

******REMARK: * - Settlement mark maybe disturb.**
**** - Settlement mark had been changed position.**

LevelPak Level Line Report

Project : Kepong_P4_170707
 Generated : 17/07/2007 at 19:21:22
 Unit : Meter
 Level Line : Kepong_P4B_raw Line 001
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtdt.	Fore	Dist	Height	Comments
x	TBM F1215						56.2305	TBM F1215
x	TBM F1215	1.09420				43.43		
x	1				1.42630	24.46		
x	1						55.8984	CP 1
x	1	1.58090				60.16		
x	2				1.30080	54.99		
x	2						56.1785	CP 2
x	2	1.86490				63.27		
x	3				1.35280	58.50		
x	3						56.6906	CP 3
x	3	1.35640				36.99		
x	4				1.34230	46.04		
x	4						56.7047	CP 4
x	4	1.54760				24.89		
x	5				1.26030	37.25		
x	5						56.9920	CP 5
x	5	1.53420				25.94		
x	6				1.34240	37.21		
x	6						57.1838	CP 6A
x	6	1.37850				23.60		
x	7				1.38970	36.16		
x	7						57.1726	CP 7B
x	7	1.38760				26.63		
x	8				1.55640	38.01		
x	8						57.0038	CP 8A
x	8	1.32450				39.43		
x	9				1.57600	41.54		
x	9						56.7523	CP 9
x	9	1.47530				52.60		
x	10				1.51550	32.36		
x	10						56.7121	
x	10	1.14230				33.31		
x	11				1.44750	60.05		
x	11						56.4069	
x	11	1.11600				48.90		
x	12				1.54750	57.41		
x	12						55.9754	
x	12	1.52410				50.89		
x	13				1.55070	25.87		
x	13						55.9488	
x	13	1.67600				29.67		
x	14				1.72880	41.71		
x	14						55.8963	
x	14				1.72870	41.71		
x	14						55.8961	
x	14	1.41940				24.79		
x	TBM F1215				1.08500	43.10		
x	TBM F1215						56.2305	

Level Line Memo:

1. Level line start point 'TBM F1215'
2. Level line end point 'TBM F1215'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 19:54:39
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 003 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	3						56.6906	CP 3
x	3	1.35650				18.21		
x	1		In	0.45600		12.40		
x	1						57.5912	J1
x	2		In	0.41550		15.28		
x	2						57.6317	J2
x	3		In	0.44520		21.01		
x	3						57.6020	J3
x	4		In	1.02300		23.13		
x	4						57.0242	J4
x	5		In	0.93520		18.59		
x	5						57.1120	J5
x	6		In	0.93940		16.18		
x	6						57.1078	J6
x	7		In	0.89150		18.50		
x	7						57.1557	J7
x	8		In	0.30990		18.97		
x	8						57.7373	J8
x	9		In	0.35790		22.46		
x	9						57.6893	J9
x	3				1.35670	18.21		
x	3						56.6906	CP 3

Level Line Memo:

1. Level line start point '3'
2. Level line end point '3'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 19:58:17
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 004 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	4						56.7047	CP 4
x	4	1.34570				35.44		
x	1		In	0.76400		16.94		
x	1						57.2863	J10
x	2		In	0.81440		23.02		
x	2						57.2359	J11
x	3		In	0.87220		29.10		
x	3						57.1781	J12
x	4		In	0.79150		16.88		
x	4						57.2588	I12
x	5		In	0.71200		10.81		
x	5						57.3383	I11
x	6		In	0.79150		4.79		
x	6						57.2588	I10
x	7		In	0.26920		7.66		
x	7						57.7811	I9
x	8		In	0.22750		11.01		
x	8						57.8228	I8
x	4				1.34560	35.43		
x	4						56.7047	CP 4

Level Line Memo:

1. Level line start point '4'
2. Level line end point '4'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:01:12
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 005 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	4						56.7047	CP 4
x	4	1.47770				10.12		
x	1		In	0.92690		19.67		
x	1						57.2554	I7
x	2		In	1.07930		16.83		
x	2						57.1030	I6
x	3		In	1.15660		22.12		
x	3						57.0257	I4
x	4		In	0.61090		12.69		
x	4						57.5714	I1
x	5		In	0.57740		7.33		
x	5						57.6049	H3
x	6		In	1.19670		11.03		
x	6						56.9856	H4
x	7		In	0.58550		9.68		
x	7						57.5968	H1
x	8		In	0.58580		19.55		
x	8						57.5965	I3 **
x	4				1.47760	10.10		
x	4						56.7047	CP 4

Level Line Memo:

