

## ファイナル・レポート (付録)

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## 路線調査

付録-1

Description of Existing Control Point

နိမ့်မြင့်မှတ်တိုင်မှတ်ပုံတင်ပုံစံ

နိမ့်မြင့်လမ်းကြောင်းအမှတ်။ ..... 6. A ..... ။

အမှတ်စဉ်	၇၆၀၉၇		ပြုလုပ်သည့်နေ့စွဲ	၂၀-၅-၇၆
ဌာနအမည်			လတ္တီတွတ်	16-43'-43"
			လောင်ဂျီတွတ်	96-16'-32"
အင်္ဂလိပ်သင်္ချာပုံစံ	မီတာ	ပေ	မြေပုံအမှတ်	94 $\frac{D}{6}$
	၂၃.၈၉၅၈၄ <del>၂၃.၈၉၅၈၄</del>	၇၈.၃၉၆၂၃ ၇၈.၃၉၆	ကောင်းကင် ဝါတ် ပုံအမှတ်	
အမျိုးအစား	Pipe B.M		မြေပြင်	$\frac{အထက်}{အောက်}$ ၆.၈၇

အထူးအညွှန်းမှတ်တမ်းများ။ Pipe B.M. မှတ်တိုင် ၇၆၀၉၇ လို ပုံစံ။ သံချပ်

ကားလမ်းပေါ်တွင် တည်ဆောက်ထားသော အမှတ်တိုင်များကို စီစဉ် ထုတ်ဖော်ပေးရန်အတွက်  
အထောက်အကူပြုရန်အတွက် အထူးအညွှန်းမှတ်တမ်းများကို ထုတ်ဖော်ပေးပါသည်။

ရည်ညွှန်းမှတ်သားသော အမှတ်အသား	အကွာအဝေး	သံလိုက်ညွှန်းဒီဂရီ
B.M. ၅ R.I.T. B.M. No 6. ချပ်	၁၉၄.၈၅	၁၅-၃၀'
" ကံအား မြေပြင် မှတ်တိုင် အမှတ်တိုင် ၆၀၃	၁၀၃ "	၁၇၀-၁၅'
" ဒုတိယအထက် အထောက်အကူအညီ မှတ်တိုင် ချပ်	၁၁၁ "	၂၂၃-၃၀'
လမ်းအလယ်မှတ်တိုင်အသား	မီတာ	အနီးဆုံးမှတ်တိုင်မှ အကွာအဝေး

ပုံကြမ်း။

Registry Form of low/up mark

Low/up mark line number. 6.4

Sr	76097		Date of Implementation	20-5-1976
Name of Department			Latitude	16° 43' 43"
			Longitude	96° 16' 32"
MSL	meter	Feet	Map number	94 D/6
	23.89504	78.39623		
Types	Pipe BM		Ground = Low	6 inches

Special records = Pipe BM no. 76097 was implemented at the retaining wall which is located east of Kyake Gyauk Pagoda, on the Highway of Bago – Thanlyan,

Targeted mark	Distance	Degree (Magnetic)	
From BM to R.I.T BM no.6	194 feet	15° 30'	
From BM to north- west point of Bridge no. 2/5	103 feet	178° 15'	
From BM to south point of retaining wall	11 feet	223° 30'	
Distance from Middle of highway	Meter	Distance from the nearest mark	Mile    Meter

## Description Form of Benchmark

Leveling Line No. 6 A

1.	Number of the BM	76097	
2.	Type of BM	PIPE BM	
3.	Date of Construction	20-5-1976	
4.	Approximate Coordinates (WGS 84)	Lat. (N.) 16° 43' 49.2"	Long. (E.) 96° 19' 17.3"
5.	Height above Mean Sea Level	23.89504 m.	78.39593 ft.
6.	Top mark under ground level	0.15 m.	

7. Location: It was situated in front of the eastern wall of Kyaik-Hkawk Pagoda, Thanhlyin-Kyauktan road.

8. Reference Marks:

No.	Reference Marks	Distance	Magnetic Bearing
8.1.	To RIT BM No. 6	59.13 m	15° 30'
8.2.	To north-west corner of the small bridge no. 2/5	31.39 m	178° 15'
8.3.	To southernmost post of the eastern wall of the pagoda	3.35 m	223° 30'

9. Sketch



10. Leveled by;                    ×

Signature                            ×

Name                                    ×

Designation                        ×

Date

11. Compiled By

Signature

Name                                  Tin Maung Kyaw

Designation                        Senior Surveyor

Date                                    12- 11- 2016

၈၇၀၀၄

နိမ့်မြင့်မှတ်တိုင်မှတ်ပုံတင်ပုံစံ

နိမ့်မြင့်လမ်းကြောင်းအမှတ်။ (၅-က)။

၈၇၀၀၄

အမှတ်စဉ်	၁၉၇၇		ပြုလုပ်သည့်နေ့စွဲ	၂၂.၅.၇၇
ဌာနအမည်	[Faded text]		လတ္တီတွတ်	၁၆° ၄၉' ၃၇"
			လောင်ဂျီတွတ်	၉၆° ၁၂' ၀၀"
ပင်လယ်မျက်နှာပြင်မှအမြင့်	မီတာ	ပေ	မြေပုံအမှတ်	၇၄ ၂/၄
	၄.T.S.B.M. ၈၇၀၀၄ ၂၁.၃၂၄		ကောင်းကင် ဓါတ်ပုံအမှတ်	
အမျိုးအစား	Briek	<del>၄၃၃ ၃၀၈ ၁၇၇၇</del>	မြေပြင်	$\frac{\text{အထက်}}{\text{အောက်}}$ ၁.၈

အထူးအညွှန်းမှတ်တမ်းများ။ Briek ~~၄၃၃~~ ၃၀၈ ၁၇၇၇ ဤ အမှတ် - မှတ်တမ်း မှတ်တမ်း

အထူးအညွှန်းမှတ်တမ်းများ။ ဤ အမှတ် - မှတ်တမ်း မှတ်တမ်း  
 ဤ အမှတ် - မှတ်တမ်း မှတ်တမ်း  
 ဤ အမှတ် - မှတ်တမ်း မှတ်တမ်း

ရည်ညွှန်းမှတ်ထားသော အမှတ်အသား	အက္ခရာအစား	သံလိုက်ညွှန်းဒီဂရီ
B.M. ၅ မြေအမှတ် မှတ်တမ်း မှတ်တမ်း	၄.၅.၁၉၇၇	
ရည်ညွှန်းမှတ်ထားသော အမှတ်အသား	၃၂-၃"	
လမ်းအလယ်မှအကွာအဝေး	မီတာ	အနီးဆုံးမှတ်တိုင်မှအကွာအဝေး
		မိုင်
		မီတာ

ပုံကြမ်း။



**SURVEY DEPARTMENT, MINISTRY OF AGRICULTURE & IRRIGATION  
UNION OF MYANMAR  
DESCRIPTION OF THE GPS-STATION**

Station SD 2		Area: 1696 01 (Survey department)	
WGS 84:	Lat: 16°50'19.92191	Long: 96°09'34.27149	Ell Ht: -21.415m
Transformation parameters		DX: -246.632 m	DY: -784.833 m DZ: -276.923m
Myanmar Datum 2000	Lat: 16°50'15.097555	Long: 96°09'45.400187	Ell Ht: 22.140841m
UTM Grid zone: 47(N)		Projection: Universal Transverse Mercator	
UTM	E: 197658.088123m	N: 1863601.617308m	MSL Ht: 21.380m
False easting	500000.000000	False northing	0.000000
Longitude of central meridian: 99.000000		Ellipsoid: Everest 1830	
Semimajor axis: 6377276.3449999997000		Inverse Flattening: 300.8017000	Scale Factor: 0.999600

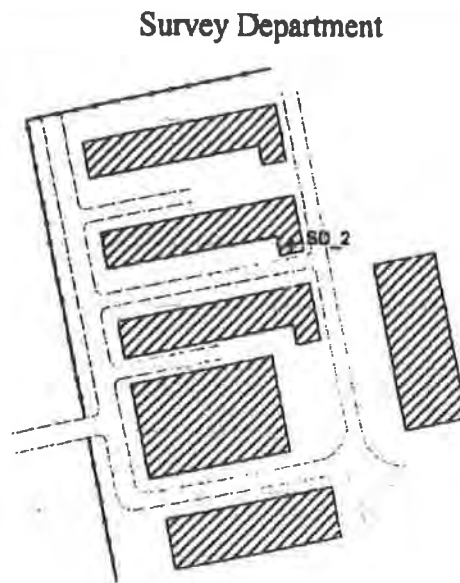
**Description of the station**

This station is located on the roof of the Geodetic and No (2) Survey Division, Survey Department, Yinkin township, Yangon. Center mark is a triangle and a dot engraved on a mark stone on the roof of the office.

