0	0	3	13	0	0	7	97	0	0	3	95	0	0	4	87	0	0	37	88
Skill	0.08				0.13				-0.05				0				-0.16							
Effort	0.08				0.12				-0.04				0				-0.12							
Condition	0.04				0.06				-0.03				0				-0.03							
Consistency	-0.04				0.01				0.01				0.03				0							
Algebraic sum	0.16				0.32				-0.11				0.03				-0.31							
Performance factor	1.16				1.32				0.89				1.03				0.69							
Waktu normal	0	32	32	79	0	7	17	41	0	12	31	79	0	7	11	70	0	5	55	84	1	8	43	58

TANGGAL : 30 Oktober 2013
WAKTU : 10:01

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XVIII)																								
Waktu persiapan									0	1	41	56	Waktu normal								0	2	7	97
Skill										0.11			Consistency									0.01		
Effort										0.1			Algebraic sum									0.26		
Condition										0.04			Performance factor									1.26		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			6	86			0	43			2	58			0	91			13	2	0	2	5	36
2			6	55			0	5			3	14			0	32			2	55	0	0	12	61
3			4	40			0	34			3	72			1	29			3	78	0	0	13	53
4			5	74			0	31			3	10			1	16			3	37	0	0	13	68
5			3	69			1	34			3	0			3	26			6	24	0	0	17	53
6			2	26			1	50			4	27			1	45			1	36	0	0	10	84
7			2	77			1	38			2	87			1	16			1	75	0	0	9	93
8			2	96			1	78			3	13			0	38			2	83	0	0	11	8
9			5	31			0	61			3	11			1	25			2	22	0	0	12	50
10			6	29			0	45			3	11			1	11			3	99	0	0	14	95
11			4	31			0	5			3	13			2	34			3	9	0	0	12	92
12			7	22			0	34			4	0			2	12			3	1	0	0	16	69
13			4	84			0	49			4	56			2	62			2	59	0	0	15	10
14			6	98			1	31			3	9			1	12			2	27	0	0	14	77
15			11	85			1	66			4	67			2	3			2	41	0	0	22	62
16			17	28			1	61			4	12			2	17			2	46	0	0	27	64
17			13	36			2	32			3	49			1	34			3	35	0	0	23	86
18			15	74			0	0			3	30			1	41			2	79	0	0	23	24
19			14	99			0	54			4	28			1	54			2	90	0	0	24	25
20			13	4			0	83			4	92			3	39			2	40	0	0	24	58
21			15	22			1	7			5	33			2	16			2	31	0	0	26	9
22			16	74			1	34			4	83			3	11			2	16	0	0	28	18
23			13	48			1	43			5	2			3	29			2	41	0	0	25	63
24			14	37			1	69			5	6			2	6			2	50	0	0	25	68
25			17	26			2	67			5	27			3	22			2	52	0	0	30	94
26			13	14			2	14			5	36			3	2			2	28	0	0	25	94
27			18	22			2	42			8	1			3	32			2	89	0	0	34	86
28			20	48			2	43			7	33			3	4			3	45	0	0	36	73
29			24	5			2	43			7	94			4	69			3	36	0	0	42	47
30			56	93			2	34			8	45			3	16			3	73	0	1	14	61
31			17	13			2	47			6	78			3	27			3	41	0	0	33	6
32			11	93			3	67			7	11			3	2			3	20	0	0	28	93
33			20	65			2	43			5	0			4	27			3	83	0	0	36	18
34			31	32			1	74			7	35			4	61			4	22	0	0	49	24
35			17	17			1	57			6	20			5	0			3	1	0	0	32	95
36			16	60			1	63			11	90			5	41			4	53	0	0	40	7
37			18	50			1	57			8	58			4	32			3	28	0	0	36	25
38			24	25			1	0			7	16			4	13			3	29	0	0	39	83
39			36	45			1	53			8	71			3	90			3	9	0	0	53	68
40			33	45			1	85			7	49			3	69			2	25	0	0	48	73
41			36	54			1	22			6	89			4	33			2	41	0	0	51	39
42			33	32			2	91			6	35			5	99			3	46	0	0	52	3
43			32	54			3	28			8	1			4	33			3	37	0	0	51	53
44			13	77			2	58			10	94			4	32			3	27	0	0	34	88
45			18	34			2	6			6	53			5	35			2	20	0	0	34	48
46			22	71			3	65			17	13			3	62			2	20	0	0	49	31
47			34	60			2	36			14	87			6	40			3	51	0	1	1	74
48			27	87			2	69			16	13			3	2			2	16	0	0	51	87
49			13	62			2	35			10	34			4	72			2	24	0	0	33	27
50			37	96			2	69			13	51			4	23			2	77	0	1	1	16
51			36	9			2	94			15	45			5	49			2	40	0	1	2	37
52			51	31			4	11			10	4			6	41			2	9	0	1	13	96
53			30	67			3	54			8	15			6	25			2	41	0	0	51	2
54			23	67			3	83			6	38			4	31			3	52	0	0	41	71
55			11	81			3	99			19	51			7	99			2	40	0	0	45	70
56			14	40			3	43			59	47			5	11			2	13	0	1	24	54
57			14	39			4	27			1	0			5	38			2	13	0	0	27	17
58			17	11			3	67			7	67			5	26			2	2	0	0	35	73
59			18	10			3	42			15	72			6	39			2	12	0	0	45	75
60			20	1			2	43			7	71			5	34			0	34	0	0	35	83
61			20	28			2	2			13	87			5	41			3	89	0	0	45	47

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			12	60			2	34			13	55			6	68			3	85	0	0	39	2
63			23	45			3	47			7	85			7	16			3	40	0	0	45	33
64			24	12			4	27			10	53			4	11			4	5	0	0	47	8
65			25	39			2	12			8	75			4	29			3	75	0	0	44	30
66			25	33			2	74			14	12			4	6			5	41	0	0	51	66
67			31	2			2	77			17	54			5	22			3	18	0	0	59	73
68			35	49			3	65			11	0			3	2			1	40	0	0	54	56
69			31	17			2	73			7	26			3	54			4	83	0	0	49	53
70			9	7			2	27			13	31			5	90			3	98	0	0	34	53
71			10	65			3	36			13	50			6	69			2	67	0	0	36	87
72			14	58			4	76			6	61			6	27			2	85	0	0	35	7
73			15	90			4	69			4	34			5	98			3	85	0	0	34	76
74			15	26			3	35			4	35			4	37			1	22	0	0	28	55
75			15	68			3	31			3	66			6	11			3	40	0	0	32	16
76			18	79			3	75			3	38			6	17			4	16	0	0	36	25
77			19	23			3	94			1	41			5	28			4	5	0	0	33	91
78			20	44			2	1			4	54			5	25			2	38	0	0	34	62
79			21	78			3	54			3	0			4	41			3	51	0	0	36	24
80			21	60			3	34			1	14			4	32			5	68	0	0	36	8
81			21	48			4	12			2	27			4	48			3	22	0	0	35	57
82			24	35			4	2			2	30			5	77			3	14	0	0	39	58
83			26	67			4	43			2	13			6	22			4	29	0	0	43	74
84			29	73			2	71			2	11			8	52			3	80	0	0	46	87
85			14	55			2	57			3	56			5	9			3	55	0	0	29	32
86			15	74			3	74			2	9			5	3			5	40	0	0	32	0
87			17	67			4	85			6	67			5	39			3	97	0	0	38	55
88			19	44			4	49			8	55			5	13			4	16	0	0	41	77
89			20	21			3	91			10	73			5	90			5	91	0	0	46	66
90			20	92			4	58			9	87			6	92			5	20	0	0	47	49
91			21	61			4	69			7	85			7	90			3	72	0	0	45	77
92			19	75			5	50			9	53			7	15			4	20	0	0	46	13
93			10	63			4	65			7	14			20	77			3	27	0	0	46	46
94			9	57			4	36			12	46			10	37			3	24	0	0	40	0
95			21	26			4	69			10	41			5	28			5	27	0	0	46	91
96			13	37			4	50			9	50			4	68			5	27	0	0	37	32
97			10	69			3	1			10	34			5	32			4	20	0	0	33	56
98			11	20			4	75			6	44			6	69			4	20	0	0	33	28
99			11	74			5	58			8	92			7	73			4	40	0	0	38	37
100			15	21			6	69			13	75			7	50			5	29	0	0	48	44
Total	0	31	10	23	0	4	30	45	0	13	2	60	0	7	35	38	0	5	36	46	1	3	36	68
Mean	0	0	18	70	0	0	2	70	0	0	7	83	0	0	4	55	0	0	3	36	0	0	38	17
Skill	0.03				0.15				-0.05				-0.05				0.06							
Effort	0.02				0.13				-0.04				-0.04				0.05							
Condition	0				0.06				0				-0.03				0.02							
Consistency	-0.02				0.01				-0.04				0.03				0							
Algebraic sum	0.03				0.35				-0.13				-0.09				0.13							
Performance factor	1.03				1.35				0.87				0.91				1.13							
Waktu normal	0	32	6	34	0	6	5	11	0	11	20	86	0	6	54	40	0	6	20	20	1	4	54	88

TANGGAL : 30 Oktober 2013
WAKTU : 9:34

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XIX)																								
Waktu persiapan									0	2	43	6	Waktu normal								0	2	59	37
Skill										0.03			Consistency									0.03		
Effort										0.02			Algebraic sum									0.1		
Condition										0.02			Performance factor									1.1		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			10	5			0	92			4	35			0	0			3	71	0	3	2	9
2			10	65			0	79			6	9			0	90			4	49	0	0	22	92
3			9	17			1	9			5	98			1	26			5	35	0	0	22	85
4			9	54			1	61			4	28			1	12			3	69	0	0	20	24
5			12	53			1	20			4	51			0	31			3	71	0	0	22	26
6			12	62			1	10			6	27			0	70			2	91	0	0	23	60
7			14	73			1	79			5	20			1	13			5	32	0	0	28	17
8			14	26			0	1			7	15			1	24			3	16	0	0	25	82
9			21	16			0	29			10	49			1	71			4	26	0	0	37	91
10			22	34			2	66			7	73			1	13			5	90	0	0	39	76
11			18	53			0	13			4	3			1	34			5	45	0	0	29	48
12			18	75			1	96			5	37			1	49			4	16	0	0	31	73
13			19	27			1	18			4	90			1	45			4	38	0	0	31	18
14			10	47			1	34			4	62			1	12			2	90	0	0	20	45
15			17	27			1	55			3	10			2	13			4	37	0	0	28	42
16			9	64			2	1			4	70			2	12			5	11	0	0	23	58
17			9	17			2	27			6	33			1	38			3	11	0	0	22	26
18			8	86			2	52			4	23			1	34			6	75	0	0	23	70
19			10	69			2	98			4	40			1	11			4	12	0	0	23	30
20			11	66			2	26			3	48			2	34			2	62	0	0	22	36
21			13	14			3	40			5	4			2	91			2	12	0	0	26	61
22			14	88			2	65			6	46			2	65			3	3	0	0	29	67
23			14	30			2	29			2	51			2	74			6	17	0	0	28	1
24			14	31			3	73			4	61			2	34			1	34	0	0	26	33
25			16	26			3	99			3	0			3	30			1	41	0	0	27	96
26			11	20			2	21			4	20			3	99			2	16	0	0	23	76
27			10	17			2	34			5	50			3	2			3	11	0	0	24	14
28			10	76			1	35			4	29			5	55			3	0	0	0	24	95
29			9	40			1	81			4	51			3	97			3	23	0	0	22	92
30			18	15			2	17			5	87			3	36			1	25	0	0	30	80
31			12	43			2	66			5	11			3	12			1	6	0	0	24	38
32			12	76			2	0			9	67			3	11			2	33	0	0	29	87
33			12	75			2	65			4	20			4	53			1	32	0	0	25	45
34			15	37			3	31			6	65			4	46			3	90	0	0	33	69
35			17	53			2	65			6	4			3	31			1	9	0	0	30	62
36			17	51			2	32			5	88			3	35			1	92	0	0	30	98
37			20	33			3	75			5	49			3	66			4	16	0	0	37	39
38			20	54			2	22			4	1			4	13			4	27	0	0	35	17
39			20	88			3	36			8	52			2	22			5	33	0	0	40	31
40			13	16			2	35			10	96			4	32			5	32	0	0	36	11
41			13	89			2	97			7	40			3	56			4	83	0	0	32	65
42			16	71			2	62			7	47			3	89			3	62	0	0	34	31
43			17	69			3	73			4	37			3	21			4	2	0	0	33	2
44			17	85			2	42			6	31			4	32			3	72	0	0	34	62
45			18	93			1	99			5	52			4	12			4	89	0	0	35	45
46			11	34			1	1			6	89			5	13			2	16	0	0	26	53
47			10	46			2	24			5	26			4	12			4	41	0	0	26	49
48			10	64			3	83			8	38			3	30			4	31	0	0	30	46
49			11	17			2	36			23	93			3	33			3	28	0	0	44	7
50			12	34			3	1			7	18			4	11			3	32	0	0	29	96
51			12	77			2	93			5	58			4	89			4	38	0	0	30	55
52			15	63			7	2			4	50			4	91			4	39	0	0	36	45
53			17	14			3	51			2	25			4	74			4	58	0	0	32	22
54			18	45			3	70			6	59			4	40			4	2	0	0	37	16
55			9	37			4	43			4	85			4	13			4	27	0	0	27	5
56			9	55			3	97			9	71			5	30			3	61	0	0	32	14
57			10	6			3	16			8	64			4	99			4	15	0	0	31	0
58			8	26			2	40			6	57			3	2			4	0	0	0	24	25
59			12	20			3	70			9	73			3	7			5	25	0	0	33	95
60			11	76			4	91			11	91			3	18			4	11	0	0	35	87
61			13	17			4	40			9	27			3	88			3	32	0	0	34	4

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			15	21			3	62			10	12			4	35			3	30	0	0	36	60
63			17	70			4	22			5	31			5	75			3	40	0	0	36	38
64			18	60			5	93			7	0			5	66			3	38	0	0	40	57
65			20	36			4	46			6	50			4	13			3	3	0	0	38	48
66			19	41			4	70			8	99			4	59			4	78	0	0	42	47
67			9	93			3	20			6	87			4	1			4	11	0	0	28	12
68			8	13			3	59			8	11			4	78			3	39	0	0	28	0
69			12	30			3	92			7	67			5	97			5	34	0	0	35	20
70			11	41			4	9			7	27			4	19			3	33	0	0	30	29
71			14	37			5	61			7	4			4	24			3	54	0	0	34	80
72			10	87			4	83			7	11			3	53			5	16	0	0	31	50
73			10	89			4	10			9	17			4	89			5	90	0	0	34	95
74			7	16			3	28			7	22			4	28			3	11	0	0	25	5
75			12	23			3	1			7	52			5	92			3	23	0	0	31	91
76			11	16			3	29			10	46			2	33			3	41	0	0	30	65
77			13	56			4	73			10	37			5	2			6	17	0	0	39	85
78			15	84			5	66			11	54			5	69			6	92	0	0	45	65
79			18	5			8	48			7	50			5	27			4	2	0	0	43	32
80			21	65			5	34			8	51			6	12			4	54	0	0	46	16
81			23	87			5	8			9	11			4	69			4	90	0	0	47	65
82			22	61			6	2			7	86			4	94			5	14	0	0	46	57
83			20	54			5	77			8	76			5	45			5	69	0	0	46	21
84			20	71			4	27			9	56			7	78			5	92	0	0	48	24
85			19	3			4	46			10	6			5	71			4	27	0	0	43	53
86			9	26			5	18			9	65			4	0			5	33	0	0	33	42
87			12	16			6	65			9	74			5	72			5	20	0	0	39	47
88			11	80			6	52			9	67			4	20			5	83	0	0	38	2
89			14	53			4	78			9	75			4	90			5	90	0	0	39	86
90			14	75			4	51			5	34			6	16			4	33	0	0	35	9
91			14	76			4	94			5	13			5	13			5	2	0	0	34	98
92			16	27			5	96			5	17			4	16			3	15	0	0	34	71
93			11	47			5	75			6	90			4	13			4	23	0	0	32	48
94			10	27			6	53			4	6			6	34			6	16	0	0	33	36
95			9	60			6	68			6	39			7	51			4	41	0	0	34	59
96			10	36			4	51			6	71			5	24			6	26	0	0	33	8
97			9	93			4	37			5	80			4	4			5	28	0	0	29	42
98			11	43			3	73			3	27			4	15			5	32	0	0	27	90
99			12	82			4	52			6	93			5	22			7	5	0	0	36	54
100			12	89			6	79			7	46			6	51			5	11	0	0	38	76
101			14	46			6	45			7	66			6	47			6	39	0	0	41	43
102			15	49			4	80			5	34			8	0			4	16	0	0	37	79
103			21	27			5	53			4	52			7	67			5	4	0	0	44	3
Total	0	24	15	68	0	6	3	4	0	11	41	16	0	6	39	80	0	7	7	78	0	58	30	52
Mean	0	0	14	13	0	0	3	52	0	0	6	81	0	0	3	88	0	0	4	15	0	0	34	8
Skill	0.11				0.11				0.03				0				-0.05							
Effort	0.1				0.1				0.02				0				-0.04							
Condition	0.04				0.04				0				0				0							
Consistency	0				0.01				-0.02				0.04				0							
Algebraic sum	0.25				0.26				0.03				0.04				-0.09							
Performance factor	1.25				1.26				1.03				1.04				0.91							
Waktu normal	0	30	19	60	0	7	37	43	0	12	2	19	0	6	55	79	0	6	29	28	1	6	23	66

TANGGAL : 30 Oktober 2013
WAKTU : 10:07

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XX)																								
Waktu persiapan									0	1	4	87	Waktu normal								0	1	24	98
Skill										0.13			Consistency									0		
Effort										0.12			Algebraic sum									0.31		
Condition										0.06			Performance factor									1.31		
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			16	26			0	21			8	86			0	87			4	25	0	1	35	32
2			10	35			0	32			11	10			1	55			4	72	0	0	28	4
3			9	62			0	78			8	95			0	76			5	31	0	0	25	42
4			6	52			0	19			5	51			0	88			4	47	0	0	17	57
5			11	49			1	32			7	84			1	28			3	16	0	0	25	9
6			7	45			0	57			7	52			1	52			4	41	0	0	21	47
7			14	76			0	22			3	93			1	4			4	21	0	0	24	16
8			24	19			1	86			2	11			1	65			4	9	0	0	33	90
9			12	37			1	43			7	54			1	41			4	71	0	0	27	46
10			12	29			1	95			1	0			1	45			5	6	0	0	21	75
11			13	20			1	56			5	3			2	71			4	54	0	0	27	4
12			9	72			1	1			6	69			2	5			4	16	0	0	23	63
13			2	35			0	44			7	58			2	24			5	44	0	0	18	5
14			8	70			2	5			7	9			3	93			5	30	0	0	27	7
15			12	91			1	27			10	66			1	34			3	81	0	0	29	99
16			14	4			1	6			6	15			2	14			6	34	0	0	29	73
17			8	57			2	26			8	14			2	22			5	82	0	0	27	1
18			9	99			1	60			9	86			2	66			4	87	0	0	28	98
19			25	15			1	87			10	24			2	80			6	69	0	0	46	75
20			13	41			1	31			9	8			2	2			6	9	0	0	31	91
21			23	90			2	91			8	70			2	95			3	16	0	0	41	62
22			24	48			1	40			3	37			3	38			6	62	0	0	39	25
23			22	73			1	54			7	96			2	99			1	37	0	0	36	59
24			21	41			1	54			5	44			3	49			1	10	0	0	32	98
25			12	99			3	4			9	18			2	64			2	84	0	0	30	69
26			24	31			2	75			7	12			2	65			3	63	0	0	40	46
27			56	86			2	71			7	43			3	13			3	12	0	1	13	25
28			53	50			2	64			8	46			4	60			3	5	0	1	12	25
29			15	98			1	63			6	99			2	38			1	30	0	0	28	28
30			35	74			1	22			6	5			2	47			3	23	0	0	48	71
31			27	53			2	19			8	30			2	89			3	83	0	0	44	74
32			15	37			3	87			6	73			3	14			1	42	0	0	30	53
33			57	43			3	47			6	93			3	96			2	28	0	1	14	7
34			27	61			4	80			6	59			4	1			1	47	0	0	44	48
35			42	8			4	34			7	99			4	90			4	47	0	1	3	78
36			23	81			2	82			6	39			3	52			4	58	0	0	41	12
37			36	41			2	69			9	27			3	46			5	35	0	0	57	18
38			12	47			3	42			7	92			5	87			5	92	0	0	35	60
39			32	68			3	66			11	61			3	29			4	54	0	0	55	78
40			21	72			2	9			5	83			4	21			4	37	0	0	38	22
41			26	89			3	72			8	20			4	88			3	18	0	0	46	87
42			24	28			3	70			7	91			4	53			4	96	0	0	45	38
43			17	98			3	18			7	58			3	86			2	16	0	0	34	76
44			39	93			1	15			7	4			5	36			4	24	0	0	57	72
45			25	32			2	61			7	62			5	15			4	24	0	0	44	94
46			31	61			2	87			6	10			4	31			3	2	0	0	47	91
47			26	68			3	14			6	83			4	50			3	35	0	0	44	50
48			11	35			3	30			6	79			6	77			4	30	0	0	32	51
49			8	57			3	40			4	93			4	1			4	41	0	0	25	32
50			15	63			2	63			7	33			5	87			4	39	0	0	35	85
51			14	30			3	45			7	2			5	56			4	46	0	0	34	79
52			17	31			4	62			7	33			5	21			4	49	0	0	38	96
53			13	54			2	87			9	48			7	28			4	53	0	0	37	70
54			16	78			3	49			6	74			6	5			3	36	0	0	36	42
55			20	96			2	61			7	34			5	60			3	69	0	0	40	20
56			19	53			3	15			9	87			5	71			4	24	0	0	42	50
57			7	9			3	70			8	66			2	71			4	78	0	0	26	94
58			8	91			4	2			5	82			4	84			4	54	0	0	28	13
59			10	67			3	54			12	92			3	72			5	75	0	0	36	60
60			8	2			2	51			6	76			4	5			4	82	0	0	26	16
61			16	90			4	61			2	83			5	79			3	34	0	0	33	47

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			12	9			2	21			8	28			4	27			3	46	0	0	30	31
63			12	81			1	5			8	3			4	19			4	37	0	0	30	45
64			14	40			2	32			7	0			4	16			4	60	0	0	32	48
65			19	55			3	72			6	46			5	16			3	19	0	0	38	8
66			24	7			3	3			22	50			6	74			4	61	0	1	0	95
67			16	34			3	74			3	5			5	0			3	91	0	0	32	4
68			16	37			4	7			13	6			4	62			3	48	0	0	41	60
69			41	41			3	70			11	21			4	15			2	22	0	1	2	69
70			16	48			3	97			12	89			4	11			4	37	0	0	41	82
71			25	4			3	33			17	31			5	3			5	25	0	0	55	96
72			17	42			2	77			11	53			8	13			4	0	0	0	43	85
73			16	97			3	34			12	54			6	60			4	68	0	0	44	13
74			22	74			4	96			13	30			5	81			3	20	0	0	50	1
75			10	53			3	70			11	3			4	8			3	44	0	0	32	78
76			15	41			3	58			9	14			4	48			4	71	0	0	37	32
77			8	86			3	52			10	80			5	38			3	24	0	0	31	80
78			11	61			5	88			5	70			5	20			3	14	0	0	31	53
79			6	68			3	69			4	75			5	68			2	27	0	0	23	7
80			19	81			4	24			5	51			5	37			2	66	0	0	37	59
81			7	7			4	27			4	5			5	9			2	2	0	0	22	50
82			12	26			3	79			4	65			5	20			3	38	0	0	29	28
83			10	47			4	49			32	92			7	1			2	64	0	0	57	53
84			12	68			5	85			4	78			6	2			2	55	0	0	31	88
85			13	17			6	49			5	32			4	95			2	99	0	0	32	92
86			12	4			4	91			7	30			5	52			3	27	0	0	33	4
87			11	98			4	10			6	21			6	54			2	81	0	0	31	64
88			18	32			3	36			5	65			6	87			3	72	0	0	37	92
89			29	54			2	71			6	21			5	56			2	97	0	0	46	99
90			18	34			4	59			7	37			5	21			2	41	0	0	37	92
91			6	20			6	52			7	41			5	88			2	27	0	0	28	28
92			20	3			3	92			15	46			5	53			2	32	0	0	47	26
93			14	32			4	46			16	18			6	94			2	37	0	0	44	27
94			16	88			3	72			13	26			10	36			2	12	0	0	46	34
95			19	90			4	70			17	1			4	23			3	55	0	0	49	39
96			10	40			4	79			7	35			5	42			2	70	0	0	30	66
97			9	8			4	78			11	87			5	31			2	98	0	0	34	2
98			12	61			3	32			6	48			5	32			2	31	0	0	30	4
99			14	0			4	74			8	66			7	50			2	11	0	0	37	1
100			16	0			3	41			9	4			7	85			2	66	0	0	38	96
101			9	0			4	97			4	76			7	77			3	16	0	0	29	66
102			10	34			5	90			6	3			8	21			2	93	0	0	33	41
103			17	32			5	92			4	0			8	72			3	2	0	0	38	98
104			20	5			7	16			4	50			9	74			2	31	0	0	43	76
105			7	75			3	54			4	71			10	70			2	16	0	0	28	86
106			10	4			3	90			6	89			6	77			3	49	0	0	31	9
107			12	6			5	32			4	59			5	96			3	66	0	0	31	59
108			19	88			5	75			4	41			5	70			3	19	0	0	38	93
Total	0	32	14	92	0	5	44	48	0	14	39	40	0	8	16	25	0	6	40	22	1	8	40	14
Mean	0	0	17	92	0	0	3	19	0	0	8	14	0	0	4	59	0	0	3	71	0	0	38	15
Skill	0.03				0.13				-0.05				-0.1				0.03							
Effort	0.02				0.12				-0.04				-0.08				0.02							
Condition	0.02				0.06				-0.03				-0.03				0							
Consistency	-0.04				0.01				0				0.01				-0.04							
Algebraic sum	0.03				0.32				-0.12				-0.2				0.01							
Performance factor	1.03				1.32				0.88				0.8				1.01							
Waktu normal	0	33	12	97	0	7	34	71	0	12	53	87	0	6	37	0	0	6	44	22	1	8	27	75
mean (s)	17.92				3.19				8.14				4.59				3.71							

TANGGAL : 30 Oktober 2013
WAKTU : 10:39

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XXI)																								
Waktu persiapan											41	67	Waktu normal								0	0	55	0
Skill									0.15				Consistency								-0.02			
Effort									0.13				Algebraic sum								0.32			
Condition									0.06				Performance factor								1.32			
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			43	88			1	16			4	79			1	21			9	50	0	1	42	21
2			16	55			1	32			3	55			1	71			9	8	0	0	32	21
3			6	77			1	76			5	60			1	53			9	44	0	0	25	10
4			2	8			0	25			6	12			1	37			7	52	0	0	17	34
5			6	91			1	43			8	94			2	37			9	47	0	0	29	12
6			7	41			1	47			8	64			1	47			2	43	0	0	21	42
7			11	9			1	10			7	30			1	48			2	62	0	0	23	59
8			7	97			0	62			7	31			0	8			1	35	0	0	17	33
9			14	3			0	63			7	51			1	95			2	63	0	0	26	75
10			10	20			0	35			10	41			1	13			3	48	0	0	25	57
11			24	85			1	63			9	63			1	54			4	54	0	0	42	19
12			12	2			2	54			8	67			2	31			4	95	0	0	30	49
13			11	27			1	41			4	83			2	32			4	52	0	0	24	35
14			9	14			1	95			9	2			1	41			3	90	0	0	25	42
15			2	34			1	52			7	62			1	98			4	96	0	0	18	42
16			11	46			2	25			6	98			1	96			3	13	0	0	25	78
17			11	74			3	62			3	52			3	70			3	96	0	0	26	54
18			15	3			2	95			6	63			2	78			5	86	0	0	33	25
19			8	57			2	59			9	50			2	97			4	45	0	0	28	8
20			25	15			2	47			5	19			2	98			3	87	0	0	39	66
21			13	96			2	86			22	31			2	84			3	30	0	0	45	27
22			24	30			4	72			8	13			4	81			4	74	0	0	46	70
23			12	18			2	84			12	11			3	33			3	87	0	0	34	33
24			14	15			2	57			8	80			3	90			3	59	0	0	33	1
25			21	54			2	87			10	13			2	63			2	34	0	0	39	51
26			41	85			3	74			9	37			2	66			3	69	0	1	1	31
27			22	53			2	89			1	8			2	72			4	96	0	0	34	18
28			27	88			3	70			10	71			2	45			3	42	0	0	48	16
29			53	32			2	4			10	88			2	4			2	68	0	1	10	96
30			15	97			3	95			7	71			2	5			4	18	0	0	33	86
31			27	18			4	3			10	41			3	15			4	28	0	0	49	5
32			45	90			3	25			6	31			2	72			4	62	0	1	2	80
33			15	95			3	92			7	69			5	64			3	53	0	0	36	73
34			11	45			3	35			8	89			4	32			4	24	0	0	32	25
35			32	89			5	49			6	51			3	97			4	19	0	0	53	5
36			6	52			3	97			7	68			3	90			3	34	0	0	25	41
37			42	70			3	3			8	69			3	95			4	73	0	1	3	10
38			20	63			3	8			13	65			2	89			4	72	0	0	44	97
39			36	16			2	47			8	14			3	24			4	47	0	0	54	48
40			32	69			3	3			5	96			4	38			5	85	0	0	51	91
41			26	28			4	15			9	29			4	42			4	17	0	0	48	31
42			33	6			3	15			8	1			5	27			4	45	0	0	53	94
43			25	45			3	55			10	58			4	15			4	26	0	0	47	99
44			26	7			3	65			11	77			4	39			1	34	0	0	47	22
45			25	21			4	67			8	31			4	1			4	41	0	0	46	61
46			31	5			3	64			9	57			3	54			5	54	0	0	53	34
47			26	94			3	59			9	27			4	27			3	16	0	0	47	23
48			11	51			3	94			10	0			5	85			2	0	0	0	33	30
49			17	12			5	85			9	23			4	13			4	41	0	0	40	74
50			21	27			4	68			7	55			4	3			4	17	0	0	41	70
51			11	92			4	26			5	24			4	88			3	32	0	0	29	62
52			13	76			4	13			8	4			7	2			3	14	0	0	36	9
53			19	20			6	0			10	87			4	40			4	92	0	0	45	39
54			6	43			4	45			6	41			4	81			3	27	0	0	25	37
55			10	65			3	20			9	69			4	51			2	70	0	0	30	75
56			13	56			2	66			4	31			5	81			4	62	0	0	30	96
57			22	60			3	71			5	68			5	91			5	3	0	0	42	93
58			8	66			4	47			4	2			5	50			4	55	0	0	27	20
59			11	53			3	2			4	1			5	8			5	18	0	0	28	82
60			23	79			3	31			6	13			6	62			3	49	0	0	43	34
61			9	12			4	95			5	62			5	32			3	27	0	0	28	28