1. Level line start point '4'
2. Level line end point '4'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:03:22
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 006 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	4						56.7047	CP 4
x	4	1.47390				5.71		
x	1		In	1.11040		21.12		
x	1						57.0682	I5
x	2		In	0.53110		18.04		
x	2						57.6475	I2 **
x	3		In	0.59750		6.40		
x	3						57.5811	H2
x	4		In	1.18580		10.64		
x	4						56.9928	H5
x	5		In	1.22060		10.63		
x	5						56.9580	H6
x	6		In	1.22900		14.31		
x	6						56.9496	H7
x	7		In	0.62810		15.96		
x	7						57.5505	H8
x	8		In	0.63890		19.31		
x	8						57.5397	H9
x	4				1.47390	5.72		
x	4						56.7047	CP 4

Level Line Memo:

1. Level line start point '4'
2. Level line end point '4'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:05:22
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 008 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	4						56.7047	CP 4
x	4	1.55980				24.43		
x	1		In	0.99220		10.92		
x	1						57.2724	H10
x	2		In	0.98360		17.03		
x	2						57.2810	H11
x	3		In	1.01090		23.10		
x	3						57.2537	H12
x	4		In	0.86020		17.14		
x	4						57.4044	G12
x	5		In	0.88800		11.15		
x	5						57.3766	G11
x	6		In	0.89170		5.28		
x	6						57.3729	G10
x	7		In	0.42740		8.70		
x	7						57.8372	G9
x	8		In	0.41680		12.13		
x	8						57.8478	G8
x	4				1.56000	24.42		
x	4						56.7047	CP 4

Level Line Memo:

1. Level line start point '4'
2. Level line end point '4'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:07:41
 Unit : Meter
 Level Line : Kepong_P7_170707 Line 010 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	5						56.9920	CP 5
x	5	1.19640				11.33		
x	1		In	0.71170		20.84		
x	1						57.4767	G7
x	2		In	0.67330		18.18		
x	2						57.5151	G6
x	3		In	0.77190		19.73		
x	3						57.4165	G5
x	4		In	0.29410		19.82		
x	4						57.8943	G3
x	5		In	0.28670		16.46		
x	5						57.9017	G2
x	6		In	0.34220		13.97		
x	6						57.8462	G1
x	7		In	0.26980		5.94		
x	7						57.9186	F3
x	8		In	0.71240		9.68		
x	8						57.4760	F4
x	5				1.19640	11.34		
x	5						56.9920	CP 5

Level Line Memo:

1. Level line start point '5'
2. Level line end point '5'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:09:55
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 011 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	5						56.9920	CP 5
x	5	1.61000				6.20		
x	1		In	1.14780		27.40		
x	1						57.4542	G4
x	2		In	0.68420		3.71		
x	2						57.9178	F1
x	3		In	0.70340		4.17		
x	3						57.8986	F2
x	4		In	1.27120		7.69		
x	4						57.3308	F5
x	5		In	1.21820		7.32		
x	5						57.3838	F6
x	6		In	1.06160		11.02		
x	6						57.5404	F7
x	7		In	0.65700		12.68		
x	7						57.9450	F8
x	8		In	0.57690		16.02		
x	8						58.0251	F9
x	5				1.61000	6.19		
x	5						56.9920	CP 5

Level Line Memo:

1. Level line start point '5'
2. Level line end point '5'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 17/07/2007 at 20:11:36
 Unit : Meter
 Level Line : Kepong_P4_170707 Line 012 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	5						56.9920	CP 5
x	5	1.53060				24.76		
x	1		In	0.59390		13.80		
x	1						57.9286	F10
x	2		In	0.91180		19.88		
x	2						57.6107	F11
x	3		In	0.91220		25.94		
x	3						57.6103	F12
x	4		In	0.91360		19.90		
x	4						57.6089	E12
x	5		In	0.72250		13.88		
x	5						57.8000	E11
x	6		In	0.89660		7.90		
x	6						57.6259	E10
x	7		In	0.54410		9.97		
x	7						57.9784	E9
x	8		In	0.56130		13.01		
x	8						57.9612	E8
x	5				1.53050	24.76		
x	5						56.9920	CP 5

Level Line Memo:

1. Level line start point '5'
2. Level line end point '5'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:23:30
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 014 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	6						57.1838	CP 6A
x	6	1.07370				14.98		
x	1		In	0.63390		19.49		
x	1						57.6236	E7
x	2		In	0.58350		16.72		
x	2						57.6740	E6
x	3		In	0.69330		18.31		
x	3						57.5642	E5
x	4		In	0.21420		19.30		
x	4						58.0433	E3
x	5		In	0.27710		14.49		
x	5						57.9804	E2
x	6		In	0.35800		12.53		
x	6						57.8995	E1
x	7		In	0.18470		6.72		
x	7						58.0728	D3
x	8		In	0.49660		10.67		
x	8						57.7609	D4
x	6				1.07370	14.98		
x	6						57.1838	CP 6A

Level Line Memo:

1. Level line start point '6'
2. Level line end point '6'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:16:43
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 015 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	6						57.1838	CP 6A
x	6	1.02350				9.52		
x	1		In	0.64830		26.46		
x	1						57.5590	E4
x	2		In	0.09660		6.80		
x	2						58.1107	D1
x	3		In	0.12950		7.32		
x	3						58.0778	D2
x	4		In	0.47800		11.15		
x	4						57.7293	D5
x	5		In	0.28670		10.75		
x	5						57.9206	D6
x	6		In	0.37230		14.37		
x	6						57.8350	D7
x	6				1.02340	9.53		
x	6						57.1838	CP 6A