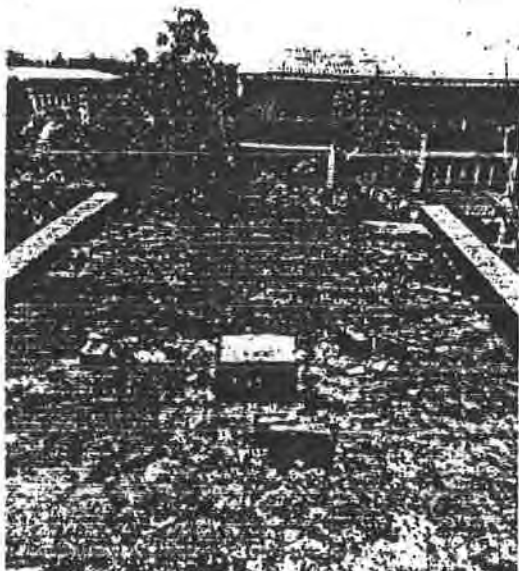
**Map:**



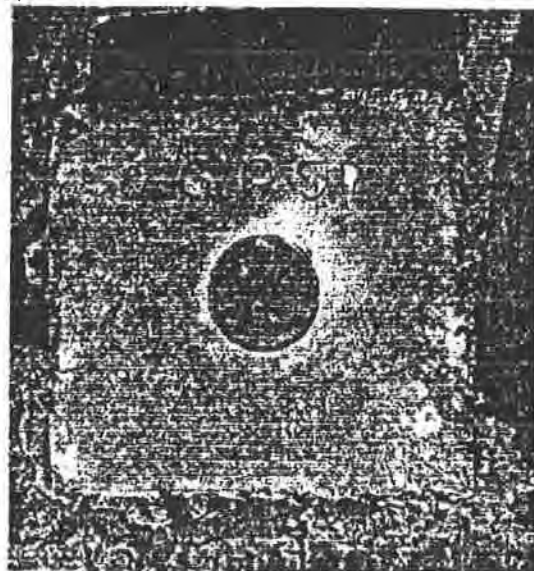
**Sketch:**



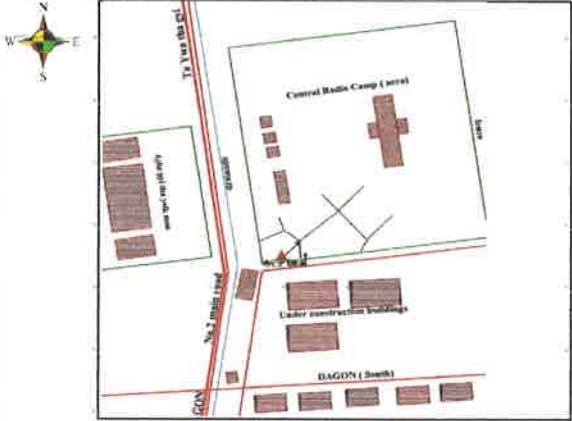

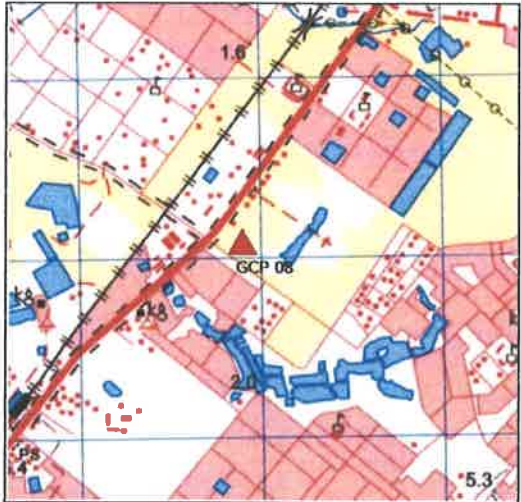

**Photo:**



**Photo:**





Description of Ground Control Point					
Point No.	<b>GCP 08</b>	Project	<b>YCDC Project</b>	Reference map	1696 01
Area	Central Radio Camp, Dagon (S.), Yangon	Geographic Coordinates		Ellipsoidal Height (m)	
		Latitude (N.)	Longitude (E.)	Pillar	Ground
Projection: Zone No: Datum:	<b>UTM</b> <b>47 N</b> <b>WGS 84</b>	<b>16° 52' 18.08611"</b>	<b>96° 13' 33.50324"</b>	<b>-39.629 m</b>	<b>-39.729 m</b>
		UTM Grid Coordinates (m)		Orthometric Height (m)	
		Easting (X)	Northing (Y)	Pillar	Ground
		<b>204426.731</b>	<b>1867438.719</b>	-	-
<b>Location</b>					
It is situated in SW corner of the Central Radio Station compound which is at the East of No.2 Main Road, Dagon (S ), Yangon Region.					
<b>Reference Objects</b>					
No.	Description	Magnetic Bearing		Distance (m)	
1	Field bund Junction	96°		37 m	
2	Electric post	240°		10 m	
3	NW corner of the fence	309°		22 m	
4					
<b>Sketch (not to scale)</b>			<b>Surrounding site Photo</b>		
					
<b>Location of GCP on map</b>			<b>Location of GCP on Satellite Image</b>		
					
Type of pillar	Concrete pillar with centering mark	Dimension (l×w×h) (cm)	(15 × 15 × 60) (cm)		
Constructed by;	U koko	Computed & compiled by;	U KoLatt		
Signature & Date		Signature & Date			
Observed by;	U KoKo	Checked by;			
Signature & Date		Signature & Date			

路線調査

付録-2

Primary Control Point Result

Primary Control Point

STATION	GEODETTIC WGS84								UTM ZONE47N		ELEVATION Above MSL		
	Northing(DMS)				Easting(DMS)				Northing(DD.dddd)	Easting(DD.dddd)		EAST	NORTH
GPS01	16	46	45.42484	N	96	14	26.13589	E	16.77928468	96.24059330	205842.773	1857184.685	5.698
GPS011	16	46	47.66305	N	96	14	23.31533	E	16.77990640	96.23980981	205760.156	1857254.692	5.543
GPS02	16	47	1.73310	N	96	14	8.31563	E	16.78381475	96.23564323	205321.737	1857693.657	4.426
GPS021	16	46	58.21310	N	96	14	11.36158	E	16.78283697	96.23648933	205410.480	1857584.129	4.262
GPS03	16	47	46.71045	N	96	13	41.13763	E	16.79630846	96.22809379	204535.795	1859088.346	4.115
GPS031	16	47	49.67794	N	96	13	38.33112	E	16.79713276	96.22731420	204453.920	1859180.786	3.874
GPS04	16	48	2.98474	N	96	13	32.09699	E	16.80082909	96.2255825	204274.946	1859592.673	5.344
GPS041	16	47	59.15196	N	96	13	29.82522	E	16.79976443	96.22495145	204205.987	1859475.724	5.066
GPS05	16	48	24.60363	N	96	13	6.34695	E	16.80683434	96.21842971	203521.369	1860268.348	4.914
GPS051	16	48	24.67682	N	96	13	4.21657	E	16.80685467	96.21783794	203458.284	1860271.486	5.105