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			17	72			3	16			4	91			5	51			5	97	0	0	37	27
63			18	74			5	64			5	27			8	29			7	85	0	0	45	79
64			26	0			4	0			10	37			5	34			4	14	0	0	49	85
65			17	11			4	2			7	70			5	30			4	9	0	0	38	22
66			16	66			4	35			4	35			4	93			4	15	0	0	34	44
67			30	16			6	81			4	19			4	16			3	38	0	0	48	70
68			15	33			5	68			3	41			4	25			3	15	0	0	31	82
69			14	48			5	13			4	80			4	21			2	65	0	0	31	27
70			8	44			5	61			3	87			6	30			3	12	0	0	27	34
71			8	89			7	33			6	71			4	41			2	64	0	0	29	98
72			8	51			5	55			4	96			4	50			3	47	0	0	26	99
73			9	13			5	75			3	60			4	16			2	59	0	0	25	23
74			27	30			5	26			4	3			6	62			5	49	0	0	48	70
75			11	86			6	54			4	50			7	95			5	68	0	0	36	53
76			11	23			6	87			5	21			4	96			5	26	0	0	33	53
77			7	27			6	59			5	32			4	44			3	13	0	0	26	75
78			8	37			5	58			9	96			3	71			4	76	0	0	32	38
79			8	25			8	82			6	65			4	96			3	44	0	0	32	12
80			8	30			6	42			5	44			5	72			3	52	0	0	29	40
81			3	18			6	66			4	44			5	35			4	56	0	0	24	19
82			17	89			5	68			10	55			5	37			5	10	0	0	44	59
83			20	95			5	18			7	77			5	18			3	63	0	0	42	71
84			3	47			5	28			4	15			7	51			3	25	0	0	23	66
85			19	90			4	84			6	2			4	61			4	63	0	0	40	0
86			7	52			4	62			6	66			4	90			3	48	0	0	27	18
87			13	16			4	36			8	8			4	51			2	78	0	0	32	89
88			16	70			5	64			5	82			3	18			3	90	0	0	35	24
89			8	16			4	24			2	88			4	63			3	82	0	0	23	73
90			8	88			5	31			6	91			4	65			3	90	0	0	29	65
91			13	59			5	34			4	67			5	2			3	62	0	0	32	24
92			14	45			5	73			9	62			4	35			2	95	0	0	37	10
93			11	26			7	8			6	41			4	69			2	96	0	0	32	40
94			9	7			5	74			9	31			5	75			3	47	0	0	33	34
95			14	13			5	3			9	17			6	88			5	87	0	0	41	8
96			43	5			4	72			7	14			5	5			3	45	0	1	3	41
97			6	91			4	85			6	9			5	55			7	57	0	0	30	97
98			19	51			4	46			6	29			5	68			3	87	0	0	39	81
99			21	12			5	45			7	47			9	20			5	74	0	0	48	98
100			20	74			4	26			7	4			4	34			6	89	0	0	43	27
101			17	92			4	34			7	3			4	2			8	55	0	0	41	86
102			22	46			5	52			4	76			4	56			7	59	0	0	44	89
103			15	20			6	88			5	17			3	12			4	28	0	0	34	65
104			19	43			5	91			9	90			4	71			6	73	0	0	46	68
105			16	97			4	92			5	42			5	25			2	3	0	0	34	59
106			14	31			6	74			4	8			7	10			2	46	0	0	34	69
Total	0	30	47	7	0	7	13	74	0	12	48	62	0	7	24	64	0	7	39	36	1	6	35	10
Mean	0	0	17	43	0	0	4	9	0	0	7	25	0	0	4	19	0	0	4	33	0	0	37	69
Skill	0.06				0.06				0				0				-0.05							
Effort	0.05				0.05				0				0				-0.04							
Condition	0.02				0.02				0				0				-0.03							
Consistency	-0.04				0.01				-0.02				-0.02				-0.04							
Algebraic sum	0.09				0.14				-0.02				-0.02				-0.16							
Performance factor	1.09				1.14				0.98				0.98				0.84							
Waktu normal	0	33	33	31	0	8	14	46	0	12	33	25	0	7	15	75	0	6	25	86	1	8	57	63

TANGGAL : 30 Oktober 2013
WAKTU : 12:20

PENGAMATAN BORE PILE JOGJA CITY MALL (PILE XXII)																								
Waktu persiapan								0	1	3	76	Waktu normal								0	1	23	53	
Skill								0.13				Consistency								0				
Effort								0.12				Algebraic sum								0.31				
Condition								0.06				Performance factor								1.31				
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			17	33			0	74			7	86			1	3			4	55	0	1	35	27
2			49	65			1	7			6	10			1	3			4	77	0	1	2	62
3			14	87			1	28			8	58			1	7			3	68	0	0	29	48
4			32	4			0	77			5	14			1	6			2	50	0	0	41	51
5			15	77			1	85			7	51			0	13			4	18	0	0	29	44
6			12	48			0	78			6	52			1	10			3	20	0	0	24	8
7			11	61			1	94			7	9			1	10			3	52	0	0	25	26
8			17	33			1	78			3	87			1	13			4	4	0	0	28	15
9			14	85			1	31			5	0			0	33			3	1	0	0	24	50
10			5	34			0	43			7	3			2	11			4	65	0	0	19	56
11			11	7			2	34			6	30			1	13			4	37	0	0	25	21
12			8	70			1	23			1	69			1	11			3	71	0	0	16	44
13			8	96			1	93			5	62			1	10			2	16	0	0	19	77
14			6	30			1	66			7	9			1	16			4	26	0	0	20	47
15			12	76			2	40			8	48			2	15			3	14	0	0	28	93
16			9	10			1	3			7	15			2	20			1	93	0	0	21	41
17			8	7			1	60			7	96			1	27			1	60	0	0	20	50
18			8	39			1	47			10	86			1	19			1	14	0	0	23	5
19			5	31			0	65			9	97			1	22			1	13	0	0	18	28
20			10	34			1	57			6	24			1	23			1	27	0	0	20	65
21			11	24			1	15			6	70			3	24			1	66	0	0	23	99
22			12	20			1	32			6	90			2	40			1	80	0	0	24	62
23			10	91			1	34			9	96			2	59			2	55	0	0	27	35
24			11	9			2	25			8	44			2	51			1	2	0	0	25	31
25			11	40			1	20			9	79			2	49			1	95	0	0	26	83
26			8	33			1	6			8	87			3	44			2	92	0	0	24	62
27			10	30			2	23			3	33			2	54			2	56	0	0	20	96
28			8	37			3	34			7	2			2	57			2	99	0	0	24	29
29			5	51			2	23			10	48			2	11			1	12	0	0	21	45
30			9	30			2	12			6	75			3	36			2	64	0	0	24	17
31			9	21			2	93			7	66			5	27			1	19	0	0	26	26
32			18	32			4	92			9	34			3	58			3	60	0	0	39	76
33			5	50			2	97			7	87			3	61			1	81	0	0	21	76
34			9	15			3	97			6	4			5	57			1	8	0	0	25	81
35			7	48			2	72			7	15			4	95			1	38	0	0	23	68
36			9	41			3	79			8	28			4	13			2	47	0	0	28	8
37			13	79			3	16			6	3			4	47			1	89	0	0	29	34
38			9	28			5	15			7	0			3	71			1	37	0	0	26	51
39			5	2			2	22			8	52			3	14			2	76	0	0	21	66
40			10	15			2	50			8	71			3	20			1	9	0	0	25	65
41			9	50			2	75			6	21			3	34			2	20	0	0	24	0
42			6	65			3	44			7	21			4	0			1	1	0	0	22	31
43			7	51			2	0			6	32			4	12			7	2	0	0	26	97
44			29	54			2	6			6	10			4	65			8	95	0	0	51	30
45			24	15			3	53			10	31			3	76			14	54	0	0	56	29
46			14	50			3	71			9	61			3	68			13	62	0	0	45	12
47			16	74			4	40			5	53			5	97			6	56	0	0	39	20
48			10	72			3	83			7	23			4	11			2	21	0	0	28	10
49			8	12			3	72			11	30			4	11			2	88	0	0	30	13
50			17	20			4	66			8	81			3	7			3	53	0	0	37	27
51			7	81			4	7			5	80			3	1			4	86	0	0	25	55
52			5	95			3	65			7	70			3	15			2	23	0	0	22	68
53			8	52			3	55			1	75			3	26			1	42	0	0	18	50
54			14	55			3	10			7	52			3	43			1	31	0	0	29	91
55			17	91			4	5			10	46			6	66			1	65	0	0	40	73
56			10	4			3	22			6	5			5	3			3	68	0	0	28	2
57			6	63			3	54			6	92			4	87			2	85	0	0	24	81
58			3	19			4	0			9	40			4	30			2	77	0	0	23	66
59			12	42			4	15			7	78			4	33			2	68	0	0	31	36
60			19	96			4	68			6	75			4	34			2	91	0	0	38	64
61			11	52			2	63			9	32			4	0			1	96	0	0	29	43

no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d				e							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
62			9	27			3	9			7	52			4	26			3	45	0	0	27	59
63			12	24			4	2			7	21			5	46			2	75	0	0	31	68
64			13	36			4	27			3	18			5	53			2	66	0	0	29	0
65			10	72			4	79			13	65			5	3			1	76	0	0	35	95
66			8	14			4	85			7	98			4	41			5	73	0	0	31	11
67			8	28			3	77			7	46			2	14			6	65	0	0	28	30
68			8	27			5	70			9	66			2	87			5	76	0	0	32	26
69			6	30			3	2			8	18			3	19			6	35	0	0	27	4
70			12	24			4	5			8	26			3	51			6	96	0	0	35	2
71			10	24			4	28			7	32			3	30			4	81	0	0	29	95
72			9	37			4	91			12	1			5	4			5	97	0	0	37	30
73			9	34			4	53			9	8			4	81			6	31	0	0	34	7
74			27	15			4	44			8	12			4	78			3	1	0	0	47	50
75			8	27			5	40			10	43			4	41			6	36	0	0	34	87
76			11	69			4	97			5	46			6	14			4	81	0	0	33	7
77			11	16			4	28			5	22			5	18			4	65	0	0	30	49
78			10	96			3	9			12	83			4	68			4	0	0	0	35	56
79			7	53			4	44			7	30			4	48			2	88	0	0	26	63
80			8	21			4	94			14	73			4	17			5	36	0	0	37	41
81			8	28			4	68			11	59			5	38			7	43	0	0	37	36
82			8	44			6	97			1	66			5	4			7	79	0	0	29	90
83			9	25			4	2			10	89			5	77			5	82	0	0	35	75
84			6	5			4	15			12	23			5	40			3	60	0	0	31	43
85			9	99			4	81			10	39			9	61			5	83	0	0	40	63
86			18	56			5	6			7	56			4	33			4	11	0	0	39	62
87			5	42			4	33			14	61			4	28			3	51	0	0	32	15
88			9	79			4	92			7	83			5	71			3	87	0	0	32	12
89			13	50			5	56			9	20			5	79			3	56	0	0	37	61
90			8	55			3	0			13	42			5	85			3	21	0	0	34	3
91			9	27			5	99			10	68			5	74			2	20	0	0	33	88
92			10	25			6	88			12	38			6	65			5	27	0	0	41	43
93			13	72			4	98			11	4			11	16			3	64	0	0	44	54
94			9	33			4	19			19	62			5	16			3	71	0	0	42	1
95			9	32			4	71			15	76			4	72			4	69	0	0	39	20
96			5	20			4	31			13	83			4	0			3	89	0	0	31	23
97			10	5			5	21			22	79			5	76			3	84	0	0	47	65
98			8	81			6	66			14	27			5	85			3	5	0	0	38	64
99			6	41			6	40			11	53			6	2			2	64	0	0	33	0
100			29	96			5	32			10	44			6	35			3	12	0	0	55	19
101			8	28			5	73			16	56			7	25			5	3	0	0	42	85
102			26	5			7	7			13	50			9	87			7	63	0	1	4	12
Total	0	19	46	58	0	5	52	93	0	14	46	36	0	6	39	0	0	6	21	17	0	54	29	80
Mean	0	0	11	63	0	0	3	46	0	0	8	69	0	0	3	91	0	0	3	74	0	0	32	6
Skill	0.15				0.11				-0.1				0				0.03							
Effort	0.13				0.1				-0.08				0				0.02							
Condition	0.06				0.04				-0.03				0				0							
Consistency	-0.02				0.03				-0.02				0.04				-0.04							
Algebraic sum	0.32				0.28				-0.23				0.04				0.01							
Performance factor	1.32				1.28				0.77				1.04				1.01							
Waktu normal	0	26	6	29	0	7	31	75	0	11	22	50	0	6	54	96	0	6	24	98	0	59	44	1

TANGGAL : 14-Nov-13
WAKTU : 10:30
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE I)												
Waktu persiapan	0	4	18	5	Waktu normal	0	3	54	83			
Skill	-0.05				Consistency	0.03						
Effort	-0.04				Algebraic sum	-0.09						
Condition	-0.03				Performance factor	0.91						
Pemasangan casing (siklus ke-12)	0	1	40	6	Waktu normal	0	2	10	8			
Skill	0.15				Consistency	-0.04						
Effort	0.13				Algebraic sum	0.3						
Condition	0.06				Performance factor	1.3						

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			20	25			5	51			22	48			5	53	0	5	11	82
2			30	98			8	26			22	37			5	25	0	1	6	86
3			22	0			8	35			23	73			9	59	0	1	3	67
4			34	68			11	61			24	41			7	5	0	1	17	75
5			24	35			17	62			20	33			5	72	0	1	8	2
6			17	24			15	70			28	99			6	9	0	1	8	2
7			17	57			13	52			23	48			7	44	0	1	2	1
8			20	92			14	51			20	31			8	75	0	1	4	49
9			25	63			16	71			19	4			6	7	0	1	7	45
10			15	30			12	49			17	86			6	95	0	0	52	60
11			18	78			16	42			20	42			6	89	0	1	2	51
12			17	31			17	45			30	50			8	71	0	2	54	3
13			18	9			18	3			28	65			8	66	0	1	13	43
14			21	54			19	76			30	97			8	81	0	1	21	8
15			19	41			20	34		1	22	98			6	99	0	2	9	72
16			27	78			25	24			40	86			7	51	0	1	41	39
17			23	4			24	19			24	74			9	78	0	1	21	75
18			21	96			50	47			53	84			11	25	0	2	17	52
19			23	97			27	37			31	53			16	43	0	1	39	30
20			28	20			38	20			33	41			14	58	0	1	54	39
21			31	53			35	96			44	37			17	63	0	2	9	49
22			30	11			32	22			26	86			15	54	0	1	44	73
23			29	9			41	29			28	43			16	9	0	1	54	90
24			49	91			49	7			40	88			18	39	0	2	38	25
25			53	13			36	65			57	73			20	8	0	2	47	59
26			48	1			40	20			30	61			19	98	0	2	18	80
27			51	67		1	24	85		1	39	68			22	55	0	4	18	75
28			52	18			41	72			59	8			21	71	0	2	54	69
29			53	2			47	17			40	81			20	78	0	2	41	78
30		1	47	53			52	35			28	37			21	58	0	3	29	83
31			38	65			51	16			24	41			23	39	0	2	17	61
32			42	90			46	70			34	7			21	38	0	2	25	5
33			47	86			56	91			34	24			24	20	0	2	43	21
34		1	32	24			52	96			32	26			28	48	0	3	25	94
35			56	58		1	10	48			48	47			30	25	0	3	25	78
36		1	38	9			57	4			31	28			30	38	0	3	36	79
37		1	23	88		1	5	49			26	68			31	40	0	3	27	45
38		1	34	17			54	12			28	72			32	10	0	3	29	11
39			37	81			56	75			42	17			31	54	0	2	48	27
40			42	87		1	6	57			35	89			29	6	0	2	54	39
41			45	51		1	17	48			32	4			35	31	0	3	10	34
42		1	21	40		1	12	99			34	28			39	49	0	3	48	16
43		1	6	61		1	14	16			24	98			38	51	0	3	24	26
44		1	20	55		1	13	15			43	23			45	47	0	4	2	40
45		1	17	95			58	6			36	93			43	34	0	3	36	28
46			46	46		1	13	96			40	32			39	1	0	3	19	75
47			50	7		1	2	41			23	61			51	18	0	3	7	27
48			18	34		1	16	90			33	54					0	2	8	78
Total	0	34	17	12	0	33	10	52	0	27	44	84	0	15	36	87	1	56	47	46
Mean	0	0	42	86	0	0	41	47	0	0	34	68	0	0	19	93	0	2	29	9
Skill	0.15				0.06				0				0.15							
Effort	0.13				0.05				0				0.13							
Condition	0.06				0.02				0				0.06							
Consistency	-0.04				-0.02				0				0.04							
Algebraic sum	0.3				0.11				0				0.38							
Performance factor	1.3				1.11				1				1.38							
Waktu normal	0	44	34	26	0	36	49	48	0	27	44	84	0	21	32	88	2	16	46	37

TANGGAL : 24-Oct-13
WAKTU : 11:00
MESIN : 150 cc HDR 11/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE II)																				
Waktu persiapan					0	5	16	51	Waktu normal								0	3	19	40
Skill						-0.16			Consistency									-0.02		
Effort						-0.12			Algebraic sum									-0.37		
Condition						-0.07			Performance factor									0.63		
Pemasangan casing (siklus ke-14)					0	3	13	76	Waktu normal								0	4	4	14
Skill						0.11			Consistency									0.01		
Effort						0.1			Algebraic sum									0.26		
Condition						0.04			Performance factor									1.26		

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			24	21			9	40			31	54			5	89	0	6	27	55
2			36	66			10	58			30	40			5	51	0	1	23	15
3			33	32			10	1			41	28			7	58	0	1	32	19
4			37	23			12	37			32	44			6	9	0	1	28	13
5			21	73			14	48			39	97			6	55	0	1	22	73
6			20	78			14	97			37	15			8	27	0	1	21	17
7			30	60			15	43			39	80			6	81	0	1	32	64
8			30	19			16	81			50	97			6	51	0	1	44	48
9			22	23			16	41			39	86			8	36	0	1	26	86
10			36	32			17	2			25	16			6	79	0	1	25	29
11			26	47			19	55			20	50			9	25	0	1	15	77
12			33	57			21	44			20	86			11	6	0	1	26	93
13			20	15			22	24			33	74			12	56	0	1	28	69
14			38	32			20	79			40	37			11	25	0	5	4	49
15			37	34			22	72			30	86			13	6	0	1	43	98
16			39	20			24	83			20	88			15	85	0	1	40	76
17			23	97			25	81			28	81			17	2	0	1	35	61
18			21	3			29	29			43	7			18	71	0	1	52	10
19			21	75			30	25			41	59			18	93	0	1	52	52
20			35	32			27	31			41	72			19	40	0	2	3	75
21			31	88			28	15			27	21			20	60	0	1	47	84
22			34	90			38	25			24	79			22	36	0	2	0	30
23			25	59			41	28			36	51			24	39	0	2	7	77
24			51	9			56	41			37	12			24	11	0	2	48	73
25			40	40			27	2			22	18			26	32	0	1	55	92
26			34	54			29	20			28	97			25	33	0	1	58	4
27			33	70			30	20			35	72			25	77	0	2	5	39
28			30	8			32	55			20	16			25	65	0	1	48	44
29			45	18			35	98			41	20			26	70	0	2	29	6
30			50	1			30	35			25	15			25	3	0	2	10	54
31		1	1	61			37	44			20	83			29	5	0	2	28	93
32		1	0	93			36	7			22	39			28	15	0	2	27	54
33		1	20	9			49	15			21	5			28	1	0	2	58	30
34		1	37	0			51	24			36	81			27	37	0	3	32	42
35		1	50	0			31	17			27	72			29	88	0	3	18	77
36			55	2			35	3			28	94			33	77	0	2	32	76
37		1	21	0			44	18			25	66			30	91	0	3	1	75
38		1	12	0			54	16			20	15			39	92	0	3	6	23
39		1	32	0		1	11	72			23	37			34	72	0	3	41	81
40		1	55	0		1	9	44			25	65			30	33	0	4	0	42
41		1	54	34		1	18	50			28	92			34	86	0	4	16	62
42		1	50	32		1	2	34			20	88			30	91	0	3	44	45
43		1	38	5		1	25	29			22	90			31	2	0	3	57	26
44		1	20	14		1	8	50			21	92			35	3	0	3	25	59
45		1	35	56		1	1	37			20	6			40	5	0	3	37	4
46		1	1	75		1	7	7			19	5			42	7	0	3	9	94
47		1	30	21		1	5	65			25	1			40	4	0	3	40	91
48			48	4		1	2	51			26	19			34	44	0	2	51	18
49		1	15	15		1	2	12			22	34			44	2	0	3	23	63
50		1	25	6		1	11	7			20	19			45	9	0	3	41	41
51		1	12	88		1	24	5			26	16					0	3	3	9
Total	0	45	23	91	0	32	59	17	0	24	56	17	0	19	11	35	2	11	0	87
Mean	0	0	53	41	0	0	38	81	0	0	29	34	0	0	23	3	0	2	37	22
Skill	0.11				0.08				0.06				0.13							
Effort	0.1				0.08				0.05				0.12							
Condition	0.04				0.04				0.02				0.06							
Consistency	-0.04				0.01				0				0.03							
Algebraic sum	0.21				0.21				0.13				0.34							
Performance factor	1.21				1.21				1.13				1.34							
Waktu normal	0	54	55	93	0	39	54	80	0	28	10	67	0	25	42	81	2	36	7	75

TANGGAL : 24-Oct-13
WAKTU : 13:30
MESIN : 150 cc HDR 14/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE III)																						
Waktu persiapan					0	5	41	52	Waktu normal								0	2	50	76		
Skill					-0.22				Consistency								-0.04					
Effort					-0.17				Algebraic sum								-0.5					
Condition					-0.07				Performance factor								0.5					
Pemasangan casing (siklus ke-17)					0	6	14	43	Waktu normal								0	4	48	31		
Skill					-0.1				Consistency								-0.02					
Effort					-0.08				Algebraic sum								-0.23					
Condition					-0.03				Performance factor								0.77					
no	Elemen kerja																				durasi (1 siklus)	
	a				b				c				d									
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms		
1			25	25			10	12			29	28			4	57	0	6	50	74		
2			36	74			11	54			43	34			5	55	0	1	37	17		
3			37	41			14	56			30	9			6	12	0	1	28	18		
4			39	7			16	0			32	39			6	92	0	1	34	38		
5			28	28			17	99			26	23			7	9	0	1	19	59		
6			32	28			19	15			32	12			8	56	0	1	32	11		
7			31	77			19	68			42	55			8	0	0	1	42	0		
8			25	61			20	63			23	93			8	55	0	1	18	72		
9			35	7			20	31			29	1			10	99	0	1	35	38		
10			33	85			20	20			36	80			10	27	0	1	41	12		
11			23	63			21	9			21	83			11	91	0	1	18	46		
12			25	78			21	2			24	92			12	88	0	1	24	60		
13			30	64			22	86			27	97			13	36	0	1	34	83		
14			17	94			23	27			27	97			13	36	0	1	22	54		
15			28	84			24	79			25	86			15	98	0	1	35	47		
16			52	78			24	6			24	81			16	45	0	1	58	10		
17			53	96			26	85			29	72			17	81	0	8	22	77		
18			31	31			27	32			23	79			15	19	0	1	37	61		
19			22	21			27	77			28	51			16	52	0	1	35	1		
20			24	43			30	70			29	16			18	71	0	1	43	0		
21			27	25			32	53			26	15			17	83	0	1	43	76		
22			32	13			35	2			25	0			16	72	0	1	48	87		
23			28	34			29	5			32	22			19	31	0	1	48	92		
24			36	59			45	13			23	13			22	21	0	2	7	6		
25			18	23			33	54			31	32			18	21	0	1	41	30		
26			21	23			44	28			24	50			16	6	0	1	46	7		
27			28	25			37	97			19	3			19	97	0	1	45	22		
28			36	93			35	91			44	75			17	66	0	2	15	25		
29			30	66			37	72			41	88			22	41	0	2	12	67		
30			49	40			45	53			12	44			55	65	0	2	43	2		
31			15	32			38	56			15	71			26	63	0	1	36	22		
32			38	3			46	44			34	0			26	40	0	2	24	87		
33			30	3			54	40			22	6			30	32	0	2	16	81		
34			45	60			36	3			25	33			24	38	0	2	11	34		
35		1	10	16			48	47			39	53			45	23	0	3	23	39		
36		1	27	47			43	97			29	71			49	27	0	3	30	42		
37			44	82			58	28			25	40			41	51	0	2	50	1		
38			42	65			45	25			27	19			46	73	0	2	41	82		
39			40	90			43	9			20	83			42	72	0	2	27	54		
40		1	14	72		1	0	75			20	72			35	69	0	3	11	88		
41		1	45	57			53	32			13	19			34	7	0	3	26	15		
42		1	21	15			55	44			21	35			42	32	0	3	20	26		
43		1	20	19			47	94			13	66			50	39	0	3	12	18		
44		1	44	93			56	88			20	56			46	37	0	3	48	74		
45		1	19	32		1	16	68			35	7			48	3	0	3	59	10		
46		1	27	34			55	97			32	19			50	78	0	3	46	28		
47		1	55	10			56	14			35	65			41	60	0	4	8	49		
48		1	21	25			24	2			34	69			45	97	0	3	5	93		
49		1	19	20		2	20	15			30	55			21	19	0	4	31	9		
50		1	52	22		1	0	40			31	10		1	8	31	0	4	32	3		
51		1	8	6		1	5	81			30	5		1	26	3	0	4	9	95		
52		1	46	23			59	6			17	84		1	6	68	0	4	9	81		
53		1	23	85		1	0	33			18	22					0	2	42	40		
Total	0	43	39	97	0	34	43	97	0	24	25	30	0	23	45	44	2	18	30	63		
Mean	0	0	49	43	0	0	39	32	0	0	27	65	0	0	27	41	0	2	39	82		
Skill	0.13				0.08				0.08				0.08									
Effort	0.12				0.08				0.08				0.08									
Condition	0.06				0.04				0.04				0.04									
Consistency	-0.04				0.01				0.01				0.03									
Algebraic sum	0.27				0.21				0.21				0.23									
Performance factor	1.27				1.21				1.21				1.23									
Waktu normal	0	55	27	36	0	42	1	60	0	29	33	1	0	29	13	29	2	43	54	33		

TANGGAL : 26-Oct-13
WAKTU : 11:30
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE IV)																				
Waktu persiapan					0	1	24	78	Waktu normal								0	1	50	21
Skill						0.15			Consistency					-0.04						
Effort						0.13			Algebraic sum					0.3						
Condition						0.06			Performance factor					1.3						
Pemasangan casing (siklus ke-15)					0	2	2	64	Waktu normal								0	2	41	88
Skill						0.15			Consistency					-0.02						
Effort						0.13			Algebraic sum					0.32						
Condition						0.06			Performance factor					1.32						