Level Line Memo:

1. Level line start point '6'
2. Level line end point '6'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:18:39
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 016 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	6						57.1838	CP 6A
x	6	1.43160				24.26		
x	1		In	0.71840		18.71		
x	1						57.8971	D8
x	2		In	0.59450		16.88		
x	2						58.0209	D9
x	3		In	0.92120		17.10		
x	3						57.6942	D10
x	4		In	0.81100		23.21		
x	4						57.8045	D11
x	5		In	0.84140		29.27		
x	5						57.7741	D12
x	6		In	0.84970		17.16		
x	6						57.7657	C12
x	7		In	0.86100		11.09		
x	7						57.7544	C11
x	8		In	0.91130		5.15		
x	8						57.7041	C10
x	9		In	0.63670		8.32		
x	9						57.9787	C9
x	10		In	0.63030		11.66		
x	10						57.9851	C8
x	11		In	0.92720		13.38		
x	11						57.6882	C7
x	6				1.43170	24.26		
x	6						57.1838	CP 6A

Level Line Memo:

1. Level line start point '6'
2. Level line end point '6'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:21:07
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 017 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	6						57.1838	CP 6A
x	6	1.11470				46.82		
x	1		In	0.48340		12.82		
x	1						57.8152	C6
x	2		In	0.61420		16.49		
x	2						57.6844	C5
x	3		In	0.21430		10.58		
x	3						58.0843	C1
x	4		In	0.30940		17.45		
x	4						57.9892	B3
x	5		In	0.53250		21.04		
x	5						57.7661	B4
x	6		In	0.49510		19.93		
x	6						57.8035	B5
x	7		In	0.51250		19.75		
x	7						57.7861	B6
x	8		In	0.20560		15.37		
x	8						58.0930	C2 **
x	9		In	0.23510		20.18		
x	9						58.0635	C3 **
x	6				1.11500	46.82		
x	6						57.1838	CP 6A

Level Line Memo:

1. Level line start point '6'
2. Level line end point '6'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:23:00
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 019 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	6						57.1838	CP 6A
x	6	1.71080				60.44		
x	1		In	1.44410		33.81		
x	1						57.4506	C4
x	2		In	0.89820		8.73		
x	2						57.9965	B1
x	3		In	0.88500		13.08		
x	3						58.0097	B2
x	4		In	1.07520		13.68		
x	4						57.8195	B7
x	5		In	0.94070		17.60		
x	5						57.9540	B9
x	6				1.71110	60.44		
x	6						57.1838	CP 6A

Level Line Memo:

1. Level line start point '6'
2. Level line end point '6'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:24:46
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 020 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtd.	Fore	Dist	Height	Comments
x	8						57.0038	CP 8A
x	8	1.60700				38.88		
x	1		In	0.67700		15.05		
x	1						57.9336	B8
x	2		In	0.83330		13.27		
x	2						57.7773	B10
x	3		In	0.73740		19.34		
x	3						57.8732	B11
x	4		In	0.72010		25.48		
x	4						57.8905	B12
x	5		In	0.84970		19.56		
x	5						57.7609	A12
x	6		In	0.71580		13.56		
x	6						57.8948	A11
x	7		In	0.79080		7.67		
x	7						57.8198	A10
x	8		In	0.49890		10.00		
x	8						58.1117	A9
x	9		In	0.50790		13.19		
x	9						58.1027	A8
x	10		In	0.53580		14.97		
x	10						58.0748	A7
x	8				1.60670	38.87		
x	8						57.0038	CP 8A

Level Line Memo:

1. Level line start point '8'
2. Level line end point '8'
3. Detected level loop
4. Checking completed

LevelPak Level Line Report

Project : Kepong_P4b_170707
 Generated : 18/07/2007 at 22:26:06
 Unit : Meter
 Level Line : Kepong_P4_180707 Line 021 (2)
 Heights : Calculated

Active	Pt Name	Back	Tp.	Intmtdt.	Fore	Dist	Height	Comments
x	8						57.0038	CP 8A
x	8	1.58260				20.98		
x	1		In	0.54440		6.76		
x	1						58.0420	A6
x	2		In	0.51420		7.04		
x	2						58.0722	A5
x	3		In	0.51610		10.88		
x	3						58.0703	A4
x	4		In	0.48240		9.30		
x	4						58.1040	A3
x	5		In	0.44230		3.24		
x	5						58.1441	A2
x	6		In	0.47400		3.03		
x	6						58.1124	A1
x	8				1.58260	20.98		
x	8						57.0038	CP 8A

Level Line Memo:

1. Level line start point '8'
2. Level line end point '8'
3. Detected level loop
4. Checking completed