路線調査

付録-3

GPS Loop Closure

**LOOP CLOSURE**

NO	ROOP	NO	Length (m)	ΔX (m)	ΔY (m)	ΔZ (m)	PPM	REMARKS
1	CP01-GCP01-GCP08	1	21,630.841	0.033	-0.076	-0.022	3.943	GPS08:Existing
		2	21,630.835	0.027	-0.069	-0.028	3.680	CP01:
		3	21,630.830	0.021	-0.072	-0.020	3.583	
		4	21,630.824	0.007	-0.004	0.000	0.370	
		Max	21,630.841	0.033	-0.004	0.000	3.943	
		Min	21,630.824	0.007	-0.076	-0.028	0.370	
		Diff	0.017	0.026	0.072	0.028	3.573	
2	CP01-SUR02-GCP01	1	21,928.679	0.034	-0.103	-0.037	5.216	SUR02:Existing
		2	21,928.673	0.028	-0.097	-0.043	4.982	
		3	21,928.668	0.022	-0.099	-0.034	4.887	
		4	21,928.661	0.008	-0.031	-0.015	1.606	
		Max	21,928.679	0.034	-0.031	-0.015	5.216	
		Min	21,928.661	0.008	-0.103	-0.043	1.606	
		Diff	0.018	0.026	0.072	0.028	3.610	
3	CP01-GCP51-GCP01	1	8,192.845	0.019	0.028	0.002	4.126	
		2	8,192.839	0.013	0.034	-0.004	4.517	
		3	8,192.843	0.017	0.012	-0.003	2.563	
		4	8,192.838	0.011	0.018	-0.009	2.820	
		5	8,192.825	-0.020	0.068	0.026	9.170	
		6	8,192.834	0.007	0.032	0.005	4.034	
		7	8,192.826	-0.018	0.084	0.031	11.178	
		8	8,192.844	0.007	0.012	0.009	2.053	
		9	8,192.833	0.006	0.015	-0.001	2.010	
		10	8,192.832	-0.006	0.000	0.006	1.025	
		11	8,192.843	0.006	-0.004	0.004	0.991	
		12	8,192.827	-0.007	0.100	0.024	12.591	
		13	8,192.833	-0.004	0.016	0.011	2.462	
		14	8,192.826	-0.008	0.084	0.019	10.510	
		15	8,192.838	0.002	0.019	0.003	2.314	
		16	8,192.837	0.000	0.002	-0.002	0.360	
		Max	8,192.845	0.019	0.100	0.031	12.591	
Min	8,192.825	-0.020	-0.004	-0.009	0.360			
Diff	0.020	0.039	0.104	0.040	12.231			
4	CP01-GCP31-GCP01	1	5,473.814	-0.036	0.137	0.043	27.041	
		2	5,473.821	-0.022	0.069	0.023	13.884	
		3	5,473.826	-0.016	0.071	0.015	13.646	
		4	5,473.831	-0.011	0.065	0.021	12.618	
		Max	5,473.831	-0.011	0.137	0.043	27.041	
		Min	5,473.814	-0.036	0.065	0.015	12.618	
		Diff	0.017	0.025	0.072	0.028	14.423	
5	GCP51-GCP04-GCP01	1	7,745.481	-0.012	-0.022	0.009	3.479	
		2	7,745.480	-0.001	-0.006	0.003	0.899	
		Max	7,745.481	-0.001	-0.006	0.009	3.479	
		Min	7,745.480	-0.012	-0.022	0.003	0.899	
		Diff	0.001	-0.011	-0.016	0.006	2.580	
6	CP01-GCP05-GCP01	1	8,259.945	0.026	-0.045	-0.016	6.537	
		2	8,259.940	0.020	-0.039	-0.022	5.865	
		3	8,259.935	0.014	-0.041	-0.013	5.488	
		4	8,259.928	0.000	0.027	0.007	3.368	
		Max	8,259.945	0.026	0.027	0.007	6.537	
		Min	8,259.928	0.000	-0.045	-0.022	3.368	
		Diff	0.017	0.026	0.072	0.029	3.169	
7	CP01-GCP03-GCP01	1	5,251.468	-0.033	0.120	0.037	24.713	
		2	5,251.475	-0.019	0.052	0.018	11.025	
		3	5,251.480	-0.013	0.054	0.009	10.774	
		4	5,251.486	-0.008	0.048	0.015	9.666	
		Max	5,251.486	-0.008	0.120	0.037	24.713	
		Min	5,251.468	-0.033	0.048	0.009	9.666	
		Diff	0.018	0.025	0.072	0.028	15.047	
8	GCP21-GCP51-GCP01	1	7,730.844	0.011	0.025	-0.008	3.675	
		2	7,730.844	-0.001	0.009	-0.001	1.215	
		Max	7,730.844	0.011	0.025	-0.001	3.675	
		Min	7,730.844	-0.001	0.009	-0.008	1.215	
		Diff	0.000	0.012	0.016	-0.007	2.460	
9	CP01-GCP41-GCP01	1	6,189.415	-0.032	0.113	0.036	19.813	
		2	6,189.422	-0.018	0.045	0.016	8.210	
		3	6,189.427	-0.012	0.047	0.008	7.987	
		4	6,189.433	-0.006	0.041	0.013	7.048	
		Max	6,189.433	-0.006	0.113	0.036	19.813	
		Min	6,189.415	-0.032	0.041	0.008	7.048	
		Diff	0.018	0.026	0.072	0.028	12.765	
10	CP01-GCP05-GCP08	1	20,496.482	-0.003	-0.029	-0.027	1.937	
		Max						
		Min						
		Diff						

**LOOP CLOSURE**

NO	ROOP	NO	Length (m)	$\Delta X$ (m)	$\Delta Y$ (m)	$\Delta Z$ (m)	PPM	REMARKS
11	CP01-GCP02-GCP01	1	2,662.128	0.015	0.002	-0.004	5.964	
		2	2,662.122	0.010	0.008	-0.010	5.992	
		3	2,662.117	0.004	0.006	-0.001	2.626	
		4	2,662.110	-0.010	0.074	0.018	28.839	
		Max	2,662.128	0.015	0.074	0.018	28.839	
		Min	2,662.110	-0.010	0.002	-0.010	2.626	
		Diff	0.018	0.025	0.072	0.028	26.213	
12	GCP05-SUR02-GCP01	1	21,925.742	0.004	-0.060	-0.034	3.132	
		Max						
		Min						
		Diff						
13	CP01-GCP21-GCP01	1	2,560.509	-0.020	0.066	0.029	29.067	
		2	2,560.515	-0.006	-0.002	0.009	4.281	
		3	2,560.526	0.005	-0.006	0.006	3.998	
		4	2,560.521	0.000	0.000	0.001	0.216	
		Max	2,560.526	0.005	0.066	0.029	29.067	
		Min	2,560.509	-0.020	-0.006	0.001	0.216	
		Diff	0.017	0.025	0.072	0.028	28.851	
14	CP01-GCP11-GCP01	1	2,393.453	0.014	0.006	-0.001	6.492	
		2	2,393.447	0.009	0.012	-0.007	6.934	
		3	2,393.442	0.003	0.010	0.001	4.339	
		4	2,393.435	-0.011	0.078	0.021	34.089	
		Max	2,393.453	0.014	0.078	0.021	34.089	
		Min	2,393.435	-0.011	0.006	-0.007	4.339	
		Diff	0.018	0.025	0.072	0.028	29.750	
15	GCP05-GCP08-GCP01	1	21,473.047	0.004	-0.060	-0.034	3.199	
		Max	21,473.047	0.025	0.078	0.028	34.089	
		Min	0.018	-0.011	-0.060	-0.034	3.199	
		Diff	21,473.029	0.036	0.138	0.062	30.890	
16	CP01-GCP04-GCP01	1	6,348.871	-0.021	0.070	0.028	12.345	
		2	6,348.878	-0.007	0.002	0.009	1.777	
		3	6,348.889	0.005	-0.002	0.006	1.210	
		4	6,348.883	-0.001	0.004	0.000	0.714	
		Max	6,348.889	0.005	0.070	0.028	12.345	
		Min	6,348.871	-0.021	-0.002	0.000	0.714	
		Diff	0.018	0.026	0.072	0.028	11.631	
17	GCP51-GCP11-GCP01	1	7,722.451	0.008	0.026	-0.001	3.547	
		2	7,722.452	-0.003	0.010	0.006	1.587	
		Max	7,722.452	0.008	0.026	0.006	3.547	
		Min	7,722.451	-0.003	0.010	-0.001	1.587	
		Diff	-0.001	0.011	0.016	-0.007	1.960	
18	CP01-GCP05-SUR02	1	20,195.330	-0.005	-0.002	-0.013	0.669	
		Max						
		Min						
		Diff						
19	GCP51-GCP02-GCP01	1	7,730.008	0.010	-0.008	-0.011	2.240	
		2	7,730.009	-0.001	-0.024	-0.005	3.176	
		Max	7,730.009	0.010	-0.008	-0.005	3.176	
		Min	7,730.008	-0.001	-0.024	-0.011	2.240	
		Diff	-0.001	0.011	0.016	-0.006	-0.936	
20	CP01-SUR02-GCP08	1	27,926.512	0.001	-0.028	-0.014	1.132	
		Max						
		Min						
		Diff						
21	CP01-GCP51-GCP11	1	7,997.888	0.001	0.032	0.009	4.203	
		2	7,997.887	0.000	0.016	0.004	2.041	
		Max	7,997.888	0.001	0.032	0.009	4.203	
		Min	7,997.887	0.000	0.016	0.004	2.041	
		Diff	0.001	0.001	0.016	0.005	2.162	
22	CP01-GCP51-GCP04	1	6,446.019	0.002	0.008	0.005	1.494	
		2	6,446.017	0.001	-0.009	0.000	1.357	
		Max	6,446.019	0.002	0.008	0.005	1.494	
		Min	6,446.017	0.001	-0.009	0.000	1.357	
		Diff	0.002	0.001	0.017	0.005	0.137	
23	CP01-GCP21-GCP51	1	7,212.733	-0.002	-0.009	-0.003	1.394	
		2	7,212.732	-0.001	0.007	0.002	1.056	
		Max	7,212.733	-0.001	0.007	0.002	1.394	
		Min	7,212.732	-0.002	-0.009	-0.003	1.056	
		Diff	0.001	-0.001	-0.016	-0.005	0.338	
24	GCP51-GCP02-GCP11	1	7,516.468	0.000	-0.029	-0.007	3.990	
		Max						
		Min						
		Diff						