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			22	9			9	28			40	23			4	85	0	2	41	23
2			21	47			6	27			11	25			4	99	0	0	43	98
3			15	7			7	52			23	88			6	91	0	0	53	38
4			10	95			10	52			29	41			9	41	0	1	0	29
5			13	91			8	73			30	1			13	57	0	1	6	22
6			7	66			8	96			25	27			6	78	0	0	48	67
7			10	85			9	48			21	47			5	13	0	0	46	93
8			13	21			12	59			22	64			10	43	0	0	58	87
9			15	55			13	45			19	91			10	38	0	0	59	29
10			14	63			14	44			23	88			13	55	0	1	6	50
11			16	13			19	28			22	81			16	55	0	1	14	77
12			20	76			18	81			20	15			10	19	0	1	9	91
13			24	95			27	15			30	85			9	12	0	1	32	7
14			21	7			20	7			28	51			11	79	0	1	21	44
15			16	24			22	11			22	36			15	51	0	3	18	86
16			14	17			21	31			17	8			19	37	0	1	11	93
17			18	6			27	21			32	93			15	92	0	1	34	12
18			14	42			24	64			22	47			11	0	0	1	12	53
19			19	6		1	4	19			43	36			15	54	0	2	22	15
20			14	78			35	57			41	30			41	6	0	2	12	71
21			16	64			38	49			8	85			31	9	0	1	35	7
22			32	5			32	83			26	36			16	48	0	1	47	72
23			23	65			39	52			24	98			29	48	0	1	57	63
24			20	28			44	37			36	75			39	25	0	2	20	65
25			32	18			58	2			26	79			42	56	0	2	39	55
26		1	58	94		1	8	43			41	52			47	0	0	4	35	89
27			40	20		2	17	86			32	61			25	32	0	3	55	99
28			36	3			38	71			25	25			25	72	0	2	5	71
29			35	4			40	32			39	92			28	55	0	2	23	83
30			31	91			39	25			38	6			30	99	0	2	20	21
31			31	84			49	53		1	32	0			34	9	0	3	27	46
32			48	78			37	1			37	59			30	86	0	2	34	24
33		1	11	49			48	21			39	3			32	15	0	3	10	88
34		1	5	3			55	56			40	3			31	37	0	3	11	99
35			17	76		2	5	5			52	20			46	20	0	4	1	21
36			47	51			44	45			50	94			30	6	0	2	52	96
37		1	28	3			52	44			42	29			13	24	0	3	16	0
38		1	9	22			59	43			32	43			29	90	0	3	10	98
39		1	31	53			54	95			23	49			17	45	0	3	7	42
40		2	0	13		1	11	46			54	97			46	4	0	4	52	60
41		2	2	99		1	5	97			19	54		1	3	45	0	4	31	95
42		2	4	89		1	12	94			16	92		1	1	3	0	4	35	78
43		1	0	92			45	59			29	41			59	71	0	3	15	63
44		1	2	72		1	14	22			35	55			45	51	0	3	38	0
45		1	50	4		1	33	79			31	89		1	17	91	0	5	13	63
46		2	41	12		2	10	97			36	29			59	1	0	6	27	39
47		2	20	75		2	23	63			47	7			58	76	0	6	30	21
48		2	19	67		2	9	62			32	87		1	39	49	0	6	41	65
49		2	18	7			27	4			27	4			32	8	0	3	44	23
50		4	41	96		1	41	7			58	79			43	99	0	8	5	81
51		1	52	69		2	8	88			33	85					0	4	35	42
Total	0	46	59	9	0	42	11	19	0	27	45	5	0	24	40	79	2	25	3	54
Mean	0	0	55	28	0	0	49	63	0	0	32	65	0	0	29	62	0	2	54	7
Skill		0.08				-0.16				0.03				0.06						
Effort		0.08				-0.12				0.02				0.05						
Condition		0.04				-0.03				0.02				0.02						
Consistency		-0.04				-0.04				-0.02				0						
Algebraic sum		0.16				-0.35				0.05				0.13						
Performance factor		1.16				0.65				1.05				1.13						
Waktu normal	0	54	30	14	0	27	25	27	0	29	8	30	0	27	53	29	2	23	29	9

TANGGAL : 26-Oct-13
WAKTU : 14:20
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE V)																				
Waktu persiapan					0	4	20	31	Waktu normal								0	3	56	88
Skill					-0.05				Consistency								0.03			
Effort					-0.04				Algebraic sum								-0.09			
Condition					-0.03				Performance factor								0.91			
Pemasangan casing (siklus ke-15)					0	4	12	65	Waktu normal								0	4	53	7
Skill					0.06				Consistency								0.03			
Effort					0.05				Algebraic sum								0.16			
Condition					0.02				Performance factor								1.16			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1		1	39	21			3	21			39	95			2	15	0	6	44	83
2			55	42			8	90			16	64			5	32	0	1	26	28
3			34	40			9	9			34	50			10	98	0	1	28	97
4			40	87			7	79			27	91			18	62	0	1	35	19
5			37	33			9	71			18	49			17	41	0	1	22	94
6			36	91			10	6			10	39			19	7	0	1	16	43
7			40	25			11	21			14	59			17	39	0	1	23	44
8			37	72			11	22			13	67			10	93	0	1	13	54
9			33	68			13	62			41	38			12	57	0	1	41	25
10			31	74			13	71			31	5			13	81	0	1	30	31
11			41	38			14	44			32	19			13	73	0	1	41	74
12			37	36			15	28			32	63			14	95	0	1	40	22
13			38	45			15	6			29	73			18	11	0	1	41	35
14			37	84			15	14			13	81			17	42	0	1	24	21
15		1	39	9			16	54			19	39			18	44	0	6	46	11
16		4	25	45			17	56			17	77			17	73	0	5	18	51
17			35	48			18	58			17	98			19	93	0	1	31	97
18			41	41			18	57			21	9			18	1	0	1	39	8
19			42	27			18	16			30	49			19	89	0	1	50	81
20			50	35			19	61			21	9			20	85	0	1	51	90
21			40	7			20	13			30	9			20	49	0	1	50	78
22			40	74			20	81			29	30			21	71	0	1	52	56
23			30	7			22	98			12	10			22	13	0	1	27	28
24			35	7			24	97			24	43			23	80	0	1	48	27
25		1	9	85			27	87			25	73			25	62	0	2	29	7
26			25	12			29	69			25	12			24	93	0	1	44	86
27			54	28			31	44			22	85			40	5	0	2	28	62
28			36	51			34	77			20	36			25	83	0	1	57	47
29		3	11	45			37	88			15	69			21	98	0	4	27	0
30			27	28			38	30			14	5			29	17	0	1	48	80
31			23	19		1	28	50			22	49			30	92	0	2	45	10
32			31	77			39	51			27	98			30	36	0	2	9	62
33			41	61			41	44			30	32			21	36	0	2	14	73
34			33	73			41	75			32	44			20	45	0	2	8	37
35			37	11			42	89			17	40			24	7	0	2	1	47
36			35	85		1	24	91			20	75			27	19	0	2	48	70
37			40	71			51	55			58	21			30	61	0	3	1	8
38			44	93			53	6			47	18			35	36	0	3	0	53
39			45	16			55	90			32	41			36	52	0	2	49	99
40			50	93			58	45			46	37			40	94	0	3	16	69
41			55	69		1	9	81			41	18			44	29	0	3	30	97
42			38	91		1	10	94			42	26			52	64	0	3	24	75
43		1	20	28		1	21	91			57	32			47	37	0	4	26	88
44			34	86		1	22	76			51	47			50	32	0	3	39	41
45			27	85		1	25	22			55	61			51	45	0	3	40	13
46			33	6		1	34	99			45	3			58	44	0	3	51	52
47		1	9	4		1	37	89			24	94		1	2	43	0	4	14	30
48			58	92		1	42	93			25	54		1	6	59	0	4	13	98
49			47	83		1	44	34			34	41		1	8	97	0	4	15	55
50			58	28		1	48	82			41	20					0	3	28	30
Total	0	42	56	76	0	33	33	87	0	24	18	97	0	22	43	30	2	12	5	86
Mean	0	0	51	54	0	0	40	28	0	0	29	18	0	0	27	82	0	2	41	75
Skill	0.11				0.08				0.06				0.08							
Effort	0.1				0.08				0.05				0.08							
Condition	0.04				0.02				0.02				0.04							
Consistency	-0.02				0.03				-0.02				0.03							
Algebraic sum	0.23				0.21				0.11				0.23							
Performance factor	1.23				1.21				1.11				1.23							
Waktu normal	0	52	49	41	0	40	36	78	0	26	59	46	0	27	56	86	2	37	12	46

TANGGAL : 10-Nov-13
WAKTU : 10:37
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE VI)																				
Waktu persiapan					0	2	37	73	Waktu normal								0	3	9	28
Skill					0.08				Consistency								0			
Effort					0.08				Algebraic sum								0.2			
Condition					0.04				Performance factor								1.2			
Pemasangan casing (siklus ke-15)					0	2	46	4	Waktu normal								0	3	34	19
Skill					0.13				Consistency								0			
Effort					0.12				Algebraic sum								0.29			
Condition					0.04				Performance factor								1.29			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			54	83			7	93			21	54			8	18	0	4	10	21
2			28	86			8	87			22	23			3	12	0	1	3	8
3			20	45			11	33			24	30			5	25	0	1	1	33
4			26	10			10	62			20	3			3	43	0	1	0	18
5			37	58			12	2			20	81			3	81	0	1	14	22
6			34	95			9	87			22	14			3	46	0	1	10	42
7			32	14			13	33			24	80			4	99	0	1	15	26
8			31	51			13	48			22	74			6	22	0	1	13	95
9			27	58			13	74			22	70			8	5	0	1	12	7
10			30	84			13	75			17	75			5	83	0	1	8	17
11			33	52			12	66			22	86			8	30	0	1	17	34
12		1	8	9			16	34			19	52			8	1	0	1	51	96
13			51	93			17	14			27	51			14	73	0	1	51	31
14			38	11			16	74			32	46			22	93	0	1	50	24
15			25	87			21	87			23	5			8	59	0	4	5	42
16			42	54			21	66			27	44			7	66	0	1	39	30
17			31	0			23	4			22	65			11	60	0	1	28	29
18			28	64			23	82			20	92			11	89	0	1	25	27
19			25	3			28	16			25	97			13	99	0	1	33	15
20			27	30			27	92			24	40			12	23	0	1	31	85
21			25	80			31	76			24	58			12	39	0	1	34	53
22			34	69			32	15			21	78			15	53	0	1	44	15
23			34	58			32	83			23	20			15	27	0	1	45	88
24		1	50	58			36	25			28	75			19	92	0	3	15	50
25			35	71			36	28			29	32			24	56	0	2	5	87
26			9	62			57	73			46	74			42	61	0	2	36	70
27		2	30	9		1	12	3			58	30			58	37	0	5	38	79
28		1	27	30			50	0			40	52			49	88	0	3	47	70
29		3	19	66			54	65			47	21			50	83	0	5	52	35
30		1	47	48			38	69			28	62			18	78	0	3	13	57
31			58	15			40	46			26	18			20	20	0	2	24	99
32		1	39	14			41	52			22	65			35	91	0	3	19	22
33			32	96			46	50			22	98			25	42	0	2	7	86
34			47	43			45	71			24	21			12	21	0	2	9	56
35		1	2	86			48	5			25	41			28	58	0	2	44	90
36			58	97			51	6			24	37			26	68	0	2	41	8
37		1	10	17			52	21			22	41			29	38	0	2	54	17
38		1	23	24		1	3	21			23	46			38	4	0	3	27	95
39		1	44	8			57	32			32	66			37	77	0	3	51	83
40		1	9	70		1	21	89			26	18			42	62	0	3	40	39
41		1	12	90			54	10			25	26			37	10	0	3	9	36
42		1	21	37		1	1	36			25	32			48	67	0	3	36	72
43			55	88		1	9	3		1	7	87		1	20	76	0	4	33	54
44		1	6	96			57	31			26	1			57	83	0	3	28	11
45		1	25	44			55	61		1	2	8			54	79	0	4	17	92
46			54	79		3	3	53			38	35					0	4	36	67
Total	0	43	16	42	0	29	35	53	0	21	50	24	0	17	36	37	1	57	42	33
Mean	0	0	56	44	0	0	38	60	0	0	28	48	0	0	23	47	0	2	36	94
Skill	0.08				0.11				0.08				0.13							
Effort	0.08				0.1				0.08				0.12							
Condition	0.04				0.04				0.02				0.06							
Consistency	-0.04				-0.02				0.03				0.01							
Algebraic sum	0.16				0.23				0.21				0.32							
Performance factor	1.16				1.23				1.21				1.32							
Waktu normal	0	50	11	85	0	36	23	90	0	26	25	39	0	23	14	41	2	22	59	2

TANGGAL : 11-Nov-13
WAKTU : 10:20
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE VII)																				
Waktu persiapan					0	3	54	23	Waktu normal								0	4	3	60
Skill					0				Consistency								0.04			
Effort					0				Algebraic sum								0.04			
Condition					0				Performance factor								1.04			
Pemasangan casing (siklus ke-13)					0	5	58	58	Waktu normal								0	5	19	14
Skill					-0.05				Consistency								0.01			
Effort					-0.04				Algebraic sum								-0.11			
Condition					-0.03				Performance factor								0.89			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			21	22			6	87			23	42			1	51	0	4	47	25
2			29	86			14	59			14	97			5	7	0	1	4	49
3			16	97			14	47			20	42			6	27	0	0	58	13
4			19	43			17	58			22	33			7	87	0	1	7	21
5			15	12			17	80			29	60			29	74	0	1	32	26
6			30	95			16	34			34	77			10	5	0	1	32	11
7			15	41			18	67			28	34			9	49	0	1	11	91
8			23	56			16	82			33	96			11	40	0	1	25	74
9			17	37			21	4			51	15			21	51	0	1	51	7
10			24	1			22	69			48	70			11	61	0	1	47	1
11			25	44			25	4			59	87			12	61	0	2	2	96
12			26	25			41	97			33	58			13	9	0	1	54	89
13			27	5			30	96			26	86			14	81	0	7	38	26
14			18	97			39	42			26	52			17	15	0	1	42	6
15			24	27			29	59			25	52			9	13	0	1	28	51
16			27	35			33	42			28	88			17	63	0	1	47	28
17			31	6			43	23			27	57			26	2	0	2	7	88
18			30	77			47	66			11	69		1	45	70	0	3	15	82
19		1	37	52			44	83			22	91			37	53	0	3	22	79
20			42	26			31	9			29	24			20	2	0	2	2	61
21		1	17	60			54	68			38	64			21	54	0	3	12	46
22		1	45	85			36	86			30	27			21	64	0	3	14	62
23		1	20	99			48	30			24	79			20	88	0	2	54	96
24		1	26	23			40	2			35	27			36	92	0	3	18	44
25			28	97			49	72			32	79			23	21	0	2	14	69
26			20	87			40	72			36	49		1	8	51	0	2	46	59
27			43	2			40	16			23	61		1	34	61	0	3	21	40
28			23	55			25	70			24	7		1	29	43	0	2	42	75
29			44	31			36	62			23	85		1	5	3	0	2	49	81
30			46	71			26	37			25	24		1	19	21	0	2	57	53
31			52	91			44	50			22	30		1	11	31	0	3	11	2
32			36	93			42	18			27	48			45	5	0	2	31	64
33		1	11	40			38	47			29	49		1	25	40	0	3	44	76
34			53	54			36	15			27	48		1	10	4	0	3	7	21
35			53	54			32	10			25	91		1	19	32	0	3	10	87
36			58	37			35	61			27	41		1	12	31	0	3	13	70
37			59	64			34	87			32	10			52	67	0	2	59	28
38		1	6	4			37	28			30	36			53	72	0	3	7	40
39		1	14	47			33	49			31	6			57	70	0	3	16	72
40		1	1	75			33	14			32	71		1	13	0	0	3	20	60
41		1	2	60			28	84			34	12			56	3	0	3	1	59
42		1	2	71			40	43			35	59		1	22	74	0	3	41	47
43		1	7	64			25	30			34	52		1	40	59	0	3	48	5
44		1	11	76			25	40			37	46			48	19	0	3	2	81
45		1	4	63			31	58			35	28		1	41	91	0	3	53	40
46		1	31	61			38	63			38	45		1	10	1	0	3	58	70
47		1	23	7			47	2			41	92			51	7	0	3	43	8
48		1	6	70			40	45			39	57			58	62	0	3	25	34
49		1	13	22			42	57			37	46		1	6	70	0	3	39	95
50		1	7	19			46	62			34	72					0	2	28	53
Total	0	40	22	66	0	27	47	86	0	25	50	71	0	36	45	57	2	20	39	61
Mean	0	0	48	45	0	0	33	36	0	0	31	1	0	0	45	1	0	2	52	24
Skill	0.13				0.15				0.06				-0.22							
Effort	0.12				0.13				0.05				-0.17							
Condition	0.06				0.06				0.02				-0.07							
Consistency	-0.02				0				-0.02				-0.04							
Algebraic sum	0.29				0.34				0.11				-0.5							
Performance factor	1.29				1.34				1.11				0.5							
Waktu normal	0	52	5	23	0	37	14	93	0	28	41	29	0	18	22	79	2	25	46	98

TANGGAL : 11-Nov-13
WAKTU : 13:21
MESIN : 150 cc HDR 11/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE VIII)																				
Waktu persiapan					0	4	43	89	Waktu normal								0	3	44	27
Skill					-0.1				Consistency								0			
Effort					-0.08				Algebraic sum								-0.21			
Condition					-0.03				Performance factor								0.79			
Pemasangan casing (siklus ke-18)					0	4	32	77	Waktu normal								0	5	2	77
Skill					0.03				Consistency								0.04			
Effort					0.02				Algebraic sum								0.11			
Condition					0.02				Performance factor								1.11			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			43	42			8	52			52	53			5	83	0	6	34	19
2			49	77			8	85			46	92			5	50	0	1	51	4
3			41	70			9	87			51	61			6	82	0	1	50	0
4			48	88			10	33			42	31			7	64	0	1	49	16
5		1	52	24			11	34			55	31			9	64	0	3	8	53
6			53	79			12	52			39	70			10	21	0	1	56	22
7			57	49			14	69			42	3			10	5	0	2	4	26
8		1	48	30			14	27			45	58			12	40	0	3	0	55
9			44	70			15	96			51	4			15	67	0	2	7	45
10			54	47			17	83			39	96			13	96	0	2	6	22
11			48	97			19	30			42	42			15	69	0	2	6	38
12			40	32			20	16			46	9			16	27	0	2	2	84
13		2	44	54			20	70			43	86			17	7	0	4	6	17
14		1	42	98			23	74			38	72			19	30	0	3	4	74
15		1	42	31			24	51			40	70			16	10	0	3	3	62
16			47	74			24	81			43	96			18	43	0	2	14	94
17		1	58	84			26	63			46	59			19	74	0	3	31	80
18			39	41			27	92			49	42			18	63	0	6	48	15
19		3	47	41			27	21			52	61			26	43	0	5	33	66
20		1	52	97			28	71			46	45			44	27	0	3	52	40
21		1	16	18			29	27			45	83			28	37	0	2	59	65
22		1	15	83			36	16			42	27			24	88	0	2	59	14
23			59	81			34	3			51	58			28	84	0	2	54	26
24			58	35			52	45			41	99			32	92	0	3	5	71
25		1	23	70			54	51			42	50			42	9	0	3	42	80
26		1	16	33			48	93			55	89			37	23	0	3	38	38
27		1	22	90		1	15	69		1	14	41			46	76	0	4	39	76
28		1	30	61		1	14	45			48	34			45	40	0	4	10	80
29		1	33	83		1	1	92			50	82			48	11	0	4	14	68
30		1	25	89			45	89			57	42		1	1	6	0	4	10	26
31		5	1	90		1	4	91		1	11	18		1	0	46	0	8	18	45
32			42	92			45	88		1	14	64		1	1	3	0	3	44	47
33		1	18	95		1	25	92		1	1	22		1	2	31	0	4	48	40
34		1	15	63		1	4	28			51	40		1	0	73	0	4	12	4
35		1	29	16		1	6	6			55	96			58	61	0	4	29	79
36		1	26	52		1	9	59		1	11	12			59	12	0	4	46	35
37			39	66		1	0	86			36	37			44	15	0	3	1	4
38		2	3	91			56	6			46	53		1	1	21	0	4	47	71
39		2	24	95		1	3	63			45	76		1	0	20	0	5	14	54
40		2	18	89		1	1	78		1	3	14		1	0	15	0	5	23	96
41		2	12	97			57	85		1	6	89			35	62	0	4	53	33
42		1	55	72			56	6			24	95			48	79	0	4	5	52
43		1	38	47			55	38			25	3			50	18	0	3	49	6
44			42	45		1	12	45			39	31			50	40	0	3	24	61
45			46	91		1	59	48			42	2			49	16	0	4	17	57
46			45	59		1	48	59			49	92			51	68	0	4	15	78
47		1	21	6		1	56	70			46	16			55	43	0	4	59	43
48		2	8	90		2	5	93			48	76		1	3	32	0	6	6	91
49			44	89		1	57	11			51	68			58	0	0	4	31	68
50			38	91		3	3	15			46	93		1	6	59	0	5	35	58
51			55	52		2	58	26			44	97					0	4	38	75
Total	1	12	37	64	0	45	11	18	0	41	32	80	0	30	22	45	3	19	0	73
Mean	0	1	25	44	0	0	53	16	0	0	48	88	0	0	36	45	0	3	58	81
Skill	-0.22				-0.22				-0.22				-0.05							
Effort	-0.17				-0.17				-0.17				-0.04							
Condition	-0.07				-0.07				-0.07				0							
Consistency	-0.04				-0.02				0.03				-0.02							
Algebraic sum	-0.5				-0.48				-0.43				-0.11							
Performance factor	0.5				0.52				0.57				0.89							
Waktu normal	0	36	18	82	0	23	29	81	0	23	40	90	0	27	1	98	1	59	18	55

TANGGAL : 27-Oct-13
WAKTU : 9:05
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE IX)																				
Waktu persiapan					0	5	24	76	Waktu normal								0	2	48	88
Skill					-0.22				Consistency								-0.02			
Effort					-0.17				Algebraic sum								-0.48			
Condition					-0.07				Performance factor								0.52			
Pemasangan casing (siklus ke-16)					0	4	33	69	Waktu normal								0	5	3	80
Skill					0.03				Consistency								0.04			
Effort					0.02				Algebraic sum								0.11			
Condition					0.02				Performance factor								1.11			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1		1	7	80			9	38			39	13			8	39	0	7	29	46
2			36	72			11	33			30	11			3	49	0	1	21	65
3			18	63			8	22			36	36			3	36	0	1	6	57
4			18	68			8	34			31	91			7	84	0	1	6	77
5			19	74			9	0			34	39			6	59	0	1	9	72
6			14	26			7	61			33	27			9	64	0	1	4	78
7			15	65			8	26			32	58			6	69	0	1	3	18
8			20	16			14	7			33	25			6	20	0	1	13	68
9			17	42			15	46			28	23			13	17	0	1	14	28
10			27	16			16	65			38	61			10	53	0	1	32	95
11			27	65			17	53			39	50			8	8	0	1	32	76
12			15	59			17	81			40	69			10	54	0	1	24	63
13			15	16			18	3			32	57			15	37	0	1	21	13
14			19	72			22	2			34	95			13	88	0	1	30	57
15			14	11			23	41			31	13			13	41	0	1	22	6
16			18	0			24	14			32	17			33	24	0	6	21	24
17			17	80			22	87			43	47			14	94	0	1	39	8
18			14	76			22	35			34	47			11	78	0	1	23	36
19			18	85			24	19			40	45			11	83	0	1	35	32
20			31	34			24	51			22	71			13	54	0	1	32	10
21			35	62			25	30			29	37			11	45	0	1	41	74
22			31	2			25	82			34	14			13	25	0	1	44	23
23			45	65			32	4			28	20			10	78	0	1	56	67
24			26	35			30	77			34	7			13	42	0	1	44	61
25			25	35			35	12			36	34			16	19	0	1	53	0
26			19	25			33	81			20	0			15	69	0	1	28	75
27			18	98			36	78			28	48			15	31	0	1	39	55
28			22	49			42	84			36	12			20	3	0	2	1	48
29			15	97			42	10			39	65			27	42	0	2	5	14
30			23	41			30	41			32	53			15	75	0	1	42	10
31			25	53			28	50			26	76			15	75	0	1	36	54
32			29	69			53	14			38	89			19	82	0	2	21	54
33			44	89			44	18			30	22			19	2	0	2	18	31
34			39	75			40	68			38	68			21	70	0	2	20	81
35			40	2			40	48			36	93			22	34	0	2	19	77
36		1	20	88			20	47			41	97			23	44	0	2	46	76
37			45	31			20	0			48	44			17	46	0	2	11	21
38			39	69			40	17			27	11			24	73	0	2	11	70
39		1	30	77			43	38			29	11			26	18	0	3	9	44
40			46	84			47	61			33	7		1	21	4	0	3	28	56
41		1	1	11			58	4			57	44			40	11	0	3	36	70
42			40	11			56	13			50	1			59	32	0	3	25	57
43		1	2	76		1	0	77			56	24			58	49	0	3	58	26
44		1	37	20			53	40			49	15			49	89	0	4	9	64
45		1	0	23			58	83			48	26			45	8	0	3	32	40
46		1	23	8			59	61			52	16			51	14	0	4	5	99
47		1	13	91			56	28			52	43			49	82	0	3	52	44
48		1	5	51			56	33		1	6	66			55	72	0	4	4	22
49		1	13	93			59	60			48	43			44	10	0	3	46	6
50		1	33	5		1	4	28			49	3			54	48	0	4	20	84
51		1	35	19		1	2	71		1	1	38			42	13	0	4	21	41
52		2	21	92		1	6	77		1	8	87			37	74	0	5	15	30
53		2	29	32		1	5	79			55	53			57	47	0	5	28	11
54		1	51	21		1	3	85			58	30					0	3	53	36
Total	0	40	5	19	0	31	21	17	0	35	33	92	0	21	38	77	2	18	37	50
Mean	0	0	44	54	0	0	34	84	0	0	39	52	0	0	24	51	0	2	36	93
Skill	0.15				0.15				-0.05				0.11							
Effort	0.13				0.13				-0.04				0.1							
Condition	0.06				0.06				-0.03				0.04							
Consistency	-0.04				0.03				0.01				-0.02							
Algebraic sum	0.3				0.37				-0.11				0.23							
Performance factor	1.3				1.37				0.89				1.23							
Waktu normal	0	52	6	75	0	42	57	20	0	31	39	19	0	26	37	49	2	41	13	31

TANGGAL : 22-Oct-13
WAKTU : 11:00
MESIN : 150 cc HDR 11/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE X)																						
Waktu persiapan					0	1	31	5	Waktu normal								0	2	0	19		
Skill					0.15				Consistency								-0.02					
Effort					0.13				Algebraic sum								0.32					
Condition					0.06				Performance factor								1.32					
Pemasangan casing (siklus ke-12)					0	3	48	20	Waktu normal								0	4	36	12		
Skill					0.08				Consistency								0.03					
Effort					0.08				Algebraic sum								0.21					
Condition					0.02				Performance factor								1.21					
no	Elemen kerja																	durasi (1 siklus)				
	a				b				c				d									
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms		h	m	s	ms	
1		1	6	32			59	57			13	46			5	31		0	3	55	71	
2			53	0			43	34			15	71			5	70		0	1	57	75	
3			43	96			7	13			14	25			6	13		0	1	11	47	
4			36	88			7	20			18	18			8	37		0	1	10	63	
5			32	98			13	60			19	75			4	99		0	1	11	32	
6			44	65			11	62			16	59			5	61		0	1	18	47	
7			43	68			12	72			14	65			8	8		0	1	19	13	
8			36	44			11	85			15	58			6	15		0	1	10	2	
9			34	44			11	80			15	48			4	37		0	1	6	9	
10			27	55			14	85			14	86			5	30		0	1	2	56	
11			37	95			15	67			17	15			5	49		0	1	16	26	
12			38	77			13	61			15	28			5	5		0	5	0	91	
13			38	92			18	97			14	24			13	20		0	1	25	33	
14			32	15			16	65			15	96			9	66		0	1	14	42	
15			39	2			28	2			14	41			6	88		0	1	28	33	
16			38	66			20	36			25	31			10	23		0	1	34	56	
17			50	76			25	76			14	63			10	52		0	1	41	67	
18			48	8			32	8			35	74			15	47		0	2	11	37	
19			39	31			22	97			13	37			10	30		0	1	25	95	
20			40	8			32	9			13	10			22	50		0	1	47	77	
21			31	82			37	27			16	33			16	97		0	1	42	39	
22			44	75			26	72			19	35			12	92		0	1	43	74	
23		1	38	88			23	2			17	36			13	66		0	2	32	92	
24		1	33	68			24	17			18	45			21	25		0	2	37	55	
25		2	21	91			38	10			17	57			21	22		0	3	38	80	
26		1	13	67			32	33			15	31			18	33		0	2	19	64	
27			59	85			57	42			24	57			23	62		0	2	45	46	
28		1	1	50			29	70			11	91			25	73		0	2	8	84	
29		1	13	62			42	14			21	87			24	43		0	2	42	6	
30		1	31	45			31	83			15	23			33	79		0	2	52	30	
31		1	4	33			32	70			12	22			20	33		0	2	9	58	
32		1	30	44			58	8			11	28			18	8		0	2	57	88	
33		1	14	41		1	0	56			11	64			25	13		0	2	51	74	
34		1	32	31			56	34			18	2			29	19		0	3	15	86	
35		1	31	71		1	5	90			10	24			37	81		0	3	25	66	
36			58	27			55	37			12	94			33	4		0	2	39	62	
37			52	90			49	46			10	23			31	44		0	2	24	3	
38			54	17		1	3	98			11	43			36	8		0	2	45	66	
39		1	54	14		1	5	26			23	92			44	25		0	4	7	57	
40		1	26	9		1	14	22			19	44			23	84		0	3	23	59	
41		2	41	26		1	7	78			19	89			51	4		0	4	59	97	
42		2	36	97		1	14	47			16	4			51	44		0	4	58	92	
43		1	59	25		1	32	5			10	24			42	98		0	4	24	52	
44		2	0	29		1	7	9			11	16			46	33		0	4	4	87	
45		1	27	47		1	12	74			11	80			58	67		0	3	50	68	
46		1	59	4		1	7	17			19	74			50	84		0	4	16	79	
47		1	44	1		1	23	3			16	85			51	16		0	4	15	5	
48		1	32	3		1	17	59			17	89			56	15		0	4	3	66	
49		1	25	76		1	22	79			10	12			48	18		0	3	46	85	
50		1	24	17		1	23	27			44	24			49	90		0	4	21	58	
51		1	33	87		1	18	57			33	82		1	11	2		0	4	37	28	
52		2	0	90		1	18	3			25	72						0	3	44	65	
Total	1	1	58	52	0	37	49	1	0	14	54	52	0	20	58	13		2	20	59	43	
Mean	0	1	11	51	0	0	43	63	0	0	17	20	0	0	24	67		0	2	45	87	
Skill	-0.05				0.03				0.15				0.11									
Effort	-0.04				0.02				0.13				0.1									
Condition	-0.03				0				0.06				0.04									
Consistency	-0.04				-0.04				0.01				0.01									
Algebraic sum	-0.16				0.01				0.35				0.26									
Performance factor	0.84				1.01				1.35				1.26									
Waktu normal	0	52	3	56	0	38	11	70	0	20	7	60	0	26	25	24		2	23	24	41	