**LOOP CLOSURE**

NO	ROOP	NO	Length (m)	$\Delta X$ (m)	$\Delta Y$ (m)	$\Delta Z$ (m)	PPM	REMARKS
25	CP01-GCP51-GCP02	1	7,033.913	0.002	0.002	0.001	0.473	
		2	7,033.911	0.001	-0.014	-0.004	2.118	
		Max	7,033.913	0.002	0.002	0.001	2.118	
		Min	7,033.911	0.001	-0.014	-0.004	0.473	
		Diff	0.002	0.001	0.016	0.005	-1.645	
26	CP01-GCP03-GCP41	1	4,450.253	-0.003	0.014	0.005	3.429	
		Max						
		Min						
		Diff						
27	GCP31-GCP41-GCP01	1	5,632.808	0.003	-0.009	-0.002	1.746	
		Max						
		Min						
		Diff						
28	GCP02-GCP11-GCP01	1	1,457.114	-0.001	0.005	0.003	4.341	
		Max	$\Delta 3D = 0.006$					
		Min						
		Diff						
29	GCP21-GCP51-GCP04	1	6,601.860	0.001	-0.007	-0.001	1.071	
		Max	$\Delta 3D = 0.007$					
		Min						
		Diff						
30	GCP03-GCP41-GCP01	1	5,633.663	-0.001	0.007	0.004	1.452	
		Max						
		Min						
		Diff						
31	GCP31-GCP03-GCP01	1	4,864.432	0.003	-0.015	-0.005	3.244	
		Max						
		Min						
		Diff						
32	GCP21-GCP04-GCP01	1	5,769.388	-0.002	0.010	0.002	1.788	
		Max						
		Min						
		Diff						
33	GCP31-GCP03-GCP41	1	1,017.584	-0.001	0.002	0.001	2.234	
		Max						
		Min						
		Diff						
34	SUR02-GCP08-GCP01	1	29,176.484	0.000	-0.001	0.001	0.049	
		Max						
		Min						
		Diff						
35	GCP05-SUR02-GCP08	1	22,339.164	-0.001	-0.001	0.000	0.059	
		Max						
		Min						
		Diff						
36	CP01-GCP31-GCP41	1	4,426.552	-0.002	0.015	0.005	3.551	
		Max						
		Min						
		Diff						
37	CP01-GCP21-GCP04	1	5,380.110	-0.001	0.006	0.002	1.154	
		Max						
		Min						
		Diff						
38	CP01-GCP31-GCP03	1	3,733.298	0.000	0.002	0.001	0.685	
		Max						
		Min						
		Diff						
39	CP01-GCP02-GCP11	1	2,464.750	0.000	0.001	0.000	0.508	
		Max						
		Min						
		Diff						

路線調査

付録-4

GPS Net Adjustment Result



## Adjusted ECEF Coordinates

WGS84 ECEF

STATION	X	Y	Z	X Error	Y Error	Z Error	3D Error	Constraint
CP01	-662813.358	6072141.992	1829579.940	0.009	0.042	0.016	0.046	
GCP01	-663990.120	6072054.294	1829449.031	0.010	0.042	0.016	0.046	
GCP02	-663449.353	6071966.420	1829929.045	0.010	0.045	0.017	0.049	
GCP03	-662605.347	6071656.193	1831253.517	0.010	0.047	0.017	0.051	
GCP04	-662323.483	6071542.683	1831733.184	0.010	0.051	0.018	0.055	
GCP05	-661481.309	6071440.062	1832371.899	0.008	0.045	0.016	0.048	
GCP11	-663904.870	6072043.434	1829514.930	0.010	0.045	0.017	0.050	
GCP21	-663542.460	6071987.556	1829825.334	0.010	0.045	0.017	0.049	
GCP31	-662519.805	6071638.781	1831340.852	0.010	0.047	0.017	0.051	
GCP41	-662260.220	6071583.502	1831620.199	0.010	0.049	0.017	0.052	
GCP51	-661544.101	6071433.709	1832369.702	0.009	0.048	0.017	0.051	
SUR02	-655193.571	6071105.970	1835766.776	Fixed	Fixed	Fixed	Fixed	LLh
GCP08	-662118.453	6069277.604	1839237.916	Fixed	Fixed	Fixed	Fixed	LLh

**SD= ±0.051m**

路線調査

付録-5

Secondary Control Point Result

Primary Control Point

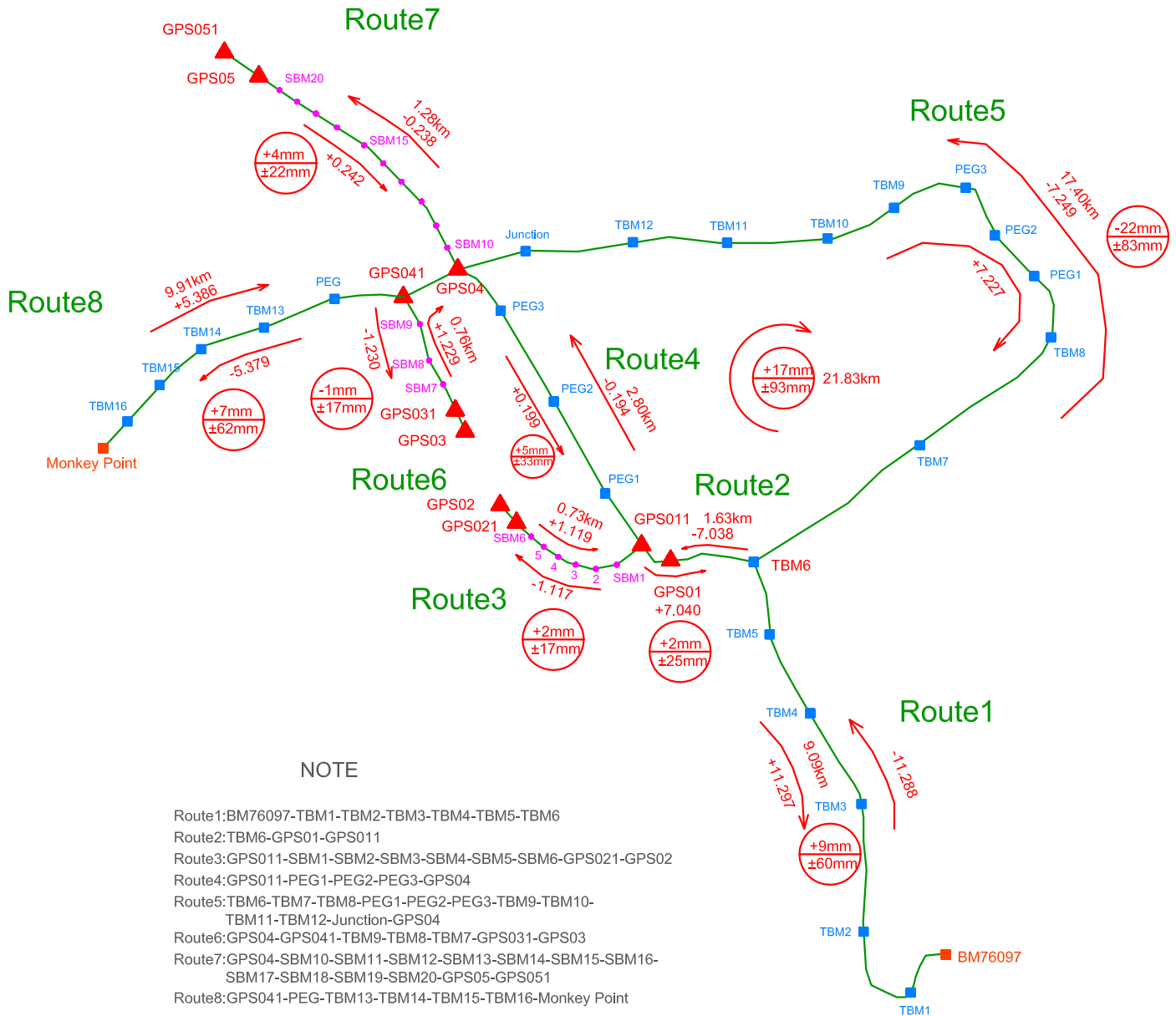
STATION	GEODETC								UTM ZONE47N		ELEVATION	REMARKS		
	Northing(DMS)				Easting(DMS)				Northing(DD.dddd)	Easting(DD.dddd)			EAST	NORTH
SBM-1	16	46	47.35511	N	96	14	21.61608	E	16.77982086	96.23933780	205,709.674	1,857,245.921	4.664	
SBM-2	16	46	48.95431	N	96	14	19.52700	E	16.78026509	96.23875750	205,648.458	1,857,295.972	3.968	
SBM-3	16	46	51.59371	N	96	14	17.43543	E	16.78099825	96.23817651	205,587.614	1,857,378.019	4.452	
SBM-4	16	46	52.98042	N	96	14	16.21884	E	16.78138345	96.23783857	205,552.160	1,857,421.174	4.242	
SBM-5	16	46	54.48020	N	96	14	14.65647	E	16.78180006	96.23740458	205,506.509	1,857,467.950	4.582	
SBM-6	16	46	56.49353	N	96	14	13.03845	E	16.78235931	96.23695513	205,459.429	1,857,530.545	4.476	
SBM-7	16	47	51.54021	N	96	13	37.30862	E	16.79765006	96.22703017	204,424.427	1,859,238.491	4.324	
SBM-8	16	47	56.30692	N	96	13	34.02803	E	16.79897414	96.22611890	204,329.282	1,859,386.470	4.361	
SBM-9	16	48	0.86229	N	96	13	31.42905	E	16.80023953	96.22539696	204,254.242	1,859,527.666	4.472	
SBM-10	16	48	5.23242	N	96	13	31.54232	E	16.80145345	96.22542842	204,259.481	1,859,662.039	5.476	
SBM-11	16	48	6.54561	N	96	13	29.36277	E	16.80181823	96.22482299	204,195.472	1,859,703.336	4.441	
SBM-12	16	48	8.63688	N	96	13	27.94890	E	16.80239913	96.22443025	204,154.484	1,859,768.248	4.809	
SBM-13	16	48	10.48150	N	96	13	25.67421	E	16.80291153	96.22379839	204,087.886	1,859,825.931	4.820	
SBM-14	16	48	11.75617	N	96	13	23.00795	E	16.80326560	96.22305776	204,009.411	1,859,866.246	4.668	
SBM-15	16	48	15.26321	N	96	13	19.84692	E	16.80423978	96.22217970	203,917.301	1,859,975.432	4.711	
SBM-16	16	48	17.01076	N	96	13	17.70500	E	16.80472521	96.22158472	203,854.596	1,860,030.075	4.662	
SBM-17	16	48	18.44514	N	96	13	15.36211	E	16.80512365	96.22093392	203,785.802	1,860,075.169	5.150	
SBM-18	16	48	20.50820	N	96	13	12.17703	E	16.80569672	96.22004918	203,692.328	1,860,139.951	4.536	
SBM-19	16	48	21.98804	N	96	13	11.68714	E	16.80610779	96.21991309	203,678.453	1,860,185.673	4.496	
SBM-20	16	48	22.87761	N	96	13	8.85857	E	16.80635489	96.21912738	203,595.035	1,860,214.212	4.526	

路線調査

付録-6

Leveling Route Map

# QUALITY CONTROL



## NOTE

- Route1:BM76097-TBM1-TBM2-TBM3-TBM4-TBM5-TBM6
- Route2:TBM6-GPS01-GPS011
- Route3:GPS011-SBM1-SBM2-SBM3-SBM4-SBM5-SBM6-GPS021-GPS02
- Route4:GPS011-PEG1-PEG2-PEG3-GPS04
- Route5:TBM6-TBM7-TBM8-PEG1-PEG2-PEG3-TBM9-TBM10-TBM11-TBM12-Junction-GPS04
- Route6:GPS04-GPS041-TBM9-TBM8-TBM7-GPS031-GPS03
- Route7:GPS04-SBM10-SBM11-SBM12-SBM13-SBM14-SBM15-SBM16-SBM17-SBM18-SBM19-SBM20-GPS05-GPS051
- Route8:GPS041-PEG-TBM13-TBM14-TBM15-TBM16-Monkey Point

## QUALITY CONTROL

Route	From	TO	Distance (Km)	Forward (m)	Backward (m)	Difference (mm)	Limit (mm)	Mean	Remarks
1	BM76097	TBM6	9.09	-11.288	11.297	9 ± 60	-11.293	-11.293	BM76097-TBM1-TBM2-TBM3-TBM4-TBM5-TBM6
2	TBM6	GPS011	1.63	-7.038	7.040	2 ± 25	-7.039	-7.039	TBM6-GPS01-GPS011
3	GPS011	GPS02	0.73	-1.117	1.119	2 ± 17	-1.118	-1.118	GPS011-SBM1-SBM2-SBM3-SBM4-SBM5-SBM6-GPS021-GPS02
4	GPS011	GPS04	2.80	-0.194	0.199	5 ± 33	-0.197	-0.197	GPS011-PEG1-PEG2-PEG3-GPS04
5	TBM6	GPS04	17.40	-7.249	7.227	-22 ± 83	-7.238	-7.238	TBM6-TBM7-TBM8-PEG1-PEG2-PEG3-TBM9-TBM10-TBM11-TBM12-Junction-GPS04
6	GPS04	GPS03	0.76	-1.230	1.229	-1 ± 17	-1.230	-1.230	GPS04-GPS041-TBM9-TBM8-TBM7-GPS031-GPS03
7	GPS04	GPS051	1.28	-0.238	0.242	4 ± 22	-0.240	-0.240	GPS04-SBM10-SBM11-SBM12-SBM13-SBM14-SBM15-SBM16-SBM17-SBM18-SBM19-SBM20-GPS05-GPS051
8	Monkey	GPS041	9.91	5.386	-5.379	7 ± 62	5.383	5.383	Monkey Point-TBM16-TBM15-TBM14-TBM13-GPS041

路線調査

付録-7

Leveling Quality Control

QUALITY CONTROL

Route	From	TO	Distance (Km)	Forward (m)	Backward (m)	Difference (mm)	Limit (mm)	Mean	Remarks
1	BM76097	TBM6	9.09	-11.288	11.297	9 ±	60	-11.293	BM76097-TBM1-TBM2-TBM3-TBM4-TBM5-TBM6
2	TBM6	GPS011	1.63	-7.038	7.040	2 ±	25	-7.039	TBM6-GPS01-GPS011
3	GPS011	GPS02	0.73	-1.117	1.119	2 ±	17	-1.118	GPS011-SBM1-SBM2-SBM3-SBM4-SBM5-SBM6-GPS021-GPS02
4	GPS011	GPS04	2.80	-0.194	0.199	5 ±	33	-0.197	GPS011-PEG1-PEG2-PEG3-GPS04
5	TBM6	GPS04	17.40	-7.249	7.227	-22 ±	83	-7.238	TBM6-TBM7-TBM8-PEG1-PEG2-PEG3-TBM9-TBM10-TBM11-TBM12-Junction-GPS04
6	GPS04	GPS03	0.76	-1.230	1.229	-1 ±	17	-1.230	GPS04-GPS041-TBM9-TBM8-TBM7-GPS031-GPS03
7	GPS04	GPS051	1.28	-0.238	0.242	4 ±	22	-0.240	GPS04-SBM10-SBM11-SBM12-SBM13-SBM14-SBM15-SBM16-SBM17-SBM18-SBM19-SBM20-GPS05-GPS051
8	Monkey	GPS041	9.91	5.386	-5.379	7 ±	62	5.383	Monkey Point-TBM16-TBM15-TBM14-TBM13-

路線調査

付録-8

Leveling Observation Data



Leveling Field Data

Route1

STA	Forward I	Distance	STA	Backward II	Distance	Difference	Remarks
BM76097-PEG1	1.148	1241	PEG1-BM76097	-1.148	498	0.000	From BM76097 to TBM6 I:-11.288 II: +11.297 Error: +9mm Limit: ±60
PEG1-TBM1	-3.523	446	TBM1-PEG1	3.520	448	-0.003	
TBM1-PEG2	-15.380	489	PEG2-TBM1	15.380	490	0.000	
PEG2-TBM2	7.320	715	TBM2-PEG2	-7.318	717	0.002	
TBM2-PEG3	-4.779	794	TBM3-TBM2	-0.282	1631	0.003	
PEG3-TBM3	5.064	855					
TBM3-PEG4	2.285	468	PEG5-TBM3	-12.087	884	0.002	
PEG4-PEG5	9.804	362					
PEG5-TBM4	-1.906	711	TBM4-PEG5	1.905	720	-0.001	
PEG4-PEG6	-2.634	641	PEG6-TBM4	2.636	643	0.002	
PEG6-TBM5	0.245	1038	TBM5-PEG6	-0.245	1037	0.000	
TBM5-PEG7	-9.711	818	PEG7-TBM5	9.713	818	0.002	
PEG7-TBM6	0.779	859	TBM6-PEG7	-0.777	864	0.002	
	I= -11.288	9.44		II= 11.297	II= 8.75		
				I= -11.288	I= 9.44		
			Mean	-11.293	Mean 9.09	0.009	