TANGGAL : 22-Oct-13
WAKTU : 11:30
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XI)																								
Waktu persiapan					0	4	41	27	Waktu normal								0	3	42	20				
Skill					-0.1				Consistency								0							
Effort					-0.08				Algebraic sum								-0.21							
Condition					-0.03				Performance factor								0.79							
Pemasangan casing (siklus ke-18)					0	7	44	60	Waktu normal								0	3	52	30				
Skill					-0.22				Consistency								-0.04							
Effort					-0.17				Algebraic sum								-0.5							
Condition					-0.07				Performance factor								0.5							
no	Elemen kerja																				durasi (1 siklus)			
	a				b				c				d											
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms				
1			20	71			6	79			25	5			3	5	0	5	36	87				
2			25	80			9	95			26	21			4	24	0	1	6	20				
3			36	69			12	55			32	18			6	25	0	1	27	67				
4			22	13			11	25			16	78			6	4	0	0	56	20				
5			21	37			24	60			17	14			14	45	0	1	17	56				
6			11	59			26	12			22	6			18	87	0	1	18	64				
7			11	25			29	85			10	37			16	41	0	1	7	88				
8			11	47			32	94			11	47			13	69	0	1	9	57				
9			11	13			23	79			10	27			20	65	0	1	5	84				
10			12	8			31	72			14	77			18	72	0	1	17	29				
11			15	71			27	64			11	10			43	66	0	1	38	11				
12			19	93			39	21			11	20			8	31	0	1	18	65				
13			15	20			33	83			13	21			15	77	0	1	18	1				
14			15	88			26	74			14	43			16	68	0	1	13	73				
15			20	71			24	79			14	82			18	56	0	1	18	88				
16			19	41			32	30			13	5			16	20	0	1	20	96				
17			21	80			27	62			13	29			17	2	0	1	19	73				
18			24	31			24	31			29	21			15	1	0	9	17	44				
19			20	42			24	95			38	28			14	65	0	1	38	30				
20			15	69			28	51			33	63			19	47	0	1	37	30				
21			25	66			37	55			34	24			54	13	0	2	31	58				
22			31	89			35	41			32	18			15	41	0	1	54	89				
23			34	41			41	94			33	52			13	62	0	2	3	49				
24			35	51			42	99		1	8	25			24	91	0	2	51	66				
25			15	31			34	63			27	27			31	27	0	1	48	48				
26			25	68			39	50		1	36	44			51	30	0	3	32	92				
27			36	37			27	41			15	42			52	16	0	2	11	36				
28			40	69			46	67			53	36			25	96	0	2	46	68				
29			32	65			37	16			39	60			51	37	0	2	40	78				
30			26	35			37	70		1	21	15			27	45	0	2	52	65				
31			24	52			38	83			35	64			35	78	0	2	14	77				
32			35	14			39	8			27	64			28	70	0	2	10	56				
33			39	96			43	2			30	58			48	35	0	2	41	91				
34		1	10	29			41	62			25	90			51	65	0	3	9	46				
35			20	76			48	7			38	3			34	19	0	2	21	5				
36			23	1			44	15			31	86			38	41	0	2	17	43				
37			50	16			49	98			30	77			46	13	0	2	57	4				
38			41	58			53	41			26	25			51	80	0	2	53	4				
39		1	4	82			57	52			30	15			54	48	0	3	26	97				
40		1	29	77			52	16			31	89		1	6	87	0	4	0	69				
41		1	12	16			51	63			32	15		1	35	71	0	4	11	65				
42			54	31		1	6	95			37	33			45	19	0	3	23	78				
43			47	33			54	50			39	57			51	96	0	3	13	36				
44		1	51	57		1	12	96			55	33			45	53	0	4	45	39				
45		1	31	18		1	22	19			28	71			45	60	0	4	7	68				
46		1	57	27		1	22	80			30	95		1	6	3	0	4	57	5				
47		1	32	40		1	26	12			17	8			46	73	0	4	2	33				
48		1	47	0		1	5	31			28	31			48	50	0	4	9	12				
49		1	33	23		1	4	59			40	76			54	21	0	4	12	79				
50		2	25	82		1	25	13			32	1		1	10	53	0	5	33	49				
51		1	39	55		1	58	11			35	52					0	4	13	18				
Total	0	36	9	63	0	36	18	55	0	25	46	38	0	28	1	63	2	18	42	6				
Mean	0	0	42	54	0	0	42	72	0	0	30	32	0	0	33	63	0	2	46	44				
Skill	0.15				0.03				0.06				0											
Effort	0.13				0.02				0.05				0											
Condition	0.06				0.02				0.02				0											
Consistency	-0.04				0.01				0				0.01											
Algebraic sum	0.3				0.08				0.13				0.01											
Performance factor	1.3				1.08				1.13				1.01											
Waktu normal	0	47	0	52	0	39	12	83	0	29	7	41	0	28	18	45	2	31	13	71				

TANGGAL : 22-Oct-13
WAKTU : 14:13
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XII)																				
Waktu persiapan					0	4	51	77	Waktu normal								0	3	50	50
Skill					-0.1				Consistency								0			
Effort					-0.08				Algebraic sum								-0.21			
Condition					-0.03				Performance factor								0.79			
Pemasangan casing (siklus ke-13)					0	3	9	58	Waktu normal								0	3	56	98
Skill					0.11				Consistency								0			
Effort					0.1				Algebraic sum								0.25			
Condition					0.04				Performance factor								1.25			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			33	0			9	65			17	77			3	1	0	5	55	20
2			21	98			11	13			22	68			4	65	0	1	0	44
3			36	55			11	19			28	91			4	87	0	1	21	52
4			35	77			12	60			36	27			5	56	0	1	30	20
5			51	76			13	71			32	96			6	6	0	1	44	49
6			36	68			15	81			26	45			8	21	0	1	27	15
7			33	50			15	9			36	70			9	28	0	1	34	57
8			37	45			16	8			24	35			11	52	0	1	29	40
9			50	18			17	38			23	75			12	20	0	1	43	51
10			40	6			19	48			34	66			12	5	0	1	46	25
11			30	20			20	38			31	87			13	27	0	1	35	72
12			14	28			20	47			29	76			14	60	0	1	19	11
13			19	52			21	20			20	25			16	64	0	4	27	19
14			58	44			22	89			32	73			18	71	0	2	12	77
15			35	4			22	68			29	65			19	93	0	1	47	30
16			48	66			23	37			27	76			19	71	0	1	59	50
17			47	1			24	14			34	19			20	80	0	2	6	14
18			30	65			27	76			36	85			23	69	0	1	58	95
19			38	41			28	9			23	35			24	66	0	1	54	51
20			50	37			28	96			19	16			24	89	0	2	3	38
21			51	45			29	20			38	96			24	37	0	2	23	98
22			40	71			27	1			22	72			25	53	0	1	55	97
23			30	16			30	2			33	59			24	84	0	1	58	61
24			45	5			30	90			31	81			24	72	0	2	12	48
25		1	35	26			31	95			25	97			29	44	0	3	2	62
26			26	47			37	52			36	8			30	5	0	2	10	12
27			33	24			34	46			34	31			34	57	0	2	16	58
28			34	14			24	54			30	1			30	79	0	1	59	48
29			29	93			39	62			27	1			31	64	0	2	8	20
30			57	34			35	87			19	36			30	71	0	2	23	28
31			33	60			39	56			32	53			32	27	0	2	17	96
32			49	14			41	29			25	81			33	12	0	2	29	36
33			28	2			42	21			31	65			33	19	0	2	15	7
34			35	13			46	2			37	81			34	3	0	2	32	99
35			51	27			45	88			33	0			35	16	0	2	45	31
36			54	22			49	21			27	88			36	72	0	2	48	3
37		1	3	31			48	53			34	87			38	16	0	3	4	87
38		1	3	66			53	86			31	36			41	18	0	3	10	6
39			41	80			49	94			39	43			42	74	0	2	53	91
40			49	31			53	17			24	56			43	65	0	2	50	69
41		1	2	55			57	36			35	79			44	18	0	3	19	88
42		1	0	2			59	15			28	72			48	0	0	3	15	89
43		1	45	95		1	7	23			32	82			36	8	0	4	2	8
44		1	14	13		1	5	42			26	11			40	82	0	3	26	48
45		1	41	38		1	4	21			36	97			43	30	0	4	5	86
46		1	43	92		1	11	31			31	60			45	62	0	4	12	45
47		1	23	56		1	13	32			25	52			47	93	0	3	50	33
48		1	10	16		1	17	65			19	85			48	15	0	3	35	81
49			57	99		1	17	50			34	83			49	11	0	3	39	43
50		1	10	49		1	18	68			31	85			53	7	0	3	54	9
51		1	23	12		1	20	85			24	11			59	3	0	4	7	11
52			41	64		1	7	77			32	51					0	2	21	92
Total	0	42	57	63	0	33	33	27	0	25	49	47	0	24	6	48	2	14	28	20
Mean	0	0	49	57	0	0	38	72	0	0	29	80	0	0	28	36	0	2	38	20
Skill	0.13				0.11				0.06				0.08							
Effort	0.12				0.1				0.05				0.08							
Condition	0.06				0.04				0.02				0.02							
Consistency	-0.04				0.04				-0.02				0.04							
Algebraic sum	0.27				0.29				0.11				0.22							
Performance factor	1.27				1.29				1.11				1.22							
Waktu normal	0	54	33	59	0	43	17	12	0	28	39	91	0	29	24	71	2	43	42	81

TANGGAL : 28-Oct-13
WAKTU : 9:47
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XIII)																				
Waktu persiapan					0	2	53	31	Waktu normal								0	3	26	24
Skill						0.08			Consistency									0.01		
Effort						0.08			Algebraic sum									0.19		
Condition						0.02			Performance factor									1.19		
Pemasangan casing (siklus ke-13)					0	4	39	37	Waktu normal								0	5	10	10
Skill						0.03			Consistency									0.04		
Effort						0.02			Algebraic sum									0.11		
Condition						0.02			Performance factor									1.11		

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	27			7	26			36	40			2	91	0	4	12	15
2			28	72			8	32			20	52			5	50	0	1	3	6
3			29	8			9	49			19	50			6	41	0	1	4	48
4			41	93			10	44			33	11			8	90	0	1	34	38
5			33	18			12	21			19	17			5	9	0	1	9	65
6			39	28			14	64			37	41			9	8	0	1	40	41
7			35	1			15	89			14	42			10	2	0	1	15	34
8			41	71			15	37			33	34			12	30	0	1	42	72
9			49	47			17	72			59	73			14	62	0	2	21	54
10			31	2			20	71			28	82			15	19	0	1	35	74
11		1	23	13			18	64			22	72			15	22	0	2	19	71
12			41	55			20	8			35	47			16	32	0	1	53	42
13			47	99			21	45			32	64			18	32	0	6	39	77
14			35	81			24	31			41	21			20	58	0	2	1	91
15			31	71			26	81			25	25			21	24	0	1	45	1
16			40	6			29	63			20	66			25	51	0	1	55	86
17			38	65			25	53			27	65			27	13	0	1	58	96
18		1	13	73			26	3			41	72			27	92	0	2	49	40
19			46	72			29	40			25	10			28	61	0	2	9	83
20			31	31			31	96			28	66			31	32	0	2	3	25
21		1	35	3			34	11			20	44			32	72	0	3	2	30
22			39	49			30	87			28	72			32	29	0	2	11	37
23			41	23			32	55			26	8		1	1	31	0	2	41	17
24			40	30			34	34			26	16			34	42	0	2	15	22
25			42	79			37	72			32	1			34	29	0	2	26	81
26		1	3	13			39	24			32	97			36	12	0	2	51	46
27			40	68			41	37			40	52			37	28	0	2	39	85
28			45	76			43	35			36	24			38	20	0	2	43	55
29			49	46			44	49			32	33			30	48	0	2	36	76
30			31	62			47	5			48	36			29	34	0	2	36	37
31		1	5	21			45	37			33	48			30	64	0	2	54	70
32		1	11	86			47	5			19	23			31	1	0	2	49	15
33			37	94			49	79			28	32			33	58	0	2	29	63
34		1	12	50			51	62			28	58			34	30	0	3	7	0
35			41	77			53	18			24	43			41	43	0	2	40	81
36		1	12	47			53	23			24	69			35	48	0	3	5	87
37			32	2			57	35			31	32			38	66	0	2	39	35
38		1	7	80			58	48			34	44			40	27	0	3	20	99
39			51	55			59	28			15	21			42	0	0	2	48	4
40			49	51		1	2	0			20	37			43	8	0	2	54	96
41		2	18	56		1	4	19			13	47			45	93	0	4	22	15
42			41	16		1	6	18			34	20			41	11	0	3	2	65
43		1	32	31		1	2	1			31	35			50	20	0	3	55	87
44		1	34	2		1	4	31			18	49			52	48	0	3	49	30
45		2	1	12		1	6	32			22	89			53	44	0	4	23	77
46			44	50		1	20	47			27	11			55	11	0	3	27	19
47			53	34		1	12	6			28	76			59	16	0	3	33	32
48			44	23		1	15	86			47	93		1	2	3	0	3	50	5
49			43	10		2	3	51			33	5					0	3	19	66
Total	0	42	36	79	0	33	3	24	0	24	4	65	0	24	38	55	2	11	55	91
Mean	0	0	52	18	0	0	40	47	0	0	29	48	0	0	30	80	0	2	44	91
Skill		0.11				0.08				0.06				0.06						
Effort		0.1				0.08				0.05				0.05						
Condition		0.04				0.02				0.02				0.02						
Consistency		-0.04				0.03				0				0.03						
Algebraic sum		0.21				0.21				0.13				0.16						
Performance factor		1.21				1.21				1.13				1.16						
Waktu normal	0	51	33	72	0	39	59	72	0	27	12	45	0	28	35	12	2	35	57	35

TANGGAL : 28-Oct-13
WAKTU : 13:05
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XIV)																				
Waktu persiapan					0	2	54	67	Waktu normal								0	3	27	86
Skill					0.08				Consistency								0.01			
Effort					0.08				Algebraic sum								0.19			
Condition					0.02				Performance factor								1.19			
Pemasangan casing (siklus ke-15)					0	2	38	15	Waktu normal								0	3	28	76
Skill					0.13				Consistency								0.01			
Effort					0.12				Algebraic sum								0.32			
Condition					0.06				Performance factor								1.32			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			28	24			7	18			20	32			3	8	0	3	53	49
2			27	43			7	20			14	42			4	89	0	0	53	94
3			43	49			9	4			32	48			5	9	0	1	30	10
4			48	76			9	65			28	93			7	96	0	1	35	30
5			53	50			10	71			32	11			7	52	0	1	43	84
6			42	24			9	47			23	72			9	21	0	1	24	64
7			47	31			11	57			29	66			9	21	0	1	37	75
8		1	12	58			12	9			25	8			10	43	0	2	0	18
9			45	27			14	72			38	23			10	11	0	1	48	33
10			50	35			15	56			32	32			11	82	0	1	50	5
11			36	31			15	90			25	89			12	25	0	1	30	35
12			41	11			17	47			31	95			12	22	0	1	42	75
13			30	28			16	74			21	92			12	35	0	1	21	29
14			51	6			21	79			19	76			14	53	0	1	47	14
15			34	76			22	57			32	33			12	56	0	4	20	37
16			50	47			27	3			34	31			14	5	0	2	5	86
17			43	98			22	8			20	14			14	3	0	1	40	23
18		1	21	44			23	5			27	9			15	6	0	2	26	64
19			54	8			25	88			24	47			17	15	0	2	1	58
20			47	82			34	33			27	13			20	26	0	2	9	54
21			47	45			31	73			27	64			22	28	0	2	9	10
22			30	33			34	79			31	1			23	1	0	1	59	14
23			33	71			39	25			31	37			23	44	0	2	7	77
24			37	25			41	44			21	50			25	55	0	2	5	74
25			51	4			39	90			21	54			24	37	0	2	16	85
26			45	97			40	2			13	33			26	2	0	2	5	34
27			55	53			40	38			32	44			27	21	0	2	35	56
28			38	11			42	84			30	55			29	94	0	2	21	44
29			31	85			43	48			26	16			31	31	0	2	12	80
30			48	51			44	74			28	27			30	68	0	2	32	20
31			32	44			44	77			40	29			30	77	0	2	28	27
32		1	23	93			45	85			27	31			34	18	0	3	11	27
33			31	80			47	16			31	41			33	65	0	2	24	2
34			35	17			50	20			30	6			31	93	0	2	27	44
35			31	7			50	83			24	13			33	12	0	2	19	15
36			49	52			46	36			22	27			35	55	0	2	33	70
37			37	66			53	28			47	19			45	93	0	3	4	6
38		1	29	30			55	20			42	32			40	81	0	3	47	63
39			57	10			57	27			41	23			37	51	0	3	13	11
40			42	14			57	28			42	5			48	22	0	3	9	69
41			47	30			58	35			46	14			31	3	0	3	2	82
42			36	41			59	47			38	37			36	88	0	2	51	13
43			43	81			59	55			22	43			42	71	0	2	48	50
44			29	90		1	2	32			41	79			50	40	0	3	4	41
45		1	29	52		1	2	24			38	83			51	83	0	4	2	42
46			46	66		1	5	41			34	41			52	10	0	3	18	58
47			55	91		1	7	52			16	98			53	22	0	3	13	63
48			38	90		1	5	52			25	7			54	51	0	3	4	0
49			41	1		1	7	14			24	18			54	82	0	3	7	15
50			45	32		1	9	13			19	16			55	19	0	3	8	80
51			49	43		1	10	16			17	41			58	92	0	3	15	92
52		1	37	53		1	8	61			21	62		1	2	72	0	4	10	48
53		1	42	2		1	9	77			18	96					0	3	10	75
Total	0	42	44	8	0	34	46	7	0	25	19	68	0	24	23	59	2	12	46	24
Mean	0	0	48	38	0	0	39	36	0	0	28	67	0	0	28	15	0	2	33	20
Skill	0.13				0.08				0.08				0.08							
Effort	0.12				0.08				0.08				0.08							
Condition	0.06				0.04				0.02				0.04							
Consistency	0				0.04				0				0.04							
Algebraic sum	0.31				0.24				0.18				0.24							
Performance factor	1.31				1.24				1.18				1.24							
Waktu normal	0	55	58	94	0	43	6	73	0	29	53	22	0	30	14	85	2	46	10	36

TANGGAL : 28-Oct-13
WAKTU : 10:15
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XV)																				
Waktu persiapan					0	3	56	31	Waktu normal								0	4	5	76
Skill					0				Consistency								0.04			
Effort					0				Algebraic sum								0.04			
Condition					0				Performance factor								1.04			
Pemasangan casing (siklus ke-15)					0	4	44	63	Waktu normal								0	5	15	94
Skill					0.03				Consistency								0.04			
Effort					0.02				Algebraic sum								0.11			
Condition					0.02				Performance factor								1.11			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			36	64			8	70			26	69			4	68	0	5	13	2
2			32	71			10	99			31	96			5	27	0	1	20	93
3			43	81			10	37			29	51			5	75	0	1	29	44
4			34	11			11	20			33	21			6	25	0	1	24	77
5			28	24			13	25			36	16			8	85	0	1	26	50
6			31	5			14	33			53	91			9	72	0	1	49	1
7			30	35			15	79			25	28			11	81	0	1	23	23
8			44	31			16	19			30	78			13	97	0	1	45	25
9			45	51			18	44			32	59			14	36	0	1	50	90
10			31	25			16	4			28	11			14	65	0	1	30	5
11			48	72			15	67			35	26			15	81	0	1	55	46
12			23	95			22	15			20	50			16	0	0	1	22	60
13			49	71			24	2			37	30			18	36	0	2	9	39
14			41	25			27	71			33	51			20	56	0	2	3	3
15			44	63			31	18			41	32			22	82	0	7	4	58
16			40	98			32	48			27	31			23	60	0	2	4	37
17			47	48			34	24			28	48			25	85	0	2	16	5
18			39	25			34	63			32	43			26	11	0	2	12	42
19			59	54			35	37			36	0			28	51	0	2	39	42
20			42	31			36	33			29	8			31	55	0	2	19	27
21			39	1			39	45			28	44			27	76	0	2	14	66
22			46	88			38	57			34	3			29	20	0	2	28	68
23			44	78			40	28			20	76			30	52	0	2	16	34
24			55	41			40	94			31	24			32	1	0	2	39	60
25		1	10	18			41	44			28	76			32	37	0	2	52	75
26		1	13	83			40	16			33	44			32	16	0	2	59	59
27		1	14	95			42	74			30	25			35	47	0	3	3	41
28		1	16	95			44	24			37	85			42	93	0	3	21	97
29			36	90			50	72			39	52			35	2	0	2	42	16
30			31	91			41	88			20	30			38	13	0	2	12	22
31			47	52			42	95			28	32			39	80	0	2	38	59
32			31	65			44	77			27	43			39	55	0	2	23	40
33			41	44			45	2			36	2			40	13	0	2	42	61
34		1	20	77			47	8			35	47			35	92	0	3	19	24
35			41	82			51	82			36	55			36	56	0	2	46	75
36			52	67			53	68			20	31			37	49	0	2	44	15
37			46	45			54	67			23	86			41	64	0	2	46	62
38		1	34	25			57	85			20	56			40	70	0	3	33	36
39			47	47			42	44			19	31			40	66	0	2	29	88
40			38	90			55	41			22	23			40	73	0	2	37	27
41			40	55			51	71			26	10			44	85	0	2	43	21
42			44	79			55	27			24	1			46	96	0	2	51	3
43			58	62			51	17			17	33			47	8	0	2	54	20
44		2	11	41		1	24	9			25	29			49	1	0	4	49	80
45		1	15	2			57	25			18	23			53	65	0	3	24	15
46		1	19	95			50	29			24	14			55	81	0	3	30	19
47			34	96		1	11	76			20	43			50	43	0	2	57	58
48			35	59		1	14	87			20	98			50	72	0	3	2	16
49			50	13		1	23	90			21	62			51	11	0	3	26	76
50			44	72		1	39	12			44	96			59	85	0	4	8	65
51		1	55	47		1	3	62			25	63					0	3	24	72
Total	0	43	0	75	0	34	48	24	0	24	52	76	0	26	2	70	2	17	25	39
Mean	0	0	50	60	0	0	40	95	0	0	29	27	0	0	31	25	0	2	44	91
Skill	0.11				0.06				0.06				0.06							
Effort	0.1				0.05				0.05				0.05							
Condition	0.04				0.02				0.02				0.02							
Consistency	-0.02				0.03				-0.02				0.04							
Algebraic sum	0.23				0.16				0.11				0.17							
Performance factor	1.23				1.16				1.11				1.17							
Waktu normal	0	52	54	32	0	40	22	36	0	27	36	96	0	30	28	36	2	40	43	70

TANGGAL : 29-Oct-13
WAKTU : 10:33
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XVI)																				
Waktu persiapan					0	2	54	67	Waktu normal								0	3	27	86
Skill					0.08				Consistency								0.01			
Effort					0.08				Algebraic sum								0.19			
Condition					0.02				Performance factor								1.19			
Pemasangan casing (siklus ke-14)					0	7	50	64	Waktu normal								0	3	55	32
Skill					-0.22				Consistency								-0.04			
Effort					-0.17				Algebraic sum								-0.5			
Condition					-0.07				Performance factor								0.5			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			51	33			6	95			25	69			5	33	0	4	23	97
2			30	61			7	37			31	77			5	30	0	1	15	5
3			47	65			9	25			25	41			5	26	0	1	27	57
4			51	81			12	52			29	16			6	37	0	1	39	86
5			26	87			12	99			31	65			6	31	0	1	17	82
6			49	4			14	55			36	96			7	51	0	1	48	6
7			49	77			20	91			41	60			7	30	0	1	59	58
8		1	0	84			16	54			25	53			8	1	0	1	50	92
9			41	14			17	4			36	21			9	0	0	1	43	39
10			36	48			19	60			31	27			8	21	0	1	35	56
11			41	38			22	63			25	28			9	32	0	1	38	61
12			35	61			25	70			21	29			11	54	0	1	34	14
13			31	33			29	19			23	49			12	50	0	1	36	51
14			35	77			31	42			39	44			12	35	0	9	49	62
15		1	14	79			28	42			37	2			13	15	0	2	33	38
16			55	85			29	77			34	24			15	12	0	2	14	98
17			50	26			28	96			29	25			17	40	0	2	5	87
18			47	52			29	87			19	5			18	48	0	1	54	92
19			53	34			33	52			26	59			21	97	0	2	15	42
20			39	96			35	88			35	89			20	41	0	2	12	14
21			38	7			36	24			45	99			20	79	0	2	21	9
22			40	17			38	27			23	39			20	81	0	2	2	64
23		1	4	70			41	61			28	56			21	15	0	2	36	2
24		1	7	12			43	24			31	78			21	28	0	2	43	42
25			46	96			43	91			30	42			21	2	0	2	22	31
26			45	90			45	36			28	68			22	98	0	2	22	92
27			45	30			41	71			15	62			25	15	0	2	7	78
28			49	8			47	52			15	79			26	17	0	2	18	56
29			44	76			47	28			25	38			29	18	0	2	26	60
30			45	2			49	57			16	50			30	50	0	2	21	59
31			41	86			51	72			11	31			31	7	0	2	15	96
32			31	10			51	23			16	55			32	65	0	2	11	53
33			43	7			52	14			10	27			48	51	0	2	33	99
34			43	66			52	29			44	41			35	7	0	2	55	43
35			59	39			53	28			30	47			37	5	0	3	0	19
36		1	20	98			58	48			22	64			38	54	0	3	20	64
37		1	2	48			59	27			30	25			40	28	0	3	12	28
38			40	31			59	22			24	72			40	15	0	2	44	40
39			47	34			59	30			32	72			41	97	0	3	1	33
40		1	21	98			44	24			40	1			43	50	0	3	29	73
41		1	21	24			45	24			23	33			43	74	0	3	13	55
42			49	9			57	27			31	32			47	7	0	3	4	75
43			53	41		1	10	27			27	32			54	72	0	3	25	72
44		1	8	20		1	13	31			33	37			57	21	0	3	52	9
45			52	91		1	13	37			31	20		1	8	12	0	3	45	60
46			54	18		1	8	39			28	49		1	20	72	0	3	51	78
47		1	21	24		1	9	34			32	5			59	20	0	4	1	83
48		1	7	9		1	11	15			34	11			58	83	0	3	51	18
49		1	8	81		1	8	25			39	81		1	7	81	0	4	4	68
50			35	40		1	15	27			41	41					0	2	32	8
Total	0	42	22	17	0	34	40	82	0	24	14	66	0	23	6	8	2	15	9	4
Mean	0	0	50	84	0	0	41	62	0	0	29	9	0	0	28	29	0	2	45	49
Skill	0.11				0.06				0.06				0.08							
Effort	0.1				0.05				0.05				0.08							
Condition	0.04				0.02				0.02				0.04							
Consistency	-0.02				0.03				-0.04				0.03							
Algebraic sum	0.23				0.16				0.09				0.23							
Performance factor	1.23				1.16				1.09				1.23							
Waktu normal	0	52	6	87	0	40	13	75	0	26	25	58	0	28	24	88	2	34	34	26