Route2

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
TBM6-GPS01	-6.884	685	GPS01-TBM6	6.885	685	0.001	From TBM6 to GPS011 I:-7.038 II: +7.040 Error: +2 mm Limit: ±25
GPS01-GPS011	-0.154	109	GPS011-GPS01	0.155	153	0.001	
	I= -7.038	794		II= 7.040	II= 838		
				I= -7.038	I= 794		
			Mean	-7.039	Mean 1.63	0.002	

Route3

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
GPS011-SBM1	-0.879	51	SBM1-GPS011	0.880	51	0.001	From GPS011 to GPS02 I:-1.117 II: +1.119 Error: +2 mm Limit: ±17
SBM1-SBM2	-0.696	90	SBM2-SBM1	0.695	88	-0.001	
SBM2-SBM3	0.484	117	SBM3-SBM2	-0.484	111	0.000	
SBM3-SBM4	-0.210	56	SBM4-SBM3	0.211	56	0.001	
SBM4-SBM5	0.339	127	SBM5-SBM4	-0.338	97	0.001	
SBM5-SBM6	-0.106	79	SBM6-SBM5	0.105	79	-0.001	
SBM6-GPS021	-0.214	73	GPS021-SBM6	0.215	73	0.001	
GPS021-GPS02	0.165	154	GPS02-GPS021	-0.165	161	0.000	
	I= -1.117	745		II= 1.119	II= 715		
				I= -1.117	I= 745		
			Mean	-1.118	Mean 0.73	0.002	

Route4

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
GPS011-PEG1	9.721	544	PEG1-GPS011	-9.721	542	0.000	From GPS011 to GPS04 I:-0.194 II: +0.199 Error: +5 mm Limit: ±33
PEG1-PEG2	0.490	842	PEG2-PEG1	-0.490	653	0.000	
PEG2-PEG3	-2.847	941	PEG3-PEG2	2.852	1129	0.005	
PEG3-GPS04	-7.558	475	GPS04-PEG3	7.558	476	0.000	
	I= -0.194	2802		II= 0.199	II= 2800		
				I= -0.194	I= 2802		
			Mean	-0.197	Mean 2.80	0.005	

Route5

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
TBM6-PEG1	-8.476	1255	PEG1-TBM6	8.473	1326	-0.003	From TBM6 to GPS04 I:-7.249 II: +7.227 Error: -22 mm Limit: ±83
PEG1-PEG2	-0.241	1092	TBM2-PEG1	0.237	1095	-0.004	
PEG2-TBM7	1.110	1399	TBM7-PEG2	-1.106	1394	0.004	
TBM7-TBM8	-0.258	3100	TBM8-TBM7	0.251	3135	-0.007	
TBM8-PEG1	4.518	486	PEG1-TBM8	-4.509	489	0.009	
PEG1-PEG2	2.968	508	PEG2-PEG1	-2.973	510	-0.005	
PEG2-PEG3	-8.076	1089	PEG3-PEG2	8.072	1087	-0.004	
PEG3-PEG1	-0.318	1204	PEG1-PEG3	0.319	1196	0.001	
PEG1-TBM9	-0.322	360	TBM9-PEG1	0.321	354	-0.001	
TBM9-PEG2	1.317	1521	PEG2-TBM9	-1.317	1537	0.000	
PEG2-TBM10	-0.386	328	TBM10-PEG2	0.385	328	-0.001	
TBM10-PEG4	-0.050	1171	PEG4-TBM10	0.050	1199	0.000	
PEG4-TBM11	-0.136	433	TBM11-PEG4	0.134	402	-0.002	
TBM11-TBM12	0.420	1697	TBM12-TBM11	-0.425	1677	-0.005	
TBM12-PEG5	-0.803	1060	PEG5-TBM12	0.802	1054	-0.001	
PEG5-JUNCTION	1.485	474	JUN-PEG5	-1.488	472	-0.003	
JUNCTION-GPS04	-0.001	184	GPS04-JUNCTION	0.001	184	0.000	
	I= -7.249	17361		II= 7.227	II= 17439		
				I= -7.249	I= 17361		
			Mean	-7.238	Mean 17.40	-0.022	

Leveling Field Data

Route6

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
GPS04-GPS041	-0.279	139	GPS03-GPS04	1.229	755	-0.001	From GPS04 to GPS03 I: -1.266 II: +1.229 Error: -1 mm Limit: ±17
GPS041-SBM9	-0.594	80					
SBM9-SBM8	-0.111	163					
SBM8-SBM7	-0.036	177					
SBM7-GPS031	-0.451	64					
GPS031-GPS03	0.241	135					
	I= -1.230	758		II= 1.229	II= 755		
				I= -1.230	I= 758		
				Mean -1.230	Mean 0.76	-0.001	

Route7

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
GPS04-SBM10	0.132	74	GPS051-GPS04	0.242	1330	0.004	From GPS04 to GPS051 I: -0.238 II: +0.242 Error: +4 mm Limit: ±22
SBM10-SBM11	-1.035	80					
SBM11-SBM12	0.368	78					
SBM12-SBM13	0.011	88					
SBM13-SBM14	-0.152	90					
SBM14-SBM15	0.043	145					
SBM15-SBM16	-0.049	83					
SBM16-SBM17	0.488	83					
SBM17-SBM18	-0.613	197					
SBM18-SBM19	-0.040	51					
SBM19-SBM20	0.030	95					
SBM20-GPS05	0.388	91					
GPS05-GPS051	0.191	65					
	I= -0.238	1220					
				I= -0.238	I= 1220		
				Mean -0.240	Mean 1.28	0.004	

Route8

STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
Monkey Point-PEG2	4.078	600	PEG1-Monkey	-3.870	276	0.000	From Monkey Point to GPS04 I: +5.386 II: -5.379 Error: +7 mm Limit: ±62
			PEG2-PEG1	-0.208	326		
PEG2-TBM16	0.535	703	TBM16-PEG2	-0.534	703	0.001	
TBM16-PEG	0.101	987	PEG-TBM16	-0.102	973	-0.001	
PEG-PEG	15.370	881	TBM15-PEG	0.321	1388	-0.001	
PEG-TBM15	-15.692	507	TBM14-TBM15	-0.482	1181	0.001	
TBM15-TBM14	0.483	1181	TBM13-TBM14	-0.393	1434	0.005	
TBM14-PEG	-0.234	1115	PEG-TBM13	0.714	1618	0.003	
PEG-TBM13	0.632	325	PEG-PEG	-0.591	1092	0.002	
TBM13-PEG	-0.909	727	GPS041-PEG	-0.234	903	-0.003	
PEG-PEG	0.198	895					
PEG-PEG	0.593	1092					
PEG-PEG	-0.271	629					
PEG-GPS041	0.502	275					
	I= 5.386	9917		II= -5.379	II= 9894		
				I= 5.386	I= 9917		
				Mean 5.383	Mean 9.91	0.007	

Check Survey














STA	Forward	Distance	STA	Backward	Distance	Difference	Remarks
GPS04-CBM1	-0.318	32					
CBM1-CBM2	-0.003	33					
SBM13-CBM3	0.317	19					
CBM3-CBM4	-0.023	78					
SBM17-CBM5-CBM6	-0.294	48					















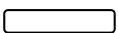



路線調査







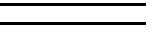









付録-9













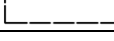





Map Symbol and its application manner

### MAP SYMBOL AND LAYER FROM FS TOPOMAP

	Layer Name	Map Symbol	Point Data		Line Data	Polygon Data	Text Data	Remarks
			Point	Block				
1	Alignment			○				Linetype Scale 3
2	Alignment-Line				○			
3	Alignment-Text						○	
4	Annotation						○	Road, River, School, Pagoda, Building etc.
5	Bench Mark			○				
6	Bench Mark Text						○	
7	Bore Hole			○				
8	Boundary				○			Linetype Scale 10
9	Bridge				○			Weighting Scale
10	Building					○		with Annotation
11	C Index Contour				○			2.5m Interval and Continuous Line
12	C Main Contour				○			0.5m Interval and Continuous Line
13	Contour Labal	2					○	on the Contour Line
14	Control Point (GPS)			○				
15	Control Point (GPS) Text	GPS 01					○	Text height 2m
16	Control Point			○				
17	Control Point Text						○	Text height 1.5m
18	Creek				○			Should be closed
19	Culvert				○			Actual Size
20	Drain				○			
21	Drawing Grid				○			