TANGGAL : 2-Nov-13
WAKTU : 8:40
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XVII)																				
Waktu persiapan					0	2	41	56	Waktu normal								0	3	13	87
Skill					0.08				Consistency								0			
Effort					0.08				Algebraic sum								0.2			
Condition					0.04				Performance factor								1.2			
Pemasangan casing (siklus ke-12)					0	3	42	24	Waktu normal								0	4	28	91
Skill					0.08				Consistency								0.01			
Effort					0.08				Algebraic sum								0.21			
Condition					0.04				Performance factor								1.21			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	80			8	5			22	72			3	25	0	3	48	38
2			48	37			8	51			20	74			4	68	0	1	22	30
3			47	20			8	71			40	84			6	57	0	1	43	32
4			30	41			9	98			33	41			5	78	0	1	19	58
5			49	51			12	88			24	7			6	31	0	1	32	77
6			47	37			11	83			34	28			7	41	0	1	40	89
7			42	35			12	91			24	61			9	4	0	1	28	91
8			47	77			13	67			33	93			11	97	0	1	47	34
9			34	16			15	25			30	91			15	91	0	1	36	23
10			45	57			16	90			33	85			18	67	0	1	54	99
11		1	9	40			19	41			28	28			12	53	0	2	9	62
12			38	55			20	96			39	90			14	90	0	1	54	31
13			36	79			20	13			24	71			15	24	0	1	36	87
14			28	25			18	72			32	71			17	87	0	1	37	55
15			25	12			20	96			26	61			17	61	0	5	12	54
16			30	72			21	51			32	87			18	95	0	1	44	5
17			52	83			23	16			36	44			18	7	0	2	10	50
18			31	62			24	11			33	44			19	34	0	1	48	51
19			36	55			25	50			25	6			21	51	0	1	48	62
20			38	94			28	31			35	22			22	26	0	2	4	73
21			36	63			27	0			30	34			21	62	0	1	55	59
22			42	70			29	3			26	62			23	51	0	2	1	86
23			50	2			30	24			21	7			25	49	0	2	6	82
24			52	62			31	76			18	73			25	45	0	2	8	56
25		1	23	41			33	30			27	11			26	34	0	2	50	16
26			40	63			33	32			35	73			27	19	0	2	16	87
27			31	50			35	47			26	93			29	37	0	2	3	27
28		1	5	59			37	86			35	71			28	20	0	2	47	36
29			40	11			38	31			31	62			28	29	0	2	18	33
30			35	21			41	10			44	83			31	7	0	2	32	21
31			41	78			42	1			30	36			24	20	0	2	18	35
32			35	27			44	29			33	45			26	85	0	2	19	86
33			50	20			45	23			19	3			26	35	0	2	20	81
34		1	39	5			46	98			22	37			27	70	0	3	16	10
35			58	63			47	96			39	44			28	96	0	2	54	99
36			46	52			49	63			36	91			30	4	0	2	43	10
37			30	25			50	11			36	21			32	57	0	2	29	14
38		1	24	36			50	53			30	90			41	99	0	3	27	78
39		1	26	60			51	20			18	71			42	15	0	3	18	66
40			48	64			59	27			27	21			44	41	0	2	59	53
41			31	90		1	2	34			22	28			45	90	0	2	42	42
42			45	86			54	31			19	54			47	22	0	2	46	93
43			23	15			55	37			25	16			50	23	0	2	33	91
44			44	33			57	27			20	98			48	28	0	2	50	86
45		1	11	95			58	19			23	87			48	17	0	3	22	18
46			58	76		1	8	25			25	51			43	28	0	3	15	80
47			51	52			59	10			27	91			44	53	0	3	3	6
48			47	5			59	44			27	90			46	31	0	3	0	70
49			31	24			59	25			30	45			51	26	0	2	52	20
50			53	87		1	12	41			27	91			49	30	0	3	23	49
51		1	57	69		1	24	56			32	22			52	39	0	4	46	86
52			43	56		1	25	68			21	89			55	28	0	3	26	41
53			44	65		1	37	92			24	82					0	2	47	39
Total	0	42	19	53	0	34	0	15	0	25	38	32	0	24	1	77	2	12	23	57
Mean	0	0	47	92	0	0	38	49	0	0	29	2	0	0	27	73	0	2	32	76
Skill	0.13				0.11				0.06				0.08							
Effort	0.12				0.1				0.05				0.08							
Condition	0.06				0.04				0.02				0.04							
Consistency	-0.04				0.03				-0.02				0.03							
Algebraic sum	0.27				0.28				0.11				0.23							
Performance factor	1.27				1.28				1.11				1.23							
Waktu normal	0	53	45	20	0	43	31	39	0	28	27	54	0	29	33	38	2	43	0	29

TANGGAL : 2-Nov-13
WAKTU : 10:50
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XVIII)																				
Waktu persiapan					0	3	45	98	Waktu normal								0	3	52	76
Skill					0				Consistency								0.03			
Effort					0				Algebraic sum								0.03			
Condition					0				Performance factor								1.03			
Pemasangan casing (siklus ke-17)					0	3	19	31	Waktu normal								0	4	9	14
Skill					0.11				Consistency								0			
Effort					0.1				Algebraic sum								0.25			
Condition					0.04				Performance factor								1.25			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			28	25			9	37			21	37			4	28	0	4	49	25
2			37	45			8	52			32	61			4	47	0	1	23	5
3			32	72			9	55			39	5			5	55	0	1	26	87
4			30	31			10	60			25	66			6	47	0	1	13	4
5			45	2			12	19			30	97			8	58	0	1	36	76
6			27	47			13	96			20	22			9	35	0	1	11	0
7			34	16			14	61			41	73			9	32	0	1	39	82
8		1	19	78			17	91			24	8			8	92	0	2	10	69
9			32	41			18	28			28	4			10	33	0	1	29	6
10			40	96			20	23			20	4			11	54	0	1	32	77
11			42	21			24	48			22	98			12	13	0	1	41	80
12			46	53			27	22			27	84			13	37	0	1	54	96
13			54	9			33	24			25	90			13	18	0	2	6	41
14			36	71			33	37			21	2			15	96	0	1	47	6
15			34	22			34	25			25	55			21	79	0	1	55	81
16			47	6			35	37			26	12			20	16	0	2	8	71
17			57	54			37	0			29	72			18	55	0	5	42	12
18			34	58			39	98			26	95			18	24	0	1	59	75
19		1	18	16			38	68			42	55			20	20	0	2	59	59
20			48	44			38	20			24	67			19	24	0	2	10	55
21			43	30			38	44			27	70			20	32	0	2	9	76
22			44	89			39	65			29	98			23	35	0	2	17	87
23		1	0	81			40	37			26	50			23	2	0	2	30	70
24			46	22			40	71			25	80			25	35	0	2	18	8
25			47	34			43	24			31	31			27	30	0	2	29	19
26			43	82			41	14			19	11			29	51	0	2	13	58
27			55	87			41	34			22	77			31	35	0	2	31	33
28			51	58			44	14			39	50			30	41	0	2	45	63
29			53	69			45	27			20	6			31	23	0	2	30	25
30			36	23			48	66			13	28			30	41	0	2	8	58
31		1	4	9			47	55			32	66			32	39	0	2	56	69
32			39	2			48	2			34	1			32	47	0	2	33	52
33			50	72			52	38			31	16			34	46	0	2	48	72
34			39	16			45	99			18	24			34	11	0	2	17	50
35			59	62			48	64			40	93			36	49	0	3	5	68
36			54	37			40	57			30	60			37	53	0	2	43	7
37		1	31	47			40	55			23	2			38	39	0	3	13	43
38			52	10			41	56			30	31			39	36	0	2	43	33
39			54	49			42	99			22	31			40	64	0	2	40	43
40			41	84			44	27			18	38			42	69	0	2	27	18
41			40	40			44	88			24	16			46	53	0	2	35	97
42			59	63			44	81			36	49			44	24	0	3	5	17
43		1	12	57			45	71			39	64			45	78	0	3	23	70
44		1	13	62			46	72			32	77			51	54	0	3	24	65
45			41	12		1	18	21			42	91			53	45	0	3	35	69
46			52	43			50	97			32	66			44	42	0	3	0	48
47			53	5			52	41			34	76			49	75	0	3	9	97
48			44	30			55	27			31	19			55	82	0	3	6	58
49			40	23			54	72			32	16			59	70	0	3	6	81
50			47	61			55	7			33	81			58	34	0	3	14	83
51			39	83		1	30	32			29	1			57	46	0	3	36	62
52		1	11	42		1	32	37			31	43					0	3	15	22
Total	0	42	14	91	0	34	23	95	0	24	55	69	0	24	19	44	2	12	59	28
Mean	0	0	48	75	0	0	39	69	0	0	28	76	0	0	28	62	0	2	36	46
Skill	0.13				0.08				0.06				0.08							
Effort	0.12				0.08				0.05				0.08							
Condition	0.06				0.04				0.02				0.02							
Consistency	-0.02				0.03				0				0.04							
Algebraic sum	0.29				0.23				0.13				0.22							
Performance factor	1.29				1.23				1.13				1.22							
Waktu normal	0	54	30	3	0	42	18	66	0	28	10	13	0	29	40	52	2	42	41	24

TANGGAL : 2-Nov-13
WAKTU : 13:25
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XIX)																				
Waktu persiapan					0	4	51	44	Waktu normal								0	3	50	24
Skill					-0.1				Consistency								0			
Effort					-0.08				Algebraic sum								-0.21			
Condition					-0.03				Performance factor								0.79			
Pemasangan casing (siklus ke-17)					0	5	58	8	Waktu normal								0	5	7	95
Skill					-0.05				Consistency								-0.02			
Effort					-0.04				Algebraic sum								-0.14			
Condition					-0.03				Performance factor								0.86			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			22	59			7	23			15	60			4	48	0	5	41	34
2			35	80			8	28			18	94			4	28	0	1	7	30
3			30	67			10	44			24	72			5	41	0	1	11	24
4			40	4			11	21			15	83			7	74	0	1	14	82
5			34	96			13	41			34	51			10	35	0	1	33	23
6			34	59			14	47			43	94			8	31	0	1	41	31
7			39	66			14	42			17	50			9	87	0	1	21	45
8			32	86			16	55			25	70			9	28	0	1	24	39
9			32	72			17	10			18	7			9	24	0	1	17	13
10			40	50			19	16			31	52			9	43	0	1	40	61
11			35	15			20	47			39	96			11	89	0	1	47	47
12			48	87			22	41			41	80			13	16	0	2	6	24
13			39	84			23	37			44	12			14	85	0	2	2	18
14			41	40			25	38			33	59			15	82	0	1	56	19
15			42	45			27	58			25	11			15	72	0	1	50	86
16			41	57			40	34			39	80			16	32	0	2	18	3
17		1	19	62		1	3	35			16	69			17	0	0	8	54	74
18			52	87			37	35			30	47			18	65	0	2	19	34
19		1	11	69			37	32			24	8			20	44	0	2	33	53
20		1	25	96			36	42			31	93			19	55	0	2	53	86
21		1	21	30			38	66			33	71			25	92	0	2	59	59
22		1	17	74			35	32			17	31			21	2	0	2	31	39
23			40	63			35	92			30	89			24	76	0	2	12	20
24			58	71			36	33			22	31			26	31	0	2	23	66
25			47	69			38	47			25	65			29	82	0	2	21	63
26			51	89			39	13			35	14			29	75	0	2	35	91
27			55	88			40	1			27	76			30	68	0	2	34	33
28			44	59			42	54			17	58			31	91	0	2	16	62
29			57	85			43	44			32	77			32	85	0	2	46	91
30			28	38			44	27			42	31			28	45	0	2	23	41
31			54	59			46	31			51	57			37	41	0	3	9	88
32		1	2	78			47	13			45	27			39	27	0	3	14	45
33		1	21	26			49	27			41	23			42	90	0	3	34	66
34		1	10	96			50	5			36	55			45	9	0	3	22	65
35		1	13	88			51	37			25	5			48	25	0	3	18	55
36			41	98			53	79			20	24			48	47	0	2	44	48
37			48	68			55	83			41	45			49	1	0	3	14	97
38			39	44			55	98			19	41			50	3	0	2	44	86
39			41	95			56	18			20	72			51	87	0	2	50	72
40		2	23	2			57	41			39	31			53	90	0	4	53	64
41			47	76			59	96			27	68			56	34	0	3	11	74
42			40	8		1	3	4			20	56			58	13	0	3	1	81
43			46	75		1	4	71			20	20			59	62	0	3	11	28
44			39	91		1	7	90			27	47		1	3	61	0	3	18	89
45			40	62		1	12	5			25	91		1	3	2	0	3	21	60
46			40	31		1	15	79			30	16		1	4	8	0	3	30	34
47			49	90		1	18	38			46	45		1	5	27	0	4	0	0
48		1	11	9		1	22	77			25	35		1	10	2	0	4	9	23
49		1	41	29		1	23	16			31	41					0	3	35	86
Total	0	42	44	72	0	33	51	43	0	24	15	30	0	24	49	55	2	16	30	52
Mean	0	0	52	34	0	0	41	46	0	0	29	70	0	0	31	3	0	2	50	64
Skill	0.11				0.06				0.06				0.06							
Effort	0.1				0.05				0.05				0.05							
Condition	0.04				0.02				0.02				0.02							
Consistency	-0.04				0.03				-0.04				0.03							
Algebraic sum	0.21				0.16				0.09				0.16							
Performance factor	1.21				1.16				1.09				1.16							
Waktu normal	0	51	43	31	0	39	16	46	0	26	26	28	0	28	47	88	2	35	12	12

TANGGAL : 4-Nov-13
WAKTU : 11:00
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XX)																				
Waktu persiapan					0	3	51	98	Waktu normal								0	4	1	26
Skill					0				Consistency								0.04			
Effort					0				Algebraic sum								0.04			
Condition					0				Performance factor								1.04			
Pemasangan casing (siklus ke-16)					0	2	0	3	Waktu normal								0	2	36	4
Skill					0.15				Consistency								-0.04			
Effort					0.13				Algebraic sum								0.3			
Condition					0.06				Performance factor								1.3			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			36	32			9	4			14	50			6	5	0	4	57	89
2			39	21			10	5			22	41			6	10	0	1	17	77
3			31	89			10	13			34	8			7	25	0	1	23	35
4			33	71			12	15			28	62			7	34	0	1	21	82
5			25	45			14	26			51	32			7	38	0	1	38	41
6			52	53			17	71			59	51			9	30	0	2	19	5
7			22	72			17	72			33	61			11	53	0	1	25	58
8			27	37			18	72			26	29			10	59	0	1	22	97
9			28	37			19	64			28	28			12	75	0	1	29	4
10			36	35			21	32			22	34			12	89	0	1	32	90
11			35	0			20	96			30	30			14	81	0	1	41	7
12			45	1			20	97			24	27			17	43	0	1	47	68
13			42	47			20	90			25	93			18	58	0	1	47	88
14			24	51			20	95			27	44			20	9	0	1	32	99
15			20	48			21	45			25	16			21	71	0	1	28	80
16			55	72			21	89			30	79			20	58	0	4	9	1
17			39	8			24	26			34	25			20	25	0	1	57	84
18			23	95			25	30			35	85			23	10	0	1	48	20
19			54	31			27	19			41	79			23	6	0	2	26	35
20		1	20	13			29	24			37	21			25	51	0	2	52	9
21		1	26	64			30	38			34	30			27	1	0	2	58	33
22			34	1			32	22			14	95			28	18	0	1	49	36
23			30	54			31	42			32	41			29	63	0	2	4	0
24		1	25	27			36	27			25	94			30	26	0	2	57	74
25		1	28	31			38	18			32	50			32	65	0	3	11	64
26			34	27			39	15			25	67			32	11	0	2	11	20
27			35	32			40	15			19	16			32	2	0	2	6	65
28			27	14			42	31			34	8			36	35	0	2	19	88
29			58	83			43	39			27	62			33	25	0	2	43	9
30		1	32	41			44	1			27	98			35	69	0	3	20	9
31		1	42	98			44	5			31	95			36	75	0	3	35	73
32			58	16			46	54			21	96			42	88	0	2	49	54
33			44	96			49	99			30	80			39	69	0	2	45	44
34			42	77			50	27			28	31			40	20	0	2	41	55
35		1	55	70			53	85			31	11			39	23	0	3	59	89
36			54	30			54	70			24	32			38	5	0	2	51	37
37			36	78			55	13			47	44			39	21	0	2	58	56
38			48	97			47	53			42	71			40	55	0	2	59	76
39			35	98			58	40			41	45			41	68	0	2	57	51
40			58	84			57	3			46	96			42	6	0	3	24	89
41			35	18			50	75			38	72			49	20	0	2	53	85
42			44	81			55	88			16	35			47	66	0	2	44	70
43			37	33			50	68			25	37			48	65	0	2	42	3
44			48	90		1	4	2			19	48			49	24	0	3	1	64
45		1	31	90		1	9	40			17	18			52	34	0	3	50	82
46		1	26	95		1	12	81			18	32			52	27	0	3	50	35
47		1	29	63		1	23	33			18	51			52	2	0	4	3	49
48		1	25	66		1	25	51			13	37			50	38	0	3	54	92
49			40	95		1	27	25			11	61			51	56	0	3	11	37
50			39	72		1	38	81			10	72			51	12	0	3	20	37
51			31	45		1	24	91			17	90					0	2	14	26
Total	0	42	39	24	0	34	42	17	0	24	23	10	0	25	18	19	2	12	54	71
Mean	0	0	50	18	0	0	40	83	0	0	28	69	0	0	30	36	0	2	39	49
Skill	0.13				0.06				0.08				0.06							
Effort	0.12				0.05				0.08				0.05							
Condition	0.04				0.02				0.02				0.02							
Consistency	-0.04				0.04				-0.02				0.04							
Algebraic sum	0.25				0.17				0.16				0.17							
Performance factor	1.25				1.17				1.16				1.17							
Waktu normal	0	53	19	5	0	40	36	14	0	28	17	20	0	29	36	28	2	38	25	97

TANGGAL : 4-Nov-13
WAKTU : 10:14
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XXI)																				
Waktu persiapan					0	2	53	88	Waktu normal								0	3	26	92
Skill					0.08				Consistency								0.01			
Effort					0.08				Algebraic sum								0.19			
Condition					0.02				Performance factor								1.19			
Pemasangan casing (siklus ke-16)					0	5	5	90	Waktu normal								0	5	8	96
Skill					0				Consistency								0.01			
Effort					0				Algebraic sum								0.01			
Condition					0				Performance factor								1.01			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			20	27			10	7			40	53			4	4	0	4	8	79
2			24	87			10	87			23	36			5	47	0	1	4	57
3			47	5			11	5			21	36			7	72	0	1	27	18
4			37	40			8	61			22	38			4	56	0	1	12	95
5			19	61			10	15			19	32			5	79	0	0	54	87
6			23	15			13	63			22	50			5	57	0	1	4	85
7			21	2			10	70			43	39			9	5	0	1	24	16
8			30	64			14	54			24	44			11	25	0	1	20	87
9			29	88			16	92			26	13			13	90	0	1	26	83
10			48	61			18	61			25	31			13	84	0	1	46	37
11			53	31			23	21			39	32			13	77	0	2	9	61
12			38	40			19	40			52	54			15	16	0	2	5	50
13			38	31			20	31			32	59			16	28	0	1	47	49
14			42	0			20	67			19	0			19	27	0	1	40	94
15			41	19			26	3			29	87			17	28	0	1	54	37
16			20	91			29	19			31	80			17	55	0	6	45	35
17			17	62			31	1			36	97			20	24	0	1	45	84
18			38	77			25	70			58	59			11	41	0	2	14	47
19			24	24			27	41			33	9			14	14	0	1	38	88
20			33	47			27	1			14	30			17	61	0	1	32	39
21			40	54			29	35			22	72			19	77	0	1	52	38
22			30	84			30	77			34	70			22	20	0	1	58	51
23			36	41			34	60			59	47			40	32	0	2	50	80
24			26	81			36	99			26	61			23	32	0	1	53	73
25			37	33			39	55			28	49			24	31	0	2	9	68
26			41	61			43	31			27	43			24	27	0	2	16	62
27			45	90			40	91			38	63			26	27	0	2	31	71
28			34	63			42	54			24	45			27	21	0	2	8	83
29			50	16			44	54			23	62			29	28	0	2	27	60
30			20	91			47	4			23	54			31	30	0	2	2	79
31			51	97			50	75			22	30			32	42	0	2	37	44
32			32	72			52	71			27	14			33	41	0	2	25	98
33		1	20	45			49	76			31	70			34	38	0	3	16	29
34		1	48	91			56	61			34	52			25	16	0	3	45	20
35		1	25	89			59	19			38	65			34	25	0	3	37	98
36		1	12	52			53	30			37	97			39	17	0	3	22	96
37		1	5	32			53	23			34	78			36	18	0	3	9	51
38			28	98			54	26			21	32			38	89	0	2	23	45
39			35	93			59	27			24	30			41	21	0	2	40	71
40		1	13	95			52	37			22	52			44	43	0	3	13	27
41			47	44			59	26			19	65			47	22	0	2	53	57
42		1	53	49			55	43			27	41			48	35	0	4	4	68
43		1	27	62			58	46			20	46			52	3	0	3	38	57
44			28	17			52	11			25	26			55	15	0	2	40	69
45			36	36			54	59			28	1			57	1	0	2	55	97
46		1	21	45			59	1			40	35			57	2	0	3	57	83
47		1	30	36			53	4			26	67			59	94	0	3	50	1
48		1	15	64			55	31			24	2			58	31	0	3	33	28
49		1	40	45		1	8	7			24	63			58	77	0	4	11	92
50		2	40	59		1	13	62			23	45			50	18	0	5	7	84
51		1	45	91		1	18	3			26	94					0	3	30	88
Total	0	42	59	98	0	32	53	7	0	25	8	50	0	23	35	63	2	12	36	96
Mean	0	0	50	59	0	0	38	69	0	0	29	58	0	0	28	31	0	2	39	14
Skill		0.11				0.11				0.06				0.08						
Effort		0.1				0.1				0.05				0.08						
Condition		0.04				0.04				0.02				0.02						
Consistency		-0.04				0.04				-0.02				0.03						
Algebraic sum		0.21				0.29				0.11				0.21						
Performance factor		1.21				1.29				1.11				1.21						
Waktu normal	0	52	1	78	0	42	25	26	0	27	54	44	0	28	32	91	2	39	30	27

TANGGAL : 4-Nov-13
WAKTU : 13:20
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XXII)																				
Waktu persiapan					0	3	54	31	Waktu normal								0	4	3	68
Skill					0				Consistency								0.04			
Effort					0				Algebraic sum								0.04			
Condition					0				Performance factor								1.04			
Pemasangan casing (siklus ke-15)					0	4	44	8	Waktu normal								0	5	15	33
Skill					0.03				Consistency								0.04			
Effort					0.02				Algebraic sum								0.11			
Condition					0.02				Performance factor								1.11			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			30	54			7	21			31	7			5	55	0	5	8	68
2			32	15			9	53			29	55			7	68	0	1	18	91
3			47	63			8	35			18	7			7	18	0	1	21	23
4			40	86			8	0			22	17			6	28	0	1	17	31
5		1	17	32			10	51			21	64			8	44	0	1	57	91
6		1	27	53			12	8			24	65			9	65	0	2	13	91
7		1	21	13			13	95			29	20			7	37	0	2	11	65
8			29	97			15	64			31	91			8	16	0	1	25	68
9			49	56			15	31			39	3			8	26	0	1	52	16
10			48	44			17	32			13	51			9	24	0	1	28	51
11			52	47			19	98			31	53			10	34	0	1	54	32
12			53	9			21	96			23	89			10	2	0	1	48	96
13			32	94			18	30			12	72			11	27	0	1	15	23
14			23	68			20	98			39	12			12	31	0	1	36	9
15			42	14			20	81			22	67			14	80	0	6	24	50
16			41	81			21	90			31	96			16	2	0	1	51	69
17			36	92			25	66			31	69			16	13	0	1	50	40
18			37	0			23	45			39	1			15	92	0	1	55	38
19			38	88			28	5			31	64			16	99	0	1	55	56
20			57	81			30	15			33	85			19	49	0	2	21	30
21			46	83			31	71			33	8			20	64	0	2	12	26
22		1	18	97			33	72			40	47			22	68	0	2	55	84
23		1	15	32			34	64			34	30			22	91	0	2	47	17
24		1	14	51			34	90			31	98			25	70	0	2	47	9
25			57	32			36	89			23	79			17	75	0	2	15	75
26			35	60			37	19			29	25			22	87	0	2	4	91
27			46	3			39	38			34	59			24	25	0	2	24	25
28			48	68			38	42			16	3			25	76	0	2	8	89
29			53	44			38	15			19	94			27	19	0	2	18	72
30			44	16			40	39			28	49			25	59	0	2	18	63
31			45	88			42	54			38	41			30	8	0	2	36	91
32			30	21			43	85			21	89			32	1	0	2	7	96
33			46	12			48	13			27	87			32	1	0	2	34	13
34			37	16			46	53			37	85			36	81	0	2	38	35
35			33	83			49	75			50	68			37	81	0	2	52	7
36			43	39			45	2			29	28			39	36	0	2	37	5
37			39	94			50	33			22	52			40	79	0	2	33	58
38			51	37			51	25			18	4			35	72	0	2	36	38
39			40	88			52	81			31	45			38	60	0	2	43	74
40			51	6			55	91			25	71			42	85	0	2	55	53
41			49	34			56	8			18	26			44	51	0	2	48	19
42			36	16			59	32			30	93			46	65	0	2	53	6
43		1	15	30		1	2	28			39	13			49	15	0	3	45	86
44			47	15		1	4	93			25	31			45	74	0	3	3	13
45		1	18	50			59	44			20	55			50	33	0	3	28	82
46		1	14	20		1	5	21			20	95			48	22	0	3	28	58
47		1	17	26		1	5	30			17	99			53	2	0	3	33	57
48			44	45		1	9	95			24	64			55	94	0	3	14	98
49			31	1		1	9	94			22	12			59	43	0	3	2	50
50			33	13		1	13	62			20	73			59	89	0	3	7	37
51			47	30		1	17	95			22	23		1	1	16	0	3	28	64
52			53	21		1	20	96			27	45		1	3	74	0	3	45	36
53			32	53		1	23	80			20	88					0	2	17	21
Total	0	43	22	11	0	34	49	43	0	24	25	67	0	24	20	26	2	15	35	86
Mean	0	0	49	10	0	0	39	42	0	0	27	65	0	0	28	8	0	2	36	46
Skill	0.13				0.08				0.08				0.08							
Effort	0.12				0.08				0.08				0.08							
Condition	0.06				0.04				0.04				0.04							
Consistency	-0.02				0.03				0.01				0.04							
Algebraic sum	0.29				0.23				0.21				0.24							
Performance factor	1.29				1.23				1.21				1.24							
Waktu normal	0	55	56	72	0	42	50	0	0	29	33	46	0	30	10	72	2	47	49	91

TANGGAL : 5-Nov-13
WAKTU : 10:44
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XXIII)																				
Waktu persiapan					0	5	41	13	Waktu normal								0	2	50	56
Skill					-0.22				Consistency								-0.04			
Effort					-0.17				Algebraic sum								-0.5			
Condition					-0.07				Performance factor								0.5			
Pemasangan casing (siklus ke-12)					0	6	20	15	Waktu normal								0	4	45	11
Skill					-0.1				Consistency								-0.04			
Effort					-0.08				Algebraic sum								-0.25			
Condition					-0.03				Performance factor								0.75			