	Layer Name	Map Symbol	Point Data		Line Data	Polygon Data	Text Data	Remarks
			Point	Block				
22	DTM-Bridge							
23	DTM-Natural-Surface							
24	Electric Box					○		Actual Size
25	Electric Post			○				
26	Electric post with Lamp			○				NEW
27	Electric Support Column			○				NEW
28	Electric Post (High Voltage)			○				
29	Fence				○			
30	Flower Box					○		Actual Size
31	Footing					○		
32	Foreshore				○			
33	Gate			○				
34	Hydrant			○				
35	Jetty					○		Actual Size
36	Lamp Post			○				
37	Legend							
38	Manhole					○		Actual Size
39	Median Strip					○		Actual Size
40	Medial Strip (Concrete Block)	(15) 						(15):number of block
41	Monument			○				
42	North			○				
43	Paving					○		

	Layer Name	Map Symbol	Point Data		Line Data	Polygon Data	Text Data	Remarks
			Point	Block				
44	Pier					○		Actual Size
45	Pipeline GAS				○			with annotation
46	Pipeline Oil				○			
47	Pipeline Water				○			
48	Pond					○		
49	Railway				○			
50	River Data		○					
51	Road				○			with Annotation
52	Septic Tank					○		
53	Side Walk					○		Should be closed
54	Sign Board		○		○			with Annotation such as Toll fee, Direction and etc
55	Spot Height		○					
56	Spot Height in Water		○					
57	Spot Height in Water Text	3.05				○		
58	Spot Height Text	5.69	○					
59	Step					○		Actual Size
60	Tree Banyan			○				
61	Tree Betel			○				
62	Tree Coco			○				
63	Tree Jack			○				
64	Tree Khaye			○				
65	Tree Kokko			○				

	Layer Name	Map Symbol	Point Data		Line Data	Polygon Data	Text Data	Remarks
			Point	Block				
66	Tree Kyun			○				
67	Tree Magyi			○				
68	Tree Malaysia			○				
69	Tree Mango			○				
70	Tree Padauk			○				
71	Tree Palm			○				
72	Trees			○				
73	Tree Vandar			○				
74	Tree Yetamar			○				
75	Tree Tuber			○				
76	TAP			○				
77	Telepost			○				
78	Temporary Stores					○		
79	Traffic Signal			○				
80	Tube Well			○				
81	Wall				○			with Annotation such as Brick, Concrete Block and etc
82	Water Tank					○		Actual Size
83	Well			○				

路線調査

付録-10 Certificate Survey Instruments



## Rental agreement of survey equipment

This agreement is signed between Saramayri-Fuji Construction Co., Ltd. (Hereafter called Sara-Fuji) and PIONEER Survey and Map Consulting Co., Ltd. (hereafter called PIONEER) on 01.October 2016 that PIONEER will temporarily rent his own survey equipment to Sara-Fuji for the period as stated below.

1. List of equipment, charges and duration to rent

Sr.	Name of equipment	Brand & Model	Number	Charge/month Kyat	Duration to rent
1	Total Station	Topcom/GTS105M	1 set	500,000	1.Oct.16 to 31.December 2016
2	Total Station	Topcom/GTS 235M	1 set	500,000	Same as above
3	Global Position Surveying Instrument (DGPS)	V30 dual frequency GNSS RTK	4 Set	3,000,000	Same as above
4	Auto Level	Leica/NAK 2	1	200,000	Same as above
				4,200,000	Same as above

2. Condition of equipment

All equipment shall be calibrated within one years by recognized organization duly certified by qualified Engineer.

3. Responsibility of Sara-Fuji for using rented equipment

Sara-Fuji shall use all rented equipment within Yangon Region only and all equipment must be returned to PIONEER as soon as the agreed duration for rent is expired with the same working condition. In this case PIONEER shall check condition of equipment well and if something is not satisfactory obviously Sara-Fuji must replace with a newly purchased equipment (same brand and model). If Sara-Fuji needs to extend the rental period a new agreement shall be signed by mutual consent.

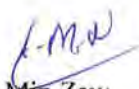
4. Terms of rental charges

Sara-Fuji shall pay 100% of total amount when PIONEER hand over the equipment.

Both parties, PIONEER and Sara-Fuji read all the contents of above agreement and signed hereunder by own consent.



Wuna Myo  
Director,  
PIONEER Survey & Map Consulting Co., Ltd.  
No.39, Daw Thein Tin Street,  
Migalar Taung Nyunt Township, Yangon



Tin Min Zaw  
Managing Director  
Saramyri Fuji Construction Co., Ltd.  
No. 364, Mahargandayone Road,  
48<sup>th</sup> Ward, North Dagon Township, Yangon

## Rental agreement of survey equipment

This agreement is signed between Saramayri-Fuji Construction Co., Ltd. (Hereafter called Sara-Fuji) and Win Surveying & Mapping Group (hereafter called WSM) on 01.October 2016 that GIS will temporarily rent his own survey equipment to Sara-Fuji for the period as stated below.

5. List of equipment, charges and duration to rent

Sr.	Name of equipment	Brand & Model	Number	Charge/month Kyat	Duration to rent
1	Total Station	SOKKIA/GS3125	1 set	500,000	1.Oct. to 31. Dec,2016
2	Auto Level	Trimble Digital Level/ DINI03	2 set	400,000	1.Oct. to 31. Dec,2016
				900,000	1.Oct. to 31. Dec,2016

6. Condition of equipment

All equipment shall be calibrated within one year by recognized organization duly certified by qualified Engineer.

7. Responsibility of Sara-Fuji for using rented equipment

Sara-Fuji shall use all rented equipment within Yangon Region only and all equipment must be returned to WSM as soon as the agreed duration for rent is expired with the same working condition. In this case WSM shall check condition of equipment well and if something is not satisfactory obviously Sara-Fuji must replace with a newly purchased equipment (same brand and model). If Sara-Fuji needs to extend the rental period a new agreement shall be signed by mutual consent.

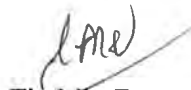
8. Terms of rental charges

Sara-Fuji shall pay 100% of total amount when WSM hand over the equipment.

Both parties, WSM and Sara-Fuji read all the contents of above agreement and signed hereunder by own consent.



Min Tun  
Managing Director,  
Win Surveying & Mapping Group  
No.845B, Mingalar Street, 12<sup>th</sup> Quater  
South Okkalapa Township, Yangon



Tin Min Zaw  
Managing Director  
Saramyri Fuji Construction Co., Ltd.  
No. 364, Mahargandayone Road,  
48<sup>th</sup> Ward, North Dagon Township, Yangon



Head Office - SH- B5(4), Malika Housing, Yadanar Road, 14/ Bawamyint Quarter, Dagon North Township, Yangon, Myanmar.  
 Ph : 01-856 6717, 856 0135, 856 9732, 09 - 502 5972, Hot Line : 09 - 730 87709, 09 - 492 25984, 09 - 261 995037, 09 - 262 429734, 09 - 262 429735, Fax : 01 - 856 6717  
 Branch Office - No.(13/7), Mya Sandar Road, Between 26 x 27 & 62 x 63 Street, Mandalay. Ph. 09-261995039, 09-250 678 505

## Service Certificate

Date: 30.9.2016

Report No : R-326  
 Company Name : Win Surveying & Mapping Group  
 Brand : SOKKIA  
 Model : CX-105  
 Serial No : GS 3125

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacture's factory procedure.

Calibration Details	Specification	After Adjustment
Circular Bubble	<1/5 dia	Passed
Plate Bubble	1/5 dia	Passed
Col. Of Hor L.O.S	+/-5 sec	Passed
Cross-Hair Perpendicularity	+/-30 sec	Passed
H-Axis Perpendicular to L.O.S	+/-2 sec	Passed
H-Axis Perpendicular to V-Axis	<10 sec	Passed
Laser Plummet	+/- 1.5 mm @ 1.5 m	Passed
EDM Axis alignment	+/- 3 min	Passed

Known Dist: (m)	Measured Dist : (m)	Tolerance (m)
Cal.dist OA=12.037	A'=12.038	a=-0.001
Cal.dist OB= 7.217	B'=7.217	b=0
Cal. Dist OC= 6.874	C'=6.875	c=0.001

Error:  $a=OA-A'$ ,  $b=OB-B'$   
 $c=OC-C'$   
 M.S.E=  $\pm (a + b + c) / 2$

*Ma Ywet Nu Nge*  
 30/9/2016

Accuracy Criteria: Distance accuracy: 3mm+2ppm , Angle accuracy: 5 seconds  
 Calibrated Date: 30-9-2016  
 Next Calibration Date: 30-3-2017

Calibrated By: Ma Ywet Nu Nge  
 Assistant Service Engineer

**Amigos** International Co., Ltd.

Contact Ph : 09 5025972, 09 73087709, 09 421757943  
 Office Ph : 01 8569732, Hot Line : 09 261995037  
 E-mail : sales@amigosmyanmar.com



Head Office - SH- B5(4), Malika Housing, Yadanar Road, 14/ Bawamyint Quarter, Thingangyun Township, Yangon, Myanmar.  
 Ph : 01-856 6717, 856 0135, 856 9732, 09 - 502 5972, Hot Line : 09 - 730 87709, 09 - 492 25984, 09 - 261 995057, 09 - 252 429734, 09 - 252 429735, Fax : 01 - 856 6717  
 Branch Office - No.(13/7), Mya Sandar Road, Between 26 x 27 & 62 x 63 Street, Mandalay. Ph: 09-261-995057, 09-250 678 505

## Service Certificate

Date: 25-8-2016

Report No : R-341  
 Company : Win Surveying & Mapping Group  
 Brand : Trimble Digital Level  
 Model : DINI 03  
 Serial No : 730575

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacturer's factory procedure.