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	52			8	80			14	28			5	32	0	6	42	5
2			41	60			10	68			20	55			4	96	0	1	17	79
3			35	61			8	65			29	47			5	65	0	1	19	38
4			49	23			8	0			33	35			6	44	0	1	37	2
5			41	37			7	62			48	54			6	44	0	1	43	97
6			47	37			11	35			26	18			7	95	0	1	32	85
7			35	44			12	49			27	55			8	77	0	1	24	25
8			31	37			14	41			22	24			8	66	0	1	16	68
9			40	71			14	69			35	35			10	31	0	1	41	6
10		1	13	27			15	88			36	51			9	75	0	2	15	41
11			35	66			16	84			24	41			10	91	0	1	27	82
12			40	2			19	76			23	39			11	50	0	7	54	82
13		1	3	64			18	23			22	46			12	62	0	1	56	95
14			31	57			18	5			27	39			12	33	0	1	29	34
15			37	99			20	21			32	36			14	31	0	1	44	87
16			41	27			21	68			25	69			15	27	0	1	43	91
17			49	71			21	91			27	78			13	14	0	1	52	54
18			34	72			21	45			21	45			14	97	0	1	32	59
19			44	97			22	87			39	75			16	29	0	2	3	88
20			44	72			23	25			34	46			18	47	0	2	0	90
21			55	7			25	19			14	37			21	76	0	1	56	39
22			37	37			25	35			28	5			21	87	0	1	52	64
23			31	84			28	96			25	8			25	90	0	1	51	78
24			37	41			29	72			32	4			40	25	0	2	19	42
25			42	28			31	81			25	2			41	59	0	2	20	70
26			40	85			31	1			19	55			24	15	0	1	55	56
27			30	90			48	36			24	95			24	28	0	2	8	49
28		1	25	44			35	65			27	98			27	63	0	2	56	70
29		1	36	6			48	88			31	31			29	10	0	3	25	35
30		1	31	73			34	43			13	11			30	36	0	2	49	63
31			33	73			35	79			30	50			31	57	0	2	11	59
32			40	93			37	72			27	24			30	57	0	2	16	46
33			45	36			40	85			31	2			38	91	0	2	36	14
34			55	45			41	85			37	16			35	22	0	2	49	68
35			47	21			44	51			21	64			34	24	0	2	27	60
36			53	71			40	34			18	77			37	23	0	2	30	5
37			47	21			41	23			31	19			39	24	0	2	38	87
38			58	54			52	92			34	81			41	74	0	3	8	1
39		1	23	51			53	97			19	43			40	89	0	3	17	80
40		1	24	90			54	51			18	10			40	82	0	3	18	33
41			44	91			54	13			23	18			41	72	0	2	43	94
42			21	89			58	3			21	23			42	15	0	2	23	30
43			49	82			59	44			24	27			42	19	0	2	55	72
44			47	84			55	0			32	30			44	15	0	2	59	29
45			42	44		1	1	53			58	31			45	14	0	3	27	42
46			44	93		1	1	19			33	38			46	35	0	3	5	85
47		1	13	60		1	5	19			22	41			48	13	0	3	29	33
48			47	23		1	13	7			28	44			47	19	0	3	15	93
49			41	37		1	16	19			38	45			47	17	0	3	23	18
50			52	66		1	22	5			38	55		1	9	11	0	4	2	37
51			40	57		1	18	22			21	55			45	11	0	3	5	45
52			58	27		2	13	1			41	41		1	5	18	0	4	57	87
53			34	72		1	43	51			38	61					0	2	56	84
Total	0	42	32	51	0	34	20	43	0	25	6	57	0	24	14	97	2	18	15	76
Mean	0	0	48	16	0	0	38	88	0	0	28	43	0	0	27	98	0	2	39	53
Skill	0.13				0.08				0.08				0.08							
Effort	0.12				0.08				0.08				0.08							
Condition	0.06				0.04				0.02				0.04							
Consistency	-0.02				0.03				0.01				0.04							
Algebraic sum	0.29				0.23				0.19				0.24							
Performance factor	1.29				1.23				1.19				1.24							
Waktu normal	0	54	52	74	0	42	14	33	0	29	52	82	0	30	4	16	2	44	39	72

TANGGAL : 6-Nov-13
WAKTU : 10:32
MESIN : 150 cc HDR 18/AI-141

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XXIV)																				
Waktu persiapan					0	4	31	51	Waktu normal								0	3	37	21
Skill						-0.1			Consistency									0.01		
Effort						-0.08			Algebraic sum									-0.2		
Condition						-0.03			Performance factor									0.8		
Pemasangan casing (siklus ke-12)					0	5	35	77	Waktu normal								0	5	35	77
Skill						0			Consistency									0		
Effort						0			Algebraic sum									0		
Condition						0			Performance factor									1		

no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			30	88			7	65			21	88			5	5	0	5	36	97
2			47	65			7	56			22	30			6	70	0	1	24	21
3			40	55			9	21			20	32			6	21	0	1	16	29
4			36	77			10	52			22	74			8	67	0	1	18	70
5			31	2			11	60			47	97			10	1	0	1	40	60
6			50	8			13	93			29	18			11	1	0	1	44	20
7		1	9	91			14	66			23	90			11	77	0	2	0	24
8		1	11	50			16	89			22	89			10	55	0	2	1	83
9			25	41			19	53			21	52			12	54	0	1	19	0
10			29	27			20	44			46	95			13	75	0	1	50	41
11			33	9			21	79			40	47			15	71	0	1	51	6
12			30	97			20	71			26	45			16	19	0	7	10	9
13			22	3			21	12			22	90			17	27	0	1	23	32
14			47	90			19	16			24	89			18	43	0	1	50	38
15			49	57			21	72			23	52			18	59	0	1	53	40
16			32	20			22	16			25	52			17	4	0	1	36	92
17			21	60			23	74			26	16			18	7	0	1	29	57
18			37	72			25	0			32	70			18	62	0	1	54	4
19			25	85			26	82			38	63			21	96	0	1	53	26
20			40	85			25	62			17	21			23	95	0	1	47	63
21			28	2			25	93			28	16			24	26	0	1	46	37
22			48	8			25	7			36	93			25	24	0	2	15	32
23			49	27			28	11			36	69			27	27	0	2	21	34
24			47	17			29	64			34	88			27	15	0	2	18	84
25			47	33			30	66			32	28			29	31	0	2	19	58
26		1	15	14			34	8			34	59			30	5	0	2	53	86
27		1	14	8			36	16			19	6			32	54	0	2	41	84
28			51	34			37	1			38	45			35	85	0	2	42	65
29		1	26	46			39	33			22	93			37	53	0	3	6	25
30		1	25	47			43	48			36	26			28	3	0	3	13	24
31		1	22	9			48	58			19	7			39	88	0	3	9	62
32		1	25	74			42	44			37	21			41	68	0	3	27	7
33			54	3			50	35			27	13			32	33	0	2	43	84
34			50	59			49	89			39	6			36	25	0	2	55	79
35			50	79			53	76			24	5			41	91	0	2	50	51
36			56	57			45	5			26	94			44	55	0	2	53	11
37			50	3			48	51			25	91			43	58	0	2	48	3
38			57	15			49	88			19	49			37	92	0	2	44	44
39		1	13	32			51	41			31	51			39	54	0	3	15	78
40		1	5	96			58	13			32	53			52	13	0	3	28	75
41		1	11	45		2	3	31			20	12			42	18	0	4	17	6
42			51	30		1	14	30			44	67			42	16	0	3	32	43
43		1	12	38		1	21	47			32	27			43	24	0	3	49	36
44		1	19	18			55	86			29	74			45	24	0	3	30	2
45		1	25	15			59	23			38	92			49	35	0	3	52	65
46			49	15		1	34	11			25	76			50	2	0	3	39	4
47			47	31		1	39	27			32	46			50	23	0	3	49	27
48			38	54		1	21	37			24	20			52	39	0	3	16	50
49			46	85		1	28	44			27	40			53	49	0	3	36	18
50			40	53		1	33	25			31	43					0	2	45	21
Total	0	42	55	29	0	33	57	91	0	24	28	20	0	23	37	39	2	15	6	7
Mean	0	0	51	51	0	0	40	76	0	0	29	36	0	0	28	93	0	2	45	43
Skill		0.11				0.06				0.06				0.08						
Effort		0.1				0.05				0.05				0.08						
Condition		0.04				0.02				0.02				0.02						
Consistency		-0.04				0.03				0				0.03						
Algebraic sum		0.21				0.16				0.13				0.21						
Performance factor		1.21				1.16				1.13				1.21						
Waktu normal	0	51	56	10	0	39	23	98	0	27	39	7	0	28	35	4	2	36	47	17

TANGGAL : 6-Nov-13
WAKTU : 1:10
MESIN : 150 cc HDR 18/AI-176

PENGAMATAN BORE PILE SAHID JOGJA LIFESTYLE CITY (PILE XXV)																				
Waktu persiapan					0	5	21	75	Waktu normal								0	2	47	31
Skill					-0.22				Consistency								-0.02			
Effort					-0.17				Algebraic sum								-0.48			
Condition					-0.07				Performance factor								0.52			
Pemasangan casing (siklus ke-14)					0	5	48	8	Waktu normal								0	4	59	35
Skill					-0.05				Consistency								-0.02			
Effort					-0.04				Algebraic sum								-0.14			
Condition					-0.03				Performance factor								0.86			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			51	16			6	70			29	87			5	0	0	6	54	48
2			30	50			8	75			43	59			6	76	0	1	29	60
3			49	32			13	4			26	58			9	45	0	1	38	39
4		1	10	8			9	62			42	34			6	20	0	2	8	24
5			46	76			12	95			36	82			7	52	0	1	44	5
6		1	15	44			12	24			27	69			9	66	0	2	5	3
7		1	24	25			15	5			25	96			10	41	0	2	15	67
8			49	52			14	3			29	42			11	71	0	1	44	68
9			44	43			25	68			29	42			11	26	0	1	50	79
10			56	47			27	25			25	66			12	47	0	2	1	85
11			55	56			28	55			32	68			12	93	0	2	9	72
12			44	10			29	92			31	72			13	2	0	1	58	76
13		1	13	43			30	18			19	37			13	27	0	2	16	25
14			58	98			30	35			44	18			14	31	0	8	15	90
15		1	17	62			36	2			15	15			16	31	0	2	25	10
16			21	63			39	49			22	28			16	2	0	1	39	42
17			34	11			32	77			25	14			17	95	0	1	49	97
18			17	35			33	27			27	84			18	56	0	1	37	2
19			28	25			35	97			20	63			22	16	0	1	47	1
20			20	72			38	3			20	62			22	99	0	1	42	36
21			30	63			39	85			33	36			23	64	0	2	7	48
22		1	17	48			41	8			35	64			23	33	0	2	57	53
23		1	25	54			44	14			34	53			24	0	0	3	8	21
24		1	17	78			45	47			47	41			21	46	0	3	12	12
25			19	41			47	9			48	24			20	2	0	2	14	76
26			21	95			50	3			20	78			21	87	0	1	54	63
27			23	90			30	15			59	19			22	35	0	2	15	59
28			30	52			38	96			28	31			26	51	0	2	4	30
29			49	82			40	38			32	82			29	4	0	2	32	6
30			48	25			41	15			26	34			33	81	0	2	29	55
31			47	90			41	15			26	44			37	84	0	2	33	33
32			47	79			42	53			32	73			41	10	0	2	44	15
33			38	62			46	55			36	32			42	50	0	2	43	99
34			43	95			49	65			33	8			44	68	0	2	51	36
35			42	96			51	91			28	72			45	0	0	2	48	59
36		2	21	59		1	9	12			20	74			48	61	0	4	40	6
37		1	17	13		1	11	67			33	47			49	13	0	3	51	40
38		1	18	47			58	64			34	3			50	77	0	3	41	91
39		1	22	96			58	85			31	90			51	61	0	3	45	32
40		1	21	86		1	0	47			28	72			52	33	0	3	43	38
41		1	10	72		1	1	59			33	85			48	28	0	3	34	44
42		1	7	87		1	3	3			22	8			52	77	0	3	25	75
43			53	84		1	5	94			24	17			55	85	0	3	19	80
44			41	45		1	5	49			17	46			57	55	0	3	1	95
45			54	57		1	8	85			39	3			57	75	0	3	40	20
46			54	87		1	9	68			20	45			58	96	0	3	23	96
47			59	30		1	13	4			21	15			59	26	0	3	32	75
48			20	74		1	13	26			29	26		1	12	54	0	3	15	80
49			35	89		1	26	13			58	34					0	3	0	36
Total	0	43	17	44	0	34	35	71	0	25	15	52	0	23	50	52	2	18	9	2
Mean	0	0	53	1	0	0	42	36	0	0	30	93	0	0	29	80	0	2	52	69
Skill	0.11				0.06				0.06				0.06							
Effort	0.1				0.05				0.05				0.05							
Condition	0.04				0.02				0.02				0.02							
Consistency	-0.04				0.03				-0.02				0.04							
Algebraic sum	0.21				0.16				0.11				0.17							
Performance factor	1.21				1.16				1.11				1.17							
Waktu normal	0	52	22	90	0	40	7	82	0	28	2	23	0	27	53	71	2	36	13	32

TANGGAL : 11 Januari 2014
WAKTU : 13:32
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE I)																				
Waktu persiapan					0	5	41	82	Waktu normal								0	7	20	95
Skill						0.13			Consistency					-0.02						
Effort						0.12			Algebraic sum					0.29						
Condition						0.06			Performance factor					1.29						
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			30	11			14	51			40	31			11	21	0	7	17	96
2			28	88			15	14			48	35			18	78	0	1	51	15
3			12	59			21	71		1	28	41			46	24	0	2	48	95
4			14	41			22	56		1	50	7			17	44	0	2	44	48
5			24	25			21	74			35	96			10	89	0	1	32	84
6			32	45			10	85			30	13			10	10	0	1	23	53
7			21	22			24	53			38	16			7	17	0	1	31	8
8			21	85			12	90			53	89			21	32	0	1	49	96
9			24	65			32	16			40	43			16	89	0	1	54	13
10			34	66			23	74			33	19			13	86	0	1	45	45
11			22	69			28	85			25	26			15	26	0	1	32	6
12			24	51			22	53			49	31			15	41	0	1	51	76
13			18	20			25	16			22	68			22	75	0	1	28	79
14			21	61			30	96			37	75			17	93	0	1	48	25
15			22	71			34	13			49	51			20	69	0	2	7	4
16			16	58			36	16			38	25			22	77	0	1	53	76
17			20	84			33	89			26	40			26	85	0	1	47	98
18			40	76			38	43			30	67			27	86	0	2	17	72
19			45	37			38	78			28	13			31	36	0	2	23	64
20			34	52			42	24			30	44			30	41	0	2	17	61
21			23	4			45	40			34	10			43	75	0	2	26	29
22			28	92			53	67			34	32			36	93	0	2	33	84
23			23	97			27	13			29	58			35	77	0	1	56	45
24			19	91			54	20			34	84			31	54	0	2	20	49
25			33	43			47	45			32	76			58	25	0	2	51	89
26			24	65			58	52			36	37			45	43	0	2	44	97
27			34	33		1	0	34			40	52			44	15	0	2	59	34
28			29	72		1	2	43			37	4					0	2	9	19
Total	0	12	10	83	0	15	40	11	0	18	56	83	0	11	41	1	0	58	28	78
Mean	0	0	26	10	0	0	33	58	0	0	40	60	0	0	25	96	0	2	6	24
Skill		0.13				0.08				-0.22				-0.05						
Effort		0.12				0.08				-0.17				-0.04						
Condition		0.06				0.02				-0.07				-0.03						
Consistency		0				0				-0.02				0						
Algebraic sum		0.31				0.18				-0.48				-0.12						
Performance factor		1.31				1.18				0.52				0.88						
Waktu normal	0	15	57	39	0	18	29	33	0	9	51	15	0	10	16	89	1	1	55	71

TANGGAL : 11 Januari 2014
WAKTU : 14:30
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MAL (PILE II)																				
Waktu persiapan					0	3	38	67	Waktu normal								0	4	44	27
Skill					0.15				Consistency				-0.04							
Effort					0.13				Algebraic sum				0.3							
Condition					0.06				Performance factor				1.3							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			49	41			10	66			24	51			0	71	0	5	3	96
2			51	3			2	69			26	88			1	12	0	1	21	72
3		2	11	92			39	51			11	33			2	33	0	3	5	9
4		1	16	71			5	20			15	50			4	72	0	1	42	13
5			7	66			9	61			22	12			9	7	0	0	48	46
6			34	5			13	71			22	69			12	50	0	1	22	95
7			22	19			16	58			20	83			13	26	0	1	12	86
8			38	26			19	84			23	76			28	76	0	1	50	62
9			23	31			18	76			21	74			9	67	0	1	13	48
10			25	68			17	37			22	98			12	24	0	1	18	27
11			24	75			20	52			21	86			13	12	0	1	20	25
12			32	51			20	4			38	41			16	86	0	1	47	82
13			17	25			18	92			21	56			13	16	0	1	10	89
14			25	40			23	97			27	48			15	30	0	1	32	15
15			34	67			23	91			23	58			13	36	0	1	35	52
16			29	13			28	43			22	35			16	37	0	1	36	28
17			16	20			22	65			21	67			15	14	0	1	15	66
18			18	45			25	33			52	68			15	92	0	1	52	38
19			21	7			30	72			21	8			22	59	0	1	35	46
20			43	5			34	44			28	27			28	41	0	2	14	17
21			41	48			36	12			33	0			17	7	0	2	7	67
22			49	83			33	31			25	7			20	59	0	2	8	80
23			42	30			38	79			49	42			24	94	0	2	35	45
24			39	11			40	55			31	39			22	69	0	2	13	74
25		1	6	33			46	25			22	72			26	53	0	2	41	83
26		1	25	9			40	6			37	27			27	96	0	3	10	38
27			49	71			39	37			49	80		1	12	28	0	3	31	16
28			44	82			44	82			38	52			30	41	0	2	38	57
29			43	2			57	87			26	3			43	41	0	2	50	33
30			23	31			38	12			29	85			36	10	0	2	7	38
31			28	5			39	95			26	38			36	52	0	2	10	90
32			23	73			33	84			27	25			31	16	0	1	55	98
33			19	87			39	44			30	25			58	69	0	2	28	25
34			33	89			52	99			27	53			45	24	0	2	39	65
35			24	40		1	0	56			47	84					0	2	12	80
Total	0	22	17	64	0	17	24	90	0	16	33	60	0	12	38	20	1	12	33	1
Mean	0	0	38	22	0	0	29	85	0	0	28	39	0	0	22	30	0	2	8	3
Skill	-0.1				0.15				0.13				0.08							
Effort	-0.08				0.13				0.12				0.08							
Condition	-0.03				0.06				0.06				0.02							
Consistency	-0.04				0.01				0				0.01							
Algebraic sum	-0.25				0.35				0.31				0.19							
Performance factor	0.75				1.35				1.31				1.19							
Waktu normal	0	16	43	23	0	23	30	62	0	21	41	62	0	15	2	26	1	21	42	0

TANGGAL : 12 Januari 2014
WAKTU : 13:15
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE III)																				
Waktu persiapan					0	9	40	88	Waktu normal								0	11	31	25
Skill					0.08				Consistency				0.01							
Effort					0.08				Algebraic sum				0.19							
Condition					0.02				Performance factor				1.19							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			34	94			31	44		1	8	13			20	11	0	12	15	50
2			32	52			11	1			50	58			14	66	0	1	48	77
3			36	59			13	64			45	66			19	90	0	1	55	79
4			33	2			16	70			56	67			13	96	0	2	0	35
5			17	40			16	69			53	53			21	32	0	1	48	94
6			21	93			17	78			42	22			12	85	0	1	34	78
7			23	61			18	60			48	63			15	8	0	1	45	92
8			24	57			25	89			46	77			30	43	0	2	7	66
9			26	57			23	14			45	99			9	45	0	1	45	15
10			32	26			29	23		1	0	8			14	30	0	2	15	87
11			42	33			30	60			52	27			21	49	0	2	26	69
12			25	11			31	24			32	2			23	76	0	1	52	13
13			34	97			32	52			23	35			10	30	0	1	41	14
14			22	50			25	63			53	61			19	7	0	2	0	81
15			24	8			43	36			23	37			17	22	0	1	48	3
16			18	40			26	17			34	51			22	48	0	1	41	56
17			21	10			24	96			25	67			16	41	0	1	28	14
18			22	1			30	7			32	13			18	87	0	1	43	8
19			16	64			38	89			30	14			20	75	0	1	46	42
20			20	85			42	86			29	14			20	82	0	1	53	67
21			40	82			45	26			28	64			27	26	0	2	21	98
22			45	56			53	41			30	8			29	37	0	2	38	42
23			34	73			27	51			34	45			25	84	0	2	2	53
24			31	75			54	90			34	33			22	84	0	2	23	82
25			18	90			47	34			29	39			29	54	0	2	5	17
26			32	73			51	42			34	54			31	32	0	2	30	1
27			41	98			58	75			21	97			24	6	0	2	26	76
28			27	68			49	93			33	88			28	32	0	2	19	81
29			39	39			58	69			28	97			37	58	0	2	44	63
30			29	66			59	76			27	60			34	72	0	2	31	74
31			31	82		1	1	77			22	16			39	20	0	2	34	95
32			28	17		1	11	67			29	55			42	62	0	2	52	1
33			33	78		1	12	30			22	52			43	78	0	2	52	38
34			32	39		1	7	13			35	93					0	2	15	45
Total	0	16	40	76	0	21	50	26	0	21	8	48	0	12	59	68	1	22	20	6
Mean	0	0	29	43	0	0	38	54	0	0	37	31	0	0	23	63	0	2	29	70
Skill	0.08				-0.16				-0.1				0.03							
Effort	0.08				-0.12				-0.08				0.02							
Condition	0.04				-0.03				-0.03				0.02							
Consistency	-0.02				0				-0.02				-0.04							
Algebraic sum	0.18				-0.31				-0.23				0.03							
Performance factor	1.18				0.69				0.77				1.03							
Waktu normal	0	19	40	90	0	15	4	8	0	16	16	73	0	13	23	7	1	15	56	3

TANGGAL : 12 Januari 2014
WAKTU : 14:25
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE IV)																				
Waktu persiapan					0	2	7	68	Waktu normal								0	2	45	98
Skill					0.15				Consistency					-0.04						
Effort					0.13				Algebraic sum					0.3						
Condition					0.06				Performance factor					1.3						
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	5			11	70			53	64			9	43	0	3	54	50
2			21	13			12	60			46	14			8	76	0	1	28	63
3			22	65			14	60			53	17			9	48	0	1	39	90
4			20	17			14	36			25	86			9	75	0	1	10	14
5			34	87			17	89			28	34			10	37	0	1	31	47
6			31	54			19	41			34	69			12	54	0	1	38	18
7			27	61			19	90			25	77			13	53	0	1	26	81
8			29	54			20	93			30	66			15	27	0	1	36	40
9			25	53			19	30			34	63			17	51	0	1	36	97
10			22	71			21	13			27	51			18	64	0	1	29	99
11			23	62			24	43			22	14			21	33	0	1	31	52
12			23	3			25	30			30	33			21	54	0	1	40	20
13			37	73			25	22			26	88			24	88	0	1	54	71
14			35	21			29	41			47	45			24	97	0	2	17	4
15			13	26			31	82			27	30			26	16	0	1	38	54
16			51	29			31	37			32	41			30	52	0	2	25	59
17			42	16			35	52			33	37			36	89	0	2	27	94
18			26	54			37	87			25	55			14	43	0	1	44	39
19			53	34			36	28			25	31			19	0	0	2	13	93
20			40	80			39	89			31	32			23	27	0	2	15	28
21			52	46			40	26			26	6			22	71	0	2	21	49
22			49	53			39	15			23	26			24	27	0	2	16	21
23		1	0	16			40	16			28	90			20	76	0	2	29	98
24			48	75			48	46			26	20			29	69	0	2	33	10
25			42	76			48	23			28	23			27	85	0	2	27	7
26			32	77			46	49			27	17			28	93	0	2	15	36
27			27	27			46	16			23	76			38	34	0	2	15	53
28			17	21			46	56			24	17			35	83	0	2	3	77
29			39	47			50	84			28	40			35	46	0	2	34	17
30			52	27			58	23			27	15					0	2	17	65
Total	0	17	17	43	0	15	53	47	0	15	25	77	0	10	32	11	1	1	16	46
Mean	0	0	34	58	0	0	31	78	0	0	30	86	0	0	21	80	0	2	6	77
Skill	0				0.11				0.08				0.08							
Effort	0				0.1				0.08				0.08							
Condition	0				0.04				0.04				0.04							
Consistency	-0.04				0.03				0				-0.02							
Algebraic sum	-0.04				0.28				0.2				0.18							
Performance factor	0.96				1.28				1.2				1.18							
Waktu normal	0	16	35	93	0	20	20	44	0	18	30	92	0	12	25	89	1	10	39	16

TANGGAL : 13 Januari 2014
WAKTU : 13:24
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE V)																				
Waktu persiapan					0	13	7	88	Waktu normal								0	13	31	52
Skill					0.03				Consistency								-0.04			
Effort					0.02				Algebraic sum								0.03			
Condition					0.02				Performance factor								1.03			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			39	86			2	31			21	22			5	79	0	14	17	6
2			11	73			7	12			20	64			5	21	0	0	44	70
3			25	55			9	67			37	58			4	23	0	1	17	3
4			18	79			14	94			30	48			9	0	0	1	13	21
5			22	40			13	67			23	52			10	44	0	1	10	3
6			25	21			15	23			24	5			13	78	0	1	18	27
7			23	74			18	81			33	93			8	48	0	1	24	96
8			32	69			19	40			26	13			9	60	0	1	27	82
9			25	85			20	39			28	93			8	65	0	1	23	82
10			24	26			21	25			30	65			12	48	0	1	28	64
11			23	58			23	11			27	88			16	14	0	1	30	71
12			24	77			23	54			25	65			12	68	0	1	26	64
13			37	96			25	10			26	12			15	35	0	1	44	53
14			33	34			29	79			32	32			11	15	0	1	46	60
15			35	31			34	1		1	14	17			18	67	0	2	42	16
16			23	29			30	28			31	60			16	26	0	1	41	43
17			27	31			28	61			26	60			21	96	0	1	44	48
18			13	62			34	60			25	50			18	73	0	1	32	45
19			46	16			42	51			47	87			19	55	0	2	36	9
20			51	22			33	45			29	25			18	87	0	2	12	79
21			37	75			35	12			28	45			23	74	0	2	5	6
22			41	84			42	97			27	45			24	67	0	2	16	93
23			46	98			41	39			25	54			33	88	0	2	27	79
24		1	2	85			49	39			39	54			23	44	0	2	55	22
25		1	19	61			50	44			27	7			24	29	0	3	1	41
26			51	28			54	33			32	32			28	21	0	2	46	14
27			42	36			55	53			30	61			31	49	0	2	39	99
28			42	74			57	2			28	54			34	92	0	2	43	22
29			34	25			48	49			30	77			35	61	0	2	29	12
30			19	81			50	28			27	53			41	11	0	2	18	73
31			35	99			59	17			32	34			41	75	0	2	49	25
32			52	4		1	9	7			44	18			53	63	0	3	38	92
33			19	22		1	18	66			39	71			49	57	0	3	7	16
34			33	98			52	65			35	60			50	89	0	2	53	12
35			35	74			55	36			36	87			49	26	0	2	57	23
36			44	89			56	58			41	62			48	78	0	3	11	87
37			43	48		1	3	90			37	56			50	37	0	3	15	31
38			37	37		1	5	26			37	96			47	69	0	3	8	28
39			39	26			59	57			37	3			46	20	0	3	2	6
40			48	14		1	12	68			40	9					0	2	40	91
Total	0	23	36	22	0	26	5	65	0	21	44	87	0	16	36	52	1	41	11	14
Mean	0	0	35	41	0	0	39	14	0	0	32	62	0	0	25	55	0	2	35	67
Skill	0				-0.16				0.06				-0.05							
Effort	0				-0.12				0.05				-0.04							
Condition	0				-0.07				0.02				0							
Consistency	-0.04				0.01				0				0.01							
Algebraic sum	-0.04				-0.34				0.13				-0.08							
Performance factor	0.96				0.66				1.13				0.92							
Waktu normal	0	22	39	57	0	17	13	33	0	24	34	50	0	15	16	80	1	33	15	72

TANGGAL : 13 Januari 2014
WAKTU : 14:49
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE VI)																				
Waktu persiapan					0	7	39	56	Waktu normal								0	9	39	5
Skill					0.11				Consistency								0.01			
Effort					0.1				Algebraic sum								0.26			
Condition					0.04				Performance factor								1.26			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1		1	10	44			1	60			34	49			10	89	0	9	36	98
2			47	61			16	73			25	72			8	59	0	1	38	65
3			29	21			11	23			27	46			7	31	0	1	15	21
4			25	22			15	24			25	98			7	1	0	1	13	45
5			30	40			18	82			25	40			10	85	0	1	25	47
6			19	35			20	26			28	28			16	98	0	1	24	87
7			24	20			18	21			29	47			9	73	0	1	21	61
8			25	41			25	51			30	44			13	23	0	1	34	59
9			23	16			20	45			31	28			12	69	0	1	27	58
10			30	40			25	51			30	45			13	52	0	1	39	88
11			27	22			33	77			31	5			13	97	0	1	46	1
12			37	42			27	20			34	81			14	48	0	1	53	91
13			44	85			28	98			36	81			20	22	0	2	10	86
14			34	50			28	28			33	72			21	5	0	1	57	55
15			31	73			31	39			29	69			21	29	0	1	54	10
16			27	86			34	33			32	46			16	46	0	1	51	11
17			17	27			33	49			33	45			19	83	0	1	44	4
18			40	67			39	79			26	51			24	40	0	2	11	37
19			44	63			38	73			38	14			24	67	0	2	26	17
20			50	52			38	57			32	87			18	82	0	2	20	78
21			53	65			45	73			28	71			21	25	0	2	29	34
22			57	72			44	10			33	71			26	18	0	2	41	71
23		2	7	63			42	39			34	44			26	19	0	3	50	65
24		1	3	28			46	47			26	66			24	87	0	2	41	28
25			34	79			49	93			35	42			31	0	0	2	31	14
26			26	96			52	29			28	70			34	73	0	2	22	68
27			24	0			57	88			37	27			41	96	0	2	41	11
28			20	20			53	31			38	32			21	95	0	2	13	78
29			23	55			51	97			26	56			41	79	0	2	23	87
30			27	48			53	20			25	39			39	2	0	2	25	9
31			37	63		1	13	51			26	37			41	9	0	2	58	60
32			14	32			49	28			32	15					0	1	35	75
Total	0	19	53	28	0	18	48	15	0	16	32	18	0	10	56	2	1	13	49	19
Mean	0	0	37	29	0	0	35	25	0	0	31	1	0	0	21	16	0	2	22	88
Skill	-0.1				0.03				0.08				0.11							
Effort	-0.08				0.02				0.08				0.1							
Condition	-0.03				0				0.04				0.04							
Consistency	-0.04				0.03				0.01				-0.04							
Algebraic sum	-0.25				0.08				0.21				0.21							
Performance factor	0.75				1.08				1.21				1.21							
Waktu normal	0	14	54	96	0	20	18	40	0	20	0	54	0	13	13	78	1	18	6	73

TANGGAL : 13 Januari 2014
WAKTU : 15:53
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE VII)																				
Waktu persiapan					0	13	10	46	Waktu normal								0	13	34	17
Skill						0.03			Consistency					-0.04						
Effort						0.02			Algebraic sum					0.03						
Condition						0.02			Performance factor					1.03						
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			40	63			9	55			38	41			4	75	0	14	43	80
2			46	5			18	52			35	46			5	26	0	1	45	29
3			28	25			19	55			35	58			6	22	0	1	29	60
4			25	95			21	58			35	18			7	5	0	1	29	76
5			25	92			22	36			32	76			8	94	0	1	29	98
6			29	51			26	43			32	5			11	87	0	1	39	86
7			32	75			23	69			33	18			11	74	0	1	41	36
8			25	25			23	87			30	65			12	20	0	1	31	97
9			32	68			24	26			35	9			15	61	0	1	47	64
10			27	43			26	31			27	52			8	57	0	1	29	83
11			23	98			28	18			28	61			9	83	0	1	30	60
12			29	21			28	93			34	78			10	1	0	1	42	93
13			42	26			34	74			31	51			11	3	0	1	59	54
14			57	52			48	94			28	7			13	39	0	2	27	92
15			22	8			33	65			32	94			14	88	0	1	43	55
16			30	19			43	2			37	32			15	29	0	2	5	82
17			26	85			39	63			49	96			17	4	0	2	13	48
18			27	48			36	98			34	44			18	12	0	1	57	2
19			45	67			52	4			32	75			18	36	0	2	28	82
20			47	54			44	38		1	5	53			18	72	0	2	56	17
21			56	5			45	21			40	72			28	13	0	2	50	11
22		1	1	48			46	75			29	68			20	80	0	2	38	71
23		1	14	2			47	20			35	75			21	29	0	2	58	26
24		1	34	15			49	59			28	51			21	96	0	3	14	21
25		1	4	67			50	78			30	37			24	67	0	2	50	49
26			37	28			56	81			36	25			25	25	0	2	35	59
27			34	23			58	71			30	73			33	43	0	2	37	10
28			25	63			55	34			28	52			34	43	0	2	23	92
29			25	96		1	0	43			26	57			37	70	0	2	30	66
30			20	2		1	2	94			30	79			31	19	0	2	24	94
31			42	90		1	0	32			26	84			27	72	0	2	37	78
32			41	23		1	11	31			29	5			40	21	0	3	1	80
33			22	9		1	1	37			31	45					0	1	54	91
Total	0	21	6	91	0	22	13	37	0	18	37	2	0	9	45	66	1	24	53	42
Mean	0	0	38	39	0	0	40	41	0	0	33	85	0	0	18	30	0	2	39	17
Skill	-0.1				-0.22				0.03				0.15							
Effort	-0.08				-0.17				0.02				0.13							
Condition	-0.03				-0.07				0				0.06							
Consistency	-0.02				0.03				0.01				0.01							
Algebraic sum	-0.23				-0.43				0.06				0.35							
Performance factor	0.77				0.57				1.06				1.35							
Waktu normal	0	16	15	52	0	12	40	2	0	19	44	4	0	13	10	64	1	15	24	39

TANGGAL : 13 Januari 2014
WAKTU : 17:02
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE VIII)																				
Waktu persiapan					0	9	9	65	Waktu normal								0	11	21	57
Skill					0.08				Consistency								0.04			
Effort					0.08				Algebraic sum								0.24			
Condition					0.04				Performance factor								1.24			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			48	92			16	52			30	2			5	40	0	10	50	51
2			31	67			12	98			29	51			6	65	0	1	20	81
3			26	79			15	46			36	36			8	32	0	1	26	93
4			25	9			17	26			30	70			8	68	0	1	21	73
5			22	15			17	72			34	5			8	87	0	1	22	79
6			16	61			21	41			31	39			10	75	0	1	20	16
7			26	83			22	40			32	43			16	22	0	1	37	88
8			28	20			23	31			30	97			7	16	0	1	29	64
9			26	10			28	65			27	16			11	37	0	1	33	28
10			24	79			23	29			29	10			8	36	0	1	25	54
11			23	28			28	50			28	57			15	85	0	1	36	20
12			35	16			37	73			33	40			16	81	0	2	3	10
13			34	1			33	87			33	70			16	35	0	1	57	93
14			27	43			36	99			34	7			20	57	0	1	59	6
15			24	29			28	62			30	91			17	97	0	1	41	79
16			24	73			35	21			36	54			27	62	0	2	4	10
17			25	66			35	61			33	40			24	14	0	1	58	81
18			43	21			45	34			41	31			22	73	0	2	32	59
19			51	13			48	30			33	62			17	42	0	2	30	47
20			42	48			45	35		1	4	29			29	26	0	3	1	38
21			44	96			42	25			32	22			29	99	0	2	29	42
22			48	18			43	81			32	23			29	1	0	2	33	23
23			40	31			49	70			29	93			30	76	0	2	30	70
24			36	34			50	17			32	0			26	46	0	2	24	97
25			29	8			55	46			35	46			28	24	0	2	28	24
26			30	55			53	60			33	57			33	23	0	2	30	95
27			23	12			52	66			33	70			34	83	0	2	24	31
28			29	2			57	0			44	67			31	36	0	2	42	5
29			37	1		1	4	7			47	47			37	1	0	3	5	56
30		1	14	77		1	8	65			53	20			31	93	0	3	48	55
31			22	27			53	31			35	59					0	1	51	17
Total	0	17	4	14	0	19	25	20	0	18	11	54	0	10	13	32	1	14	3	85
Mean	0	0	33	4	0	0	37	59	0	0	35	21	0	0	20	44	0	2	28	13
Skill	0.03				-0.1				0				0.11							
Effort	0.02				-0.08				0				0.1							
Condition	0.02				-0.03				0				0.04							
Consistency	-0.04				0.04				0.03				0.01							
Algebraic sum	0.03				-0.17				0.03				0.26							
Performance factor	1.03				0.83				1.03				1.26							
Waktu normal	0	17	34	86	0	16	7	12	0	18	44	29	0	12	52	78	1	16	40	62

TANGGAL : 14 Januari 2014
WAKTU : 10:14
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE IX)																				
Waktu persiapan					0	5	1	49	Waktu normal								0	6	28	92
Skill						0.13			Consistency									-0.02		
Effort						0.12			Algebraic sum									0.29		
Condition						0.06			Performance factor									1.29		
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			36	62			10	48		1	1	43			6	80	0	6	56	82
2			32	7			11	2			31	78			6	84	0	1	21	71
3			19	95			12	7			29	96			6	33	0	1	8	31
4			18	65			12	92			29	62			9	19	0	1	10	38
5			21	39			17	4			34	72			9	19	0	1	22	34
6			17	42			15	56			31	87			9	36	0	1	14	21
7			22	95			19	78			31	72			10	60	0	1	25	5
8			30	96			19	16			29	0			7	86	0	1	26	98
9			25	90			24	67			31	65			18	97	0	1	41	19
10			23	29			25	14			22	50			9	29	0	1	20	22
11			18	94			20	54			30	91			9	6	0	1	19	45
12			38	75			25	77			30	34			12	83	0	1	47	69
13			38	30			23	17			27	90			11	46	0	1	40	83
14			30	65			29	90			28	78			14	81	0	1	44	14
15			27	95			37	28			33	50			15	73	0	1	54	46
16			15	7			30	98			27	41			15	64	0	1	29	10
17			27	23			33	68			30	30			16	57	0	1	47	78
18			41	68			29	39			28	32			18	77	0	1	58	16
19			40	40			32	52			30	21			22	54	0	2	5	67
20			39	31			36	2			29	22			26	31	0	2	10	86
21			38	23			39	71			27	27			29	2	0	2	14	23
22			39	17			46	22			29	79			31	50	0	2	26	68
23			41	63			50	35			30	53			39	15	0	2	41	66
24			18	19			59	32			39	37			30	66	0	2	27	54
25			19	25			59	30			36	67			37	89	0	2	33	11
26			22	27			54	99			29	43			45	94	0	2	32	63
27			49	8		1	9	9			28	87			48	52	0	3	15	56
28			56	81		1	16	10			20	32					0	2	33	23
Total	0	14	12	11	0	15	22	17	0	14	33	39	0	8	40	83	0	57	49	99
Mean	0	0	30	43	0	0	32	93	0	0	31	19	0	0	19	29	0	2	8	52
Skill		0.08				0.08				0.08				0.15						
Effort		0.08				0.08				0.08				0.13						
Condition		0.02				0.04				0.04				0.06						
Consistency		0				0.04				0.01				0.01						
Algebraic sum		0.18				0.24				0.21				0.35						
Performance factor		1.18				1.24				1.21				1.35						
Waktu normal	0	16	45	49	0	19	3	49	0	17	36	80	0	11	43	12	1	11	37	82

TANGGAL : 14 Januari 2014
WAKTU : 11:04
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE X)																				
Waktu persiapan					0	6	21	5	Waktu normal								0	7	56	31
Skill					0.11				Consistency								0			
Effort					0.1				Algebraic sum								0.25			
Condition					0.04				Performance factor								1.25			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			29	43			10	11			24	57			4	33	0	7	29	49
2			34	79			12	0			23	71			5	77	0	1	16	27
3			25	54			13	54			19	63			6	65	0	1	5	36
4			27	5			15	83			24	57			6	73	0	1	14	18
5			36	47			16	43			22	74			7	27	0	1	22	91
6			34	34			17	99			23	0			6	76	0	1	22	9
7			14	97			21	7			23	53			8	36	0	1	7	93
8			20	31			18	34			23	85			8	72	0	1	11	22
9			18	34			19	16			26	74			13	76	0	1	18	0
10			18	49			23	43			28	22			12	69	0	1	22	83
11			23	50			25	47			28	49			15	50	0	1	32	96
12			21	31			28	69			24	36			16	35	0	1	30	71
13			25	38			26	27			24	91			11	41	0	1	27	97
14			24	89			28	67			22	28			18	1	0	1	33	85
15			18	78			28	14			21	58			17	31	0	1	25	81
16			21	66			31	42			24	89			21	69	0	1	39	66
17			18	42			33	12			23	60			36	75	0	1	51	89
18			17	61			27	43			19	69			14	94	0	1	19	67
19			13	32			33	74			21	6			18	1	0	1	26	13
20			30	45			36	2			53	50			24	0	0	2	23	97
21			24	79			38	43			27	65			26	54	0	1	57	41
22			32	5			39	34			27	27			26	43	0	2	5	9
23			19	34			43	16			31	36			27	34	0	2	1	20
24			25	31			45	47			30	69			29	27	0	2	10	74
25			27	49			46	27			30	50			34	67	0	2	18	93
26			29	31			54	67			29	35			35	12	0	2	28	45
27			21	38			56	42			28	1			38	43	0	2	24	24
28			28	66			58	12			28	69			39	2	0	2	34	49
29			20	61		1	4	43			31	75			43	43	0	2	40	22
30			20	32		1	3	74			31	94					0	1	56	0
Total	0	12	4	31	0	16	16	92	0	13	22	13	0	9	35	26	0	57	39	67
Mean	0	0	24	14	0	0	32	56	0	0	26	74	0	0	19	84	0	1	59	30
Skill	0.15				0.11				0.15				0.13							
Effort	0.13				0.1				0.13				0.12							
Condition	0.06				0.04				0.06				0.06							
Consistency	0				0.04				0.01				0.03							
Algebraic sum	0.34				0.29				0.35				0.34							
Performance factor	1.34				1.29				1.35				1.34							
Waktu normal	0	16	10	58	0	21	0	23	0	18	2	88	0	12	50	85	1	16	0	85

TANGGAL : 14 Januari 2014
WAKTU : 13:07
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XI)																				
Waktu persiapan					0	24	40	2	Waktu normal								0	12	20	1
Skill					-0.22				Consistency				-0.04							
Effort					-0.17				Algebraic sum				-0.5							
Condition					-0.07				Performance factor				0.5							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			36	18			12	95			31	48			2	97	0	26	3	60
2			34	87			11	96			31	37			3	44	0	1	21	64
3			23	78			11	81			35	50			5	94	0	1	17	3
4			20	51			14	4			30	93			10	1	0	1	15	49
5			24	1			18	56			32	36			6	65	0	1	21	58
6			17	4			17	11			33	63			9	27	0	1	17	5
7			14	53			21	26			30	96			9	28	0	1	16	3
8			17	84			20	76			34	42			11	19	0	1	24	21
9			23	76			21	59			33	39			10	28	0	1	29	2
10			20	53			31	14			33	86			11	7	0	1	36	60
11			17	97			26	69			30	75			15	55	0	1	30	96
12			21	50			29	41			35	55			15	15	0	1	41	61
13			32	3			33	41			32	68			16	32	0	1	54	44
14			21	94			31	7			38	54			16	52	0	1	48	7
15			34	7			35	74			27	12			23	73	0	2	0	66
16			23	10			35	47			35	25			23	86	0	1	57	68
17			23	0			32	49			36	48			17	79	0	1	49	76
18			28	32			34	55			28	40			24	24	0	1	55	51
19			49	45			36	11			31	90			21	55	0	2	19	1
20			41	22			38	13			33	4			21	53	0	2	13	92
21			41	52			41	73			36	65			26	58	0	2	26	48
22			49	36			44	96			37	54			24	88	0	2	36	74
23			56	87		1	18	40			35	59			29	89	0	3	20	75
24			35	84			42	73			36	22			30	89	0	2	25	68
25			24	18			47	87			32	54			40	17	0	2	24	76
26			15	65			47	43			33	77			39	51	0	2	16	36
27			31	76			58	9			27	53			37	91	0	2	35	29
28			37	91			59	75			34	45			44	5	0	2	56	16
29			36	30			58	15			30	69			41	60	0	2	46	74
30			21	48			58	46			20	33					0	1	40	27
Total	0	14	36	52	0	17	31	82	0	16	22	92	0	9	51	82	1	23	3	10
Mean	0	0	29	22	0	0	35	6	0	0	32	76	0	0	20	41	0	2	51	83
Skill	0.08				0.03				0.06				0.11							
Effort	0.08				0.02				0.05				0.1							
Condition	0.04				0.02				0.02				0.04							
Consistency	-0.02				0.03				0.03				0.03							
Algebraic sum	0.18				0.1				0.16				0.28							
Performance factor	1.18				1.1				1.16				1.28							
Waktu normal	0	17	14	29	0	19	17	0	0	19	0	19	0	12	37	53	1	20	29	2

TANGGAL : 14 Januari 2014
WAKTU : 14:04
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XII)																				
Waktu persiapan					0	2	14	8	Waktu normal								0	2	54	30
Skill					0.15				Consistency				-0.04							
Effort					0.13				Algebraic sum				0.3							
Condition					0.06				Performance factor				1.3							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			55	35			18	50			23	51			5	31	0	3	56	75
2			35	9			11	28			25	31			5	41	0	1	17	9
3			36	40			11	51			24	61			6	52	0	1	19	4
4			34	98			12	75			20	39			6	10	0	1	14	22
5			23	28			12	7			28	0			5	89	0	1	9	24
6			21	48			14	11			24	20			6	48	0	1	6	27
7			24	51			14	86			22	50			8	26	0	1	10	13
8			34	8			18	86			25	42			13	5	0	1	31	41
9			27	27			14	57			21	29			14	38	0	1	17	51
10			23	20			19	76			22	99			15	49	0	1	21	44
11			22	28			20	56			24	51			16	93	0	1	24	28
12			28	15			25	18			43	87			30	76	0	2	7	96
13			32	49			34	18			53	95			22	18	0	2	22	80
14			29	83			35	6			45	11			21	92	0	2	11	92
15			40	73			40	76		1	17	49			22	58	0	3	1	56
16			37	83			56	88		1	11	67			26	91	0	3	13	29
17			51	3			52	65		1	11	72			38	50	0	3	33	90
18			34	35			57	35		1	27	20			54	88	0	3	53	78
19			35	37		1	21	74		1	12	27			56	25	0	4	5	63
20			19	82			42	44		1	36	65		1	8	59	0	3	47	50
21			41	43		1	18	67		1	9	4			56	22	0	4	5	36
22		1	9	90			45	32		1	15	88		1	9	85	0	4	20	95
23		1	11	97			40	75			37	11			25	12	0	2	54	95
24			50	92			46	85			28	49			28	71	0	2	34	97
25			37	62			47	40			22	6			24	60	0	2	11	68
26			33	10			58	66			35	17			22	64	0	2	29	57
27			52	70			50	34			31	1			48	23	0	3	2	28
28			40	96			48	93			26	22			32	57	0	2	28	68
29			37	33			48	13			24	52			28	73	0	2	18	71
30			26	23			45	17			24	96			30	97	0	2	7	33
31			21	97			40	30			28	40			36	91	0	2	7	58
32			18	40			52	86			27	46			31	90	0	2	10	62
33			15	39			55	90			33	6			55	27	0	2	39	62
34			18	48		1	3	6			42	47			53	8	0	2	57	9
35			20	4			54	39			33	37			42	12	0	2	29	92
36			15	46			52	99			25	54					0	1	33	99
Total	0	20	19	42	0	23	44	79	0	24	7	42	0	17	13	31	1	27	39	2
Mean	0	0	33	87	0	0	39	58	0	0	40	21	0	0	29	52	0	2	30	26
Skill	0				-0.22				-0.22				-0.22							
Effort	0				-0.17				-0.17				-0.17							
Condition	0				-0.07				-0.07				-0.07							
Consistency	-0.04				0.01				-0.04				-0.02							
Algebraic sum	-0.04				-0.45				-0.5				-0.48							
Performance factor	0.96				0.55				0.5				0.52							
Waktu normal	0	19	30	64	0	13	3	63	0	12	3	71	0	8	57	32	0	56	29	60

TANGGAL : 14 Januari 2014
WAKTU : 14:58
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XIII)																				
Waktu persiapan					0	9	18	92	Waktu normal								0	11	33	6
Skill					0.08				Consistency								0.04			
Effort					0.08				Algebraic sum								0.24			
Condition					0.04				Performance factor								1.24			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			39	4			10	21			39	55			7	27	0	10	54	99
2			29	74			13	72			29	73			8	83	0	1	22	2
3			26	24			15	12			27	80			8	98	0	1	18	14
4			24	87			15	12			30	79			8	72	0	1	19	50
5			22	70			16	35			30	7			9	33	0	1	18	45
6			16	82			16	58			31	5			11	64	0	1	16	9
7			15	18			20	48			29	53			11	71	0	1	16	90
8			16	75			26	45			29	34			11	82	0	1	24	36
9			24	52			25	99			31	36			12	73	0	1	34	60
10			28	15			26	61			27	26			13	16	0	1	35	18
11			15	5			26	85			23	81			15	30	0	1	21	1
12			34	37			29	54			26	6			15	43	0	1	45	40
13			35	25			33	17			22	98			15	46	0	1	46	86
14			32	64			42	5			27	6			21	87	0	2	3	62
15			23	10			36	13			28	75			17	72	0	1	45	70
16			32	33			30	5			34	45			19	61	0	1	56	44
17			29	64			32	53			31	90			18	5	0	1	52	12
18			40	73			35	34			32	14			19	5	0	2	7	26
19			34	16			37	36			30	56			21	26	0	2	3	34
20			35	46			40	26			41	77			22	54	0	2	20	3
21			37	12			41	81			28	12			24	55	0	2	11	60
22			33	58			42	54			30	41			25	33	0	2	11	86
23			37	99			41	55			26	46			27	46	0	2	13	46
24			26	85			38	34			31	78			30	85	0	2	7	82
25			39	54			43	89			42	36			29	13	0	2	34	92
26			29	5			43	13			29	34			30	48	0	2	12	0
27			26	13			47	99			35	54			34	17	0	2	23	83
28			28	58			55	91			39	78			33	6	0	2	37	33
29			32	48			59	7			40	89			28	81	0	2	41	25
30			36	17		1	3	1			26	0					0	2	5	18
Total	0	14	44	23	0	16	47	15	0	15	36	64	0	9	14	32	1	5	41	26
Mean	0	0	29	47	0	0	33	57	0	0	31	22	0	0	19	11	0	2	15	91
Skill	0.08				0.08				0.08				0.15							
Effort	0.08				0.08				0.08				0.13							
Condition	0.04				0.02				0.04				0.06							
Consistency	-0.02				0.03				0.01				0.03							
Algebraic sum	0.18				0.21				0.21				0.37							
Performance factor	1.18				1.21				1.21				1.37							
Waktu normal	0	17	23	39	0	20	18	65	0	18	53	33	0	12	39	42	1	20	47	85

TANGGAL : 14 Januari 2014
WAKTU : 15:52
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XIV)																				
Waktu persiapan					0	9	21	34	Waktu normal								0	11	30	45
Skill					0.08				Consistency								0.03			
Effort					0.08				Algebraic sum								0.23			
Condition					0.04				Performance factor								1.23			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	36			6	87			25	78			4	71	0	10	31	6
2			35	90			10	15			26	53			6	57	0	1	19	15
3			38	41			8	37			26	45			6	0	0	1	19	23
4			33	46			8	10			26	39			7	85	0	1	15	80
5			36	36			11	64			28	20			8	22	0	1	24	42
6			34	54			14	16			30	28			10	49	0	1	29	47
7			31	78			18	12			31	20			13	91	0	1	35	1
8			29	89			19	58			31	83			15	58	0	1	36	88
9			30	83			19	99			26	73			18	89	0	1	36	44
10			30	72			20	54			24	3			20	69	0	1	35	98
11			30	71			24	13			25	82			22	6	0	1	42	72
12			39	16			26	27			25	90			22	27	0	1	53	60
13			38	43			27	33			27	92			23	36	0	1	57	4
14			35	72			27	71			28	70			25	35	0	1	57	48
15			51	5			30	16			30	23			24	1	0	2	15	45
16			41	54			33	30			30	97			28	69	0	2	14	50
17			41	63			36	46			29	39			32	75	0	2	20	23
18			41	85			46	87			29	48			35	94	0	2	34	14
19			38	13			49	5			27	33			35	71	0	2	30	22
20			54	35			52	13			27	62			37	78	0	2	51	88
21			55	22			52	11			27	83			28	93	0	2	44	9
22			47	64			54	83			27	88			29	53	0	2	39	88
23		1	0	29			52	71			27	89			48	71	0	3	9	60
24			49	36		1	0	7			28	59			36	45	0	2	54	47
25			24	48		1	5	62			33	96			48	12	0	2	52	18
26			35	0		1	11	50			28	2			51	39	0	3	5	91
27			45	73		1	22	34			26	87			47	72	0	3	22	66
28		1	26	17		1	43	6			40	54			50	20	0	4	39	97
29		1	25	42		1	25	97			33	19			55	30	0	4	19	88
30			22	58		1	12	35			29	38					0	2	4	31
Total	0	20	58	71	0	19	51	49	0	14	24	93	0	13	17	18	1	17	53	65
Mean	0	0	41	96	0	0	39	72	0	0	28	83	0	0	27	49	0	2	41	16
Skill	-0.22				-0.22				0.13				-0.16							
Effort	-0.17				-0.17				0.12				-0.12							
Condition	-0.07				-0.07				0.06				-0.03							
Consistency	-0.02				0.03				0.03				0.03							
Algebraic sum	**-0.48**				**-0.43**				**0.34**				**-0.28**							
Performance factor	0.52				0.57				1.34				0.72							
Waktu normal	0	10	54	53	0	11	19	15	0	19	19	1	0	9	33	97	1	2	37	11

TANGGAL : 14 Januari 2014
WAKTU : 16:58
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XV)																				
Waktu persiapan					0	9	31	45	Waktu normal								0	11	42	88
Skill						0.08			Consistency									0.03		
Effort						0.08			Algebraic sum									0.23		
Condition						0.04			Performance factor									1.23		
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			26	58			8	71			35	72			2	28	0	10	44	74
2			30	1			8	0			33	71			3	3	0	1	14	75
3			25	14			10	49			29	73			5	92	0	1	11	28
4			32	71			11	89			31	30			6	97	0	1	22	87
5			31	72			13	6			31	87			9	33	0	1	25	98
6			31	30			15	35			25	26			11	83	0	1	23	74
7			29	10			14	1			29	55			14	59	0	1	27	25
8			34	12			17	69			34	85			17	2	0	1	43	68
9			25	0			22	94			34	17			20	69	0	1	42	80
10			29	27			24	71			32	53			20	6	0	1	46	57
11			26	71			24	53			30	75			22	27	0	1	44	26
12			25	30			25	99			37	14			19	36	0	1	47	79
13			27	87			28	13			27	12			24	12	0	1	47	24
14			29	5			27	16			27	46			23	1	0	1	46	68
15			30	13			29	87			32	54			24	69	0	1	57	23
16			35	11			31	13			34	0			25	33	0	2	5	57
17			29	11			33	62			31	26			27	94	0	2	1	93
18			33	77			33	34			30	41			27	45	0	2	4	97
19			31	56			34	51			28	31			30	78	0	2	5	16
20			25	13			37	38			32	29			29	93	0	2	4	73
21			29	18			38	24			34	50			31	78	0	2	13	70
22			25	0			40	45			37	99			28	71	0	2	12	15
23			28	7			39	4			37	61			32	11	0	2	16	83
24			26	56			43	7			30	34			34	0	0	2	13	97
25			27	9			45	15			31	35			36	35	0	2	19	94
26			33	34			48	22			31	70			29	72	0	2	22	98
27			30	54			52	38			34	46			38	20	0	2	35	58
28			26	67			55	51			34	66			38	30	0	2	35	14
29			31	0		1	9	38			42	38			40	90	0	3	3	66
30			32	12		1	8	47			28	51			38	22	0	2	47	32
31			30	55		1	2	0			33	41			41	58	0	2	47	54
32			29	49		1	3	32			35	54			39	16	0	2	47	51
33			23	30		1	2	67			35	0					0	2	0	97
Total	0	16	1	60	0	19	0	41	0	17	57	42	0	13	15	63	1	15	46	51
Mean	0	0	29	14	0	0	34	56	0	0	32	65	0	0	24	86	0	2	22	8
Skill		0.08				0.06				0.06				0						
Effort		0.08				0.05				0.05				0						
Condition		0.04				0.02				0.02				0						
Consistency		0.01				0.03				0.01				0.01						
Algebraic sum		0.21				0.16				0.14				0.01						
Performance factor		1.21				1.16				1.14				1.01						
Waktu normal	0	19	23	54	0	22	2	88	0	20	28	26	0	13	23	59	1	27	1	15

TANGGAL : 15 Januari 2014
WAKTU : 13.21
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XVI)																				
Waktu persiapan					0	8	52	9	Waktu normal								0	10	54	47
Skill					0.08				Consistency					0.03						
Effort					0.08				Algebraic sum					0.23						
Condition					0.04				Performance factor					1.23						
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			28	0			9	97			38	12			3	7	0	10	11	25
2			27	20			12	33			38	13			3	76	0	1	21	42
3			57	90			12	36			35	13			7	18	0	1	52	57
4			26	16			11	12			29	77			9	88	0	1	16	93
5			37	26			13	71			32	12			13	35	0	1	36	44
6			25	17			14	11			30	45			13	67	0	1	23	40
7			20	12			16	0			30	38			17	75	0	1	24	25
8			22	26			20	53			30	30			19	40	0	1	32	49
9			38	31			23	46			30	34			20	66	0	1	52	77
10			34	50			27	0			31	33			18	34	0	1	51	17
11			25	61			29	31			34	11			15	13	0	1	44	16
12			28	70			33	50			28	50			21	30	0	1	52	0
13			30	16			28	35			29	34			23	59	0	1	51	44
14			38	13			31	46			29	32			23	2	0	2	1	93
15			41	34			32	66			31	89			25	1	0	2	10	90
16			38	24			34	13			33	91			32	45	0	2	18	73
17			40	7			37	87			33	21			30	78	0	2	21	93
18			24	22			38	34			25	65			24	72	0	1	52	93
19			35	71			40	45			29	74			29	90	0	2	15	80
20			26	13			37	22			36	32			30	97	0	2	10	64
21			25	77			39	38			39	40			30	94	0	2	15	49
22			22	13			43	32			32	34			32	1	0	2	9	80
23			25	7			46	67			34	13			33	19	0	2	19	6
24			29	56			47	56			35	30			36	15	0	2	28	57
25			25	34			52	89			30	6			40	24	0	2	28	53
26			27	12			50	91			29	99			41	53	0	2	29	55
27			23	49		1	0	21			31	2			49	89	0	2	44	61
28			29	45		1	9	32			33	55					0	2	12	32
Total	0	14	13	12	0	15	14	14	0	15	3	85	0	10	47	88	1	4	11	8
Mean	0	0	30	47	0	0	32	65	0	0	32	28	0	0	24	0	0	2	22	63
Skill	0.08				0.11				0.06				0.03							
Effort	0.08				0.1				0.05				0.02							
Condition	0.02				0.04				0.02				0							
Consistency	-0.02				0.04				0.01				0.01							
Algebraic sum	0.16				0.29				0.14				0.06							
Performance factor	1.16				1.29				1.14				1.06							
Waktu normal	0	16	29	62	0	19	39	24	0	17	10	39	0	11	26	75	1	15	40	47

TANGGAL : 15 Januari 2014
WAKTU : 14:13
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XVII)																				
Waktu persiapan					0	10	3	59	Waktu normal								0	11	52	24
Skill					0.08				Consistency				0							
Effort					0.08				Algebraic sum				0.18							
Condition					0.02				Performance factor				1.18							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			19	18			9	9			18	90			2	18	0	10	52	94
2			27	67			9	76			25	53			4	75	0	1	7	71
3			29	66			10	20			19	31			6	13	0	1	5	30
4			20	30			14	24			22	29			7	1	0	1	3	84
5			31	1			10	23			22	77			8	78	0	1	12	79
6			28	78			15	24			35	31			9	94	0	1	29	27
7			28	90			15	58			37	32			11	11	0	1	32	91
8			35	1			23	89			39	29			11	16	0	1	49	35
9			32	24			25	36			32	30			13	29	0	1	43	19
10			35	53			22	38			22	27			15	32	0	1	35	50
11			29	30			28	40			32	29			14	38	0	1	44	37
12			36	28			24	89			37	30			16	40	0	1	54	87
13			29	31			25	77			30	19			18	37	0	1	43	64
14			30	33			20	25			31	23			19	39	0	1	41	20
15			30	29			25	29			28	30			19	47	0	1	43	35
16			31	39			26	30			40	36			20	13	0	1	58	18
17			31	13			28	90			36	30			20	11	0	1	56	44
18			30	77			36	98			38	41			25	36	0	2	11	52
19			32	45			38	49			33	28			24	18	0	2	8	40
20			32	34			39	99			37	38			28	26	0	2	17	97
21			29	33			42	57			39	22			32	29	0	2	23	41
22			27	11			47	16			22	19			29	34	0	2	5	80
23			28	89			45	91			27	23			29	2	0	2	11	5
24			29	40			45	80			31	41			30	90	0	2	17	51
25			29	13			48	88			31	45			30	94	0	2	20	40
26			31	99			58	75			29	58			34	31	0	2	34	63
27			30	2			59	89			29	29			35	13	0	2	34	33
28			30	30		1	5	33			29	90			37	33	0	2	42	86
29			32	2		1	3	87			25	9			38	40	0	2	39	38
30			32	45		1	6	58			29	8			38	55	0	2	46	66
31			30	78		1	2	34			23	2					0	1	56	14
Total	0	15	33	29	0	17	38	31	0	15	37	79	0	10	31	93	1	9	24	91
Mean	0	0	30	11	0	0	34	14	0	0	30	25	0	0	21	6	0	2	18	83
Skill	0.08				0.06				0.11				0.11							
Effort	0.08				0.05				0.1				0.1							
Condition	0.02				0.02				0.04				0.04							
Consistency	0				0.03				-0.02				0.01							
Algebraic sum	0.18				0.16				0.23				0.26							
Performance factor	1.18				1.16				1.23				1.26							
Waktu normal	0	18	21	28	0	20	27	64	0	19	13	48	0	13	16	23	1	23	10	87

TANGGAL : 15 Januari 2014
WAKTU : 15:10
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XVIII)																				
Waktu persiapan					0	9	0	31	Waktu normal								0	11	9	98
Skill					0.08				Consistency								0.04			
Effort					0.08				Algebraic sum								0.24			
Condition					0.04				Performance factor								1.24			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			29	11			12	7			28	24			5	28	0	10	15	1
2			25	19			11	13			25	31			5	83	0	1	7	46
3			27	25			11	16			25	29			6	3	0	1	9	73
4			29	32			14	26			30	77			8	37	0	1	22	72
5			26	30			17	29			32	45			9	82	0	1	25	86
6			26	54			20	36			37	34			9	90	0	1	34	14
7			27	46			21	77			36	33			11	92	0	1	37	48
8			33	53			26	49			38	3			10	10	0	1	48	15
9			20	75			29	91			33	15			11	46	0	1	35	27
10			37	77			25	90			35	25			12	27	0	1	51	19
11			25	21			22	28			32	27			11	14	0	1	30	90
12			20	27			28	77			27	29			13	33	0	1	29	66
13			26	11			24	89			34	30			15	39	0	1	40	69
14			30	14			20	67			30	19			18	11	0	1	39	11
15			31	18			26	77			35	36			21	12	0	1	54	43
16			17	28			30	90			37	41			22	15	0	1	47	74
17			25	33			32	98			32	22			21	16	0	1	51	69
18			29	39			35	52			28	12			21	21	0	1	54	24
19			31	45			35	2			38	33			21	25	0	2	6	5
20			35	11			35	22			32	54			19	20	0	2	2	7
21			35	99			40	32			29	17			23	35	0	2	8	83
22			36	2			38	30			28	28			24	49	0	2	7	9
23			30	8			39	99			33	68			24	49	0	2	8	24
24			30	76			38	9			34	26			27	0	0	2	10	11
25			28	25			43	20			36	24			28	25	0	2	15	94
26			29	34			49	29			28	34			30	35	0	2	17	32
27			30	44			50	30			40	39			31	29	0	2	32	42
28			31	0			49	37			33	44			29	37	0	2	23	18
29			22	85			48	38			35	50			32	31	0	2	19	4
30			26	92			49	11			37	54			35	30	0	2	28	87
31			24	20			53	26			36	55			42	41	0	2	36	42
32			34	30			58	90			33	2			44	17	0	2	50	39
33			24	56		1	1	13			36	42			43	34	0	2	45	45
34			43	24		1	0	45			27	15					0	2	10	84
Total	0	16	22	64	0	19	23	45	0	18	40	17	0	11	31	16	1	14	57	73
Mean	0	0	28	90	0	0	34	22	0	0	32	95	0	0	20	94	0	2	16	29
Skill	0.11				0.06				0.06				0.11							
Effort	0.1				0.05				0.05				0.1							
Condition	0.04				0.02				0.02				0.04							
Consistency	-0.02				0.04				0				0.03							
Algebraic sum	0.23				0.17				0.13				0.28							
Performance factor	1.23				1.17				1.13				1.28							
Waktu normal	0	20	8	65	0	22	41	24	0	21	5	79	0	14	44	68	1	29	50	34

TANGGAL : 15 Januari 2014
WAKTU : 16:23
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XIX)																				
Waktu persiapan					0	12	1	31	Waktu normal								0	13	20	65
Skill					0.06				Consistency								-0.02			
Effort					0.05				Algebraic sum								0.11			
Condition					0.02				Performance factor								1.11			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			26	92			3	3			35	90			2	78	0	13	9	94
2			33	14			8	88			30	98			4	27	0	1	17	27
3			30	11			11	39			34	30			6	15	0	1	21	95
4			32	16			11	15			33	37			5	21	0	1	21	89
5			27	17			13	13			36	90			6	0	0	1	23	20
6			33	25			15	77			34	5			8	91	0	1	31	98
7			32	26			17	90			35	11			10	36	0	1	35	63
8			33	35			19	67			37	22			11	45	0	1	41	69
9			23	38			19	92			28	33			13	30	0	1	24	93
10			32	77			23	25			37	17			14	32	0	1	47	51
11			25	49			28	49			36	28			16	23	0	1	46	49
12			22	91			35	90			27	11			17	19	0	1	43	11
13			29	90			31	25			29	25			18	10	0	1	48	50
14			22	90			34	15			36	49			19	17	0	1	52	71
15			23	98			35	31			32	41			17	25	0	1	48	95
16			34	25			36	33			33	34			18	29	0	2	2	21
17			31	30			39	34			25	32			22	28	0	1	58	24
18			41	36			41	77			32	38			22	29	0	2	17	80
19			27	54			41	89			25	48			25	33	0	2	0	24
20			19	24			43	37			30	1			27	32	0	1	59	94
21			24	31			45	32			32	77			31	26	0	2	13	66
22			29	45			46	26			32	77			32	92	0	2	21	40
23			32	12			48	28			26	90			33	16	0	2	20	46
24			34	28			48	2			32	22			35	25	0	2	29	77
25			36	37			51	68			28	26			35	54	0	2	31	85
26			23	25			54	53			30	32			36	25	0	2	24	35
27			21	26			58	89			26	52			37	49	0	2	24	16
28			32	24		1	4	99			42	33			37	17	0	2	56	73
29			30	49		1	5	32			28	53			41	41	0	2	45	75
30			31	31		1	6	69			33	9					0	2	11	9
Total	0	14	38	46	0	17	41	87	0	16	5	11	0	10	6	65	1	10	33	40
Mean	0	0	29	28	0	0	35	40	0	0	32	17	0	0	20	92	0	2	25	98
Skill	0.08				0.03				0.06				0.11							
Effort	0.08				0.02				0.05				0.1							
Condition	0.04				0				0.02				0.04							
Consistency	-0.04				0.03				0.03				0.03							
Algebraic sum	0.16				0.08				0.16				0.28							
Performance factor	1.16				1.08				1.16				1.28							
Waktu normal	0	16	59	1	0	19	6	82	0	18	39	53	0	12	56	51	1	21	2	52

TANGGAL : 16 Januari 2014
WAKTU : 13:02
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XX)																				
Waktu persiapan					0	9	45	88	Waktu normal								0	11	37	20
Skill					0.08				Consistency								0.01			
Effort					0.08				Algebraic sum								0.19			
Condition					0.02				Performance factor								1.19			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			27	91			5	33			33	34			0	58	0	10	53	4
2			25	30			8	33			35	33			3	2	0	1	11	98
3			30	32			12	32			25	41			4	15	0	1	12	20
4			29	17			15	20			30	54			4	27	0	1	19	18
5			22	29			18	83			32	68			6	42	0	1	20	22
6			25	16			18	35			32	39			7	61	0	1	23	51
7			25	25			22	90			26	16			9	15	0	1	23	46
8			26	26			18	62			26	90			10	15	0	1	21	93
9			37	90			24	33			30	11			11	0	0	1	43	34
10			26	54			26	40			26	0			11	17	0	1	30	11
11			29	45			23	2			30	23			13	25	0	1	35	95
12			36	14			24	78			29	29			14	41	0	1	44	62
13			23	16			25	72			27	25			14	11	0	1	30	24
14			34	38			30	15			26	41			15	38	0	1	46	32
15			28	90			32	89			40	6			15	32	0	1	57	17
16			33	25			36	23			38	17			19	53	0	2	7	18
17			41	37			39	16			28	22			24	30	0	2	13	5
18			35	11			33	49			35	92			25	13	0	2	9	65
19			19	11			37	41			36	33			30	40	0	2	3	25
20			28	34			41	25			28	2			31	43	0	2	9	4
21			25	75			45	31			47	32			33	90	0	2	32	28
22			34	12			46	26			34	54			33	38	0	2	28	30
23			30	69			50	28			33	90			35	69	0	2	30	56
24			26	62			52	99			44	4			37	3	0	2	40	68
25			23	90			55	32			36	14			39	33	0	2	34	69
26			23	12			58	5			30	9			36	78	0	2	28	4
27			35	4			59	11			34	69			40	99	0	2	49	83
28			30	3		1	5	38			29	92			38	11	0	2	43	44
29			30	73		1	5	26			35	16			43	39	0	2	54	54
30			37	17		1	7	39			31	27					0	2	15	83
Total	0	14	42	48	0	17	40	6	0	16	15	83	0	10	9	38	1	8	33	63
Mean	0	0	29	42	0	0	35	34	0	0	32	53	0	0	21	1	0	2	21	85
Skill	0.08				0.03				0.06				0.11							
Effort	0.08				0.02				0.05				0.1							
Condition	0.04				0				0.02				0.04							
Consistency	-0.04				0.01				0				0.01							
Algebraic sum	0.16				0.06				0.13				0.26							
Performance factor	1.16				1.06				1.13				1.26							
Waktu normal	0	17	3	68	0	18	43	66	0	18	22	69	0	12	47	82	1	18	35	5

TANGGAL : 16 Januari 2014
WAKTU : 13:59
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XXI)																				
Waktu persiapan					0	8	38	77	Waktu normal								0	10	38	9
Skill					0.08				Consistency								0.03			
Effort					0.08				Algebraic sum								0.23			
Condition					0.04				Performance factor								1.23			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			33	68			8	90			25	27			1	27	0	9	47	89
2			22	75			9	78			30	0			3	0	0	1	5	53
3			39	16			11	98			38	90			3	30	0	1	33	34
4			37	36			14	93			33	42			4	69	0	1	30	40
5			17	62			17	86			29	20			6	78	0	1	11	46
6			25	73			17	69			31	12			8	39	0	1	22	93
7			18	1			15	90			28	29			11	15	0	1	13	35
8			16	24			18	99			30	34			14	23	0	1	19	80
9			20	83			17	81			41	23			15	45	0	1	35	32
10			34	93			24	69			32	37			16	37	0	1	48	36
11			32	36			20	58			53	62			19	26	0	2	5	82
12			29	16			24	81			35	29			19	49	0	1	48	75
13			12	54			28	88			30	27			22	31	0	1	34	0
14			22	29			34	87			30	80			20	63	0	1	48	59
15			22	57			33	69			34	17			23	75	0	1	54	18
16			40	59			38	93			36	26			19	25	0	2	15	3
17			23	83			43	29			40	38			24	65	0	2	12	15
18			24	72			43	83			32	75			22	23	0	2	3	53
19			29	28			39	75			33	69			23	69	0	2	6	41
20			25	11			45	56			44	4			25	2	0	2	19	73
21			37	26			45	74			47	30			27	1	0	2	37	31
22			34	39			48	59			19	37			29	78	0	2	12	13
23			23	27			52	39			23	25			29	71	0	2	8	62
24			30	0			59	80			23	30			31	35	0	2	24	45
25			37	78		1	1	93			21	33			39	20	0	2	40	24
26			35	51		1	3	95			30	16			42	43	0	2	52	5
27			39	80		1	4	55			28	5			49	58	0	3	1	98
28			38	51		1	5	68			31	79					0	2	15	98
Total	0	13	25	28	0	16	15	35	0	15	15	96	0	9	13	97	1	2	49	33
Mean	0	0	28	76	0	0	34	83	0	0	32	71	0	0	20	52	0	2	19	60
Skill	0.11				0.03				0.06				0.11							
Effort	0.1				0.02				0.05				0.1							
Condition	0.04				0.02				0.02				0.04							
Consistency	-0.04				0.04				-0.04				0.04							
Algebraic sum	0.21				0.11				0.09				0.29							
Performance factor	1.21				1.11				1.09				1.29							
Waktu normal	0	16	14	39	0	18	2	64	0	16	38	40	0	11	54	62	1	13	28	14

TANGGAL : 16 Januari 2014
WAKTU : 14:52
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XXII)																				
Waktu persiapan					0	10	9	45	Waktu normal								0	11	59	15
Skill					0.08				Consistency								0			
Effort					0.08				Algebraic sum								0.18			
Condition					0.02				Performance factor								1.18			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			34	99			6	50			30	16			3	6	0	11	24	16
2			30	27			8	63			31	24			5	1	0	1	15	15
3			32	71			8	1			27	28			5	71	0	1	13	71
4			24	46			12	93			28	30			7	53	0	1	13	22
5			37	5			13	95			34	12			8	12	0	1	33	24
6			33	11			15	20			33	29			10	39	0	1	31	99
7			35	62			18	29			41	25			6	33	0	1	41	49
8			37	50			20	30			35	16			7	36	0	1	40	32
9			26	34			22	30			44	5			11	69	0	1	44	38
10			31	97			22	5			30	83			14	41	0	1	39	26
11			42	78			24	14			32	3			15	1	0	1	53	96
12			36	23			25	15			33	29			17	75	0	1	52	42
13			23	26			26	43			23	4			19	94	0	1	32	67
14			28	63			29	45			28	29			21	0	0	1	47	37
15			19	65			34	0			31	25			23	43	0	1	48	33
16			24	1			38	78			30	43			23	27	0	1	56	49
17			37	20			40	26			30	19			20	0	0	2	7	65
18			21	81			42	75			28	72			22	29	0	1	55	57
19			17	81			44	23			34	21			22	75	0	1	59	0
20			24	93			45	69			33	34			22	37	0	2	6	33
21			42	56			47	2			34	63			25	5	0	2	29	26
22			24	39			49	43			30	39			25	11	0	2	9	32
23			22	95			50	34			27	37			28	81	0	2	9	47
24			20	68			50	37			26	24			30	56	0	2	7	85
25			24	37			49	11			47	11			29	30	0	2	29	89
26			31	75			49	45			27	88			36	26	0	2	25	34
27			23	37			53	31			30	6			42	34	0	2	29	8
28			29	16			56	87			27	22			40	37	0	2	33	62
29			27	24		1	3	90			44	40			38	31	0	2	53	85
30			38	54		1	4	92			34	6			38	92	0	2	56	44
31			32	72		1	4	18			35	57					0	2	12	47
Total	0	15	18	6	0	18	17	94	0	16	45	40	0	10	22	45	1	10	53	30
Mean	0	0	29	61	0	0	35	42	0	0	32	43	0	0	20	75	0	2	21	78
Skill	0.08				0.03				0.06				0.11							
Effort	0.08				0.02				0.05				0.1							
Condition	0.04				0				0.02				0.04							
Consistency	-0.04				0.03				0.01				0.04							
Algebraic sum	0.16				0.08				0.14				0.29							
Performance factor	1.16				1.08				1.14				1.29							
Waktu normal	0	17	44	95	0	19	45	78	0	19	6	16	0	13	22	96	1	21	59	0

TANGGAL : 17 Januari 2014
WAKTU : 14:23
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XXIII)																				
Waktu persiapan					0	9	43	15	Waktu normal								0	11	33	95
Skill					0.08				Consistency					0.01						
Effort					0.08				Algebraic sum					0.19						
Condition					0.02				Performance factor					1.19						
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			28	16			8	33			30	55			5	11	0	10	55	30
2			25	24			9	43			32	14			6	38	0	1	13	19
3			25	72			11	5			32	26			7	39	0	1	16	42
4			32	26			13	97			28	50			7	11	0	1	21	84
5			29	39			15	6			31	46			8	18	0	1	24	9
6			34	27			18	1			28	51			10	29	0	1	31	8
7			27	80			20	69			31	41			12	2	0	1	31	92
8			56	32			22	78			35	25			13	72	0	2	8	7
9			25	26			24	93			40	29			15	76	0	1	46	24
10			20	30			24	0			28	63			13	51	0	1	26	44
11			29	34			26	72			31	37			14	95	0	1	42	38
12			33	39			27	58			34	46			16	18	0	1	51	61
13			32	27			29	51			34	50			18	32	0	1	54	60
14			32	5			30	4			29	63			20	41	0	1	52	13
15			29	34			28	97			29	20			21	80	0	1	49	31
16			22	31			32	45			34	56			21	34	0	1	50	66
17			31	34			34	36			32	68			22	20	0	2	0	58
18			27	20			39	18			28	75			24	23	0	1	59	36
19			19	39			40	76			31	5			24	24	0	1	55	44
20			24	37			45	30			30	43			25	40	0	2	5	50
21			34	37			47	53			32	21			25	39	0	2	19	50
22			23	23			49	16			30	11			27	29	0	2	9	79
23			35	24			49	51			29	6			30	31	0	2	24	12
24			26	24			50	7			39	80			28	33	0	2	24	44
25			26	31			54	15			35	27			29	55	0	2	25	28
26			30	27			57	38			33	34			35	95	0	2	36	94
27			29	69			58	95			35	37			39	28	0	2	43	29
28			31	27			58	37			30	24			43	81	0	2	43	69
29			31	75		1	5	48			33	27			44	3	0	2	54	53
30			27	47		1	6	59			33	30					0	2	7	36
Total	0	14	41	56	0	17	40	31	0	16	7	60	0	10	12	48	1	8	25	10
Mean	0	0	29	39	0	0	35	34	0	0	32	25	0	0	21	12	0	2	21	56
Skill	0.08				0.03				0.06				0.11							
Effort	0.08				0.02				0.05				0.1							
Condition	0.04				0				0.02				0.04							
Consistency	-0.02				0.03				0.01				0.03							
Algebraic sum	0.18				0.08				0.14				0.28							
Performance factor	1.18				1.08				1.14				1.28							
Waktu normal	0	17	20	24	0	19	5	13	0	18	23	6	0	13	3	97	1	19	26	35

TANGGAL : 18 Januari 2014
WAKTU : 13:09
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XXIV)																				
Waktu persiapan					0	9	38	35	Waktu normal								0	11	39	80
Skill					0.08				Consistency				0.01							
Effort					0.08				Algebraic sum				0.21							
Condition					0.04				Performance factor				1.21							
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			27	18			5	72			29	68			4	32	0	10	45	25
2			37	18			9	18			29	25			3	25	0	1	18	86
3			34	40			6	20			32	22			4	54	0	1	17	36
4			38	55			8	24			34	2			6	45	0	1	27	26
5			24	81			10	27			32	90			8	16	0	1	16	14
6			26	83			15	27			28	14			9	27	0	1	19	51
7			25	98			19	20			25	9			11	27	0	1	21	54
8			28	41			25	37			22	29			14	5	0	1	30	12
9			29	67			28	24			59	18			15	24	0	2	12	33
10			24	80			26	27			28	80			18	41	0	1	38	28
11			35	85			29	34			35	40			16	77	0	1	57	36
12			25	53			34	27			26	31			19	76	0	1	45	87
13			40	85			34	5			35	55			21	36	0	2	11	81
14			25	73			35	34			29	95			23	50	0	1	54	52
15			25	52			35	20			33	40			24	1	0	1	58	13
16			38	22			38	24			29	1			24	75	0	2	10	22
17			24	46			42	11			34	78			22	34	0	2	3	69
18			28	40			45	76			35	97			24	75	0	2	14	88
19			29	15			41	41			28	1			26	2	0	2	4	59
20			21	16			47	20			34	16			28	12	0	2	10	64
21			49	41			49	23			24	37			29	39	0	2	32	40
22			44	31			53	24			55	36			30	41	0	3	3	32
23			28	99			57	40			28	59			35	20	0	2	30	18
24			27	5			56	29			35	91			39	37	0	2	38	62
25			29	38			59	20			24	59			42	83	0	2	36	0
26			30	78		1	6	51			27	94			45	93	0	2	51	16
27			40	51		1	8	46			33	20					0	2	22	17
Total	0	14	3	11	0	15	47	21	0	14	34	7	0	9	9	47	1	3	12	21
Mean	0	0	31	23	0	0	35	8	0	0	32	37	0	0	21	13	0	2	25	85
Skill	0.06				0.03				0.06				0.11							
Effort	0.05				0.02				0.05				0.1							
Condition	0.02				0.02				0.02				0.04							
Consistency	-0.04				0.03				0				0.04							
Algebraic sum	0.09				0.1				0.13				0.29							
Performance factor	1.09				1.1				1.13				1.29							
Waktu normal	0	15	18	99	0	17	21	93	0	16	27	70	0	11	48	82	1	12	37	24

TANGGAL : 18 Januari 2014
WAKTU : 14:01
MESIN : Sany - SR150C

PENGAMATAN BORE PILE HOTEL MARRIOT HARTONO LIFESTYLE MALL (PILE XXV)																				
Waktu persiapan					0	9	12	49	Waktu normal								0	11	25	9
Skill					0.08				Consistency								0.04			
Effort					0.08				Algebraic sum								0.24			
Condition					0.04				Performance factor								1.24			
no	Elemen kerja																durasi (1 siklus)			
	a				b				c				d							
	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms	h	m	s	ms
1			32	2			4	77			29	22			1	90	0	10	20	40
2			26	29			6	12			27	40			2	29	0	1	2	10
3			36	55			9	40			25	1			4	40	0	1	15	36
4			19	78			12	9			49	59			5	31	0	1	26	77
5			17	1			15	81			35	53			5	95	0	1	14	30
6			22	37			18	41			33	30			7	16	0	1	21	24
7			24	27			23	85			42	28			9	36	0	1	39	76
8			23	24			20	52			29	41			11	27	0	1	24	44
9			25	77			23	40			29	29			15	41	0	1	33	87
10			31	36			25	31			40	9			17	50	0	1	54	26
11			25	75			28	13			32	2			18	81	0	1	44	71
12			25	75			27	11			29	25			14	67	0	1	36	78
13			29	2			29	13			36	36			15	52	0	1	50	3
14			35	12			33	99			32	41			18	15	0	1	59	67
15			28	83			32	2			40	83			19	28	0	1	60	96
16			33	80			30	26			32	93			20	13	0	1	57	12
17			30	22			35	6			36	46			23	11	0	2	4	85
18			32	40			37	75			35	93			24	89	0	2	10	97
19			20	15			32	12			33	37			25	13	0	1	50	77
20			32	99			38	46			35	37			26	45	0	2	13	27
21			22	9			35	34			33	24			25	29	0	1	55	96
22			37	1			45	78			29	24			24	36	0	2	16	39
23			37	16			40	89			34	27			27	20	0	2	19	52
24			39	59			43	55			34	34			28	81	0	2	26	29
25			28	27			54	41			29	20			25	73	0	2	17	61
26			38	27			49	85			32	24			30	40	0	2	30	76
27			25	76			53	40			34	29			31	41	0	2	24	86
28			29	41			55	31			28	20			33	16	0	2	26	8
29			32	20		1	3	5			36	51			34	75	0	2	46	51
30			34	46		1	6	45			28	25			36	20	0	2	45	36
31			33	35		1	7	75			33	16			39	83	0	2	54	9
32			29	79		1	11	41			34	24					0	2	15	44
Total	0	15	40	5	0	18	50	90	0	17	53	23	0	10	23	83	1	12	0	50
Mean	0	0	29	38	0	0	35	34	0	0	33	54	0	0	20	12	0	2	19	37
Skill	0.08				0.03				0.03				0.13							
Effort	0.08				0.02				0.02				0.12							
Condition	0.04				0				0.02				0.06							
Consistency	-0.02				0.04				0				0.03							
Algebraic sum	0.18				0.09				0.07				0.34							
Performance factor	1.18				1.09				1.07				1.34							
Waktu normal	0	18	29	26	0	20	32	68	0	19	8	36	0	13	55	93	1	23	31	32

FOTO PELAKSANAAN DI PROYEK JOGJA CITY MALL

NO	GAMBAR	KETERANGAN
1		Setelah lubang pile cap dipersiapkan, dipasang patok-patok dari besi sebagai tanda lubang *bored pile* yang akan digali
2		Proses penggalian berlangsung, digunakan *tripod* bamboo yang dipasangi katrol untuk membantu mengangkut tanah dari bawah menggunakan ember besi. Penggali turun ke lubang dan melakukan pekerjaan galian menggunakan linggis.
3		Lubang yang baru selesai digali ditutup dengan triplek sambil menunggu tulangan pondasi dimasukkan.

NO	GAMBAR	KETERANGAN
4		Lubang yang telah digali dan dimasukkan besi tulangan menunggu truk beton untuk kemudian di cor.
5		Proses pengecoran pondasi *bored pile* sedang berlangsung.

FOTO PELAKSANAAN DI PROYEK SAHID JOGJA LIFESTYLE CITY

NO	GAMBAR	KETERANGAN
1		Mesin bor digerakkan ke arah lubang yang ingin dibor, kemudian *tracker* membantu memposisikan lengan bor di as yang akan dibor. As yang akan dibor sebelumnya sudah ditandai dengan patok besi.
2		Proses persiapan lubang *bored pile* yang akan dibor. *Tracker* mengecek kelurusan tiang bor agar lubang yang dibor nantinya tegak lurus.
3		Penurunan mata bor pada proses pembuatan lubang pondasi

NO	GAMBAR	KETERANGAN
4		Monitor yang ada di dalam ruang operator mesin bor. Monitor tersebut membantu operator untuk mengetahui kedalaman lengan bor, posisi lengan bor, dan kapasitas mata bor.
5		Proses pemasangan *casing*. *Casing* diangkat menggunakan *dragline* kemudian ditempatkan di lubang *boredpile* yang telah digali dengan kedalaman sekitar 9 meter. *Casing* dipasang sambil diperiksa kelurusannya menggunakan *waterpass.*
6		Proses penurunan mata bor. *Casing* yang dipasang berdiameter 1,2 meter, ukuran mata bor berdiameter 1 meter sehingga mata bor tetap dapat lewat di tengah *casing.*

NO	GAMBAR	KETERANGAN
7		Proses pengosongan mata bor. Mata bor diangkat dari lubang, mata bor dikosongkan dan tanah dibuang dipinggir lubang.

FOTO PELAKSANAAN DI PROYEK HOTEL MARRIOT HARTONO LIFESTYLE MALL

NO	GAMBAR	KETERANGAN
1		Proses penurunan mata bor. Lengan bor diturunkan dengan keadaan mata bor sedang berputar. Lengan bor diturunkan secara vertical dengan bantuan hidrolis.
2		Tanah yang telah terisi didalam mata bor diangkat ke permukaan tanah.
3		Mata bor yang telah diangkat dikosongkan, dibuang disamping lubang.

NO	GAMBAR	KETERANGAN
4		Penurunan mata bor. Mata bor yang telah dikosongkan kemudian dimasukkan lagi kedalam tanah untuk melanjutkan pengeboran.
5		Mas Sudjadi operator mesin bor di proyek Hotel Marriot Hartono Lifestyle Mall.