Calibration Details	Specification	After Adjustment
Circular Bubble	<9/2 mm	Passed
Cross-hair Perpendicularity	+/-8 sec	Passed
Compensator Range	+/-0.6"	Passed
Col. Of Hor L.O.S	+/-3 sec	Passed
High Difference in 1km Double Run	±0.3 mm	Passed

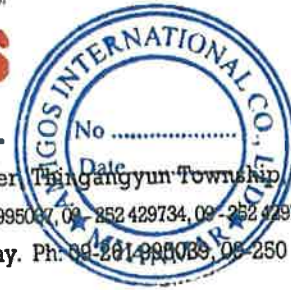
Calibration Date: 25-8-2016

Next Calibration Date: 25-2-2017

25/8/2016  
 Calibrated By: Ma Ywet Nu Nge

Assistant Service Engineer





Head Office - SH- B5(4), Malika Housing, Yadanar Road, 14/ Bawamyint Quarter Thingangyun Township, Yangon, Myanmar.  
 Ph : 01-856 6717, 856 0135, 856 9732, 09 - 502 5972, Hot Line : 09 - 730 87709, 09 - 492 25984, 09 - 261 995037, 09 - 252 429734, 09 - 252 429735, Fax : 01 - 856 6717  
 Branch Office - No.(13/7), Mya Sandar Road, Between 26 x 27 & 62 x 63 Street, Mandalay. Ph: 09-261-995039, 09-250 678 505

## Service Certificate

Date: 25.8.2016

Report No : R-340  
 Company : Win Surveying & Mapping Group  
 Brand : Trimble Digital Level  
 Model : DINI 03  
 Serial No : 730580

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacturer's factory procedure.

Calibration Details	Specification	After Adjustment
Circular Bubble	<9/2 mm	Passed
Cross-hair Perpendicularity	+/-8 sec	Passed
Compensator Range	+/-0.6"	Passed
Col. Of Hor L.O.S	+/-3 sec	Passed
High Difference in 1km Double Run	±0.3 mm	Passed

Calibration Date: 25-8-2016

Next Calibration Date: 25-2-2017

Calibrated By: Ma Ywet Nu Nge  
 Assistant Service Engineer





Yangon Building (11), MICT park, Universities' Hlaing Campus, Hlaing T/S, Yangon, Myanmar  
 Tel: 654 950, 654 951, 654 952, 654 953, 654 954, 654 955, 654 956, 654 957, 654 958  
 Fax: (951) 654 959  
 Email: concordia@myanmar.com.mm, concordiajgn@gmail.com  
 Website: http://www.concordiamm.com

Mandalay No (125/B), 28 Street, 75 x 76 Street, Saletaramah Qtr, Chanayethazan T/S, Mandalay  
 Ph: 02-69303, 09-5067172, 09-91001983, Hot Line: 09-91001965 Fax : 02-69303  
 Email : cilmdy@gmail.com

Nay Pyi Taw No.144, Shopping Complex (Thiriyadanar) Nay Pyi Taw  
 Tel : 067-420 819, 421 362, Fax : 067-420 819  
 Email: npt.concordia@gmail.com



# CERTIFICATE OF CALIBRATION

CUSTOMER NAME	:	Pioneer Survey Team.
ATTENTION	:	U Myo Nyunt
PROJECT/SITE/OFFICE	:	No(39), 1 <sup>st</sup> Floor, 91 Street, Mingalartaungnyunt Township, Yangon. Ph : 09 8613295.
BRAND/ INSTRUMENT	:	Topcon Total Station.
MODEL/ SERIAL NO.	:	GTS-235N / OL-9767
REPORT NO.	:	S - 5896
DATE OF CALIBRATION	:	9.7.2016
NEXT CALIBRATION DUE	:	9.1.2017

This calibration certificates confirm that the product is inspected and explicitly state the traceability to national standards.

The test equipment used was calibrated to the appropriate Standards with traceability to NPL or National Standards.

Copies of the test procedure, calibration results and test equipment Certificates of Calibration are held by Concordia Int'l Ltd.

	Spec	Error Before Calibrate	After Calibrate(')		Spec	Error before Calibrate	After Calibrate (')
Circular Bubble	± 10'/2mm	10.1'/2mm	10'/2mm	Optical Plummet	± 1mm	1.3mm	1 mm
Plate Bubble	± 30'/2mm	30.2'/2mm	30'/2mm	Prism Constant	0 mm	Checked	Checked
Horizontal Angle	± 5 Secs	10 Secs	5 Secs	Tilling Sensor	± 10 Secs	15 Secs	10 Secs
Vertical Angle	± 5 Secs	5 Secs	5 Secs	Perpendculanty of Cross-hair	± 5 Secs	5 Secs	5 Secs

Calibration and Checked By

*U Min Ko Ko*

U Min Ko Ko





Yangon Building (11), MICT park, Universities Hlaing Campus, Hlaing T/S, Yangon, Myanmar.  
 Tel : 654 950, 654 951, 654 952, 654 953, 654 954, 654 955, 654 956, 654 957, 654 958  
 Fax: (951) 654 959  
 Email: concordia@myanmar.com mm, concordiajgn@gmail.com  
 Website: http://www.concordiamm.com

Mandalay No (125/B), 28 Street, 75 x 76 Street, Satearamahi Qtr. Chanayethazan T/S, Mandalay  
 Ph: 02-69303, 09-5067172, 09-91001983, Hot Line: 09-91001955 Fax : 02-69303  
 Email : cilmdy@gmail.com

Nay Pyi Taw No.144, Shopping Complex (Thiriyanadanar) Nay Pyi Taw  
 Tel : 067-420 819, 421 362 Fax : 067-420 819  
 Email: nplconcordia@gmail.com



## CERTIFICATE OF CALIBRATION

CUSTOMER NAME	:	Pioneer Survey Team.
ATTENTION	:	U Myo Nyunt
PROJECT/SITE/OFFICE	:	No(39), 1 <sup>st</sup> Floor, 91 Street, Mingalartaungnyunt Township, Yangon. Ph : 09 8613295.
BRAND/ INSTRUMENT	:	Topcon Total Station.
MODEL/ SERIAL NO.	:	GTS-235N / OL-0453
REPORT NO.	:	S – 5897
DATE OF CALIBRATION	:	11.7.2016
NEXT CALIBRATION DUE	:	11.1.2017

This calibration certificates confirm that the product is inspected and explicitly state the traceability to national standards.

The test equipment used was calibrated to the appropriate Standards with traceability to NPL or National Standards.

Copies of the test procedure, calibration results and test equipment Certificates of Calibration are held by Concordia Int'l Ltd.

	Spec	Error Before Calibrate	After Calibrate(')		Spec	Error before Calibrate	After Calibrate (')
Circular Bubble	± 10'/2mm	10.1'/2mm	10'/2mm	Optical Plummet	± 1mm	1.3mm	1 mm
Plate Bubble	± 30'/2mm	30.2'/2mm	30'/2mm	Prism Constant	0 mm	Checked	Checked
Horizontal Angle	± 5 Secs	10 Secs	5 Secs	Tilling Sensor	± 10 Secs	15 Secs	10 Secs
Vertical Angle	± 5 Secs	5 Secs	3 Secs	Perpendiculanty of Cross-hair	± 5 Secs	5 Secs	5 Secs

Calibration and Checked By

*U Min Ko Ko*

U Min Ko Ko





SH-B5(4) Malikka Housing Yadanar Road, 14/Bawamyint Quarter, Thungayun Township, Yangon, Myanmar  
 Ph 01-8566 717 8560 135 8569 732 09-502 5972 09-730 87709 09-492 25984, Hot Line 09-267 896037 09-242 429734, 09-242 429775 09-261 995038

**SERVICE CERTIFICATE**

Date: 6-May-2016

Report No: R-79  
 Company: Pioneer Survey Team  
 Attention: U Myo Nyunt  
 Brand: Topcon  
 Type: Total Station  
 Model: GTS-235N  
 Serial: OL 0453

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacturer's factory procedure.

CALIBRATION DETAILS	Specification	Before Adjustment	After Adjustment
Circular Bubble	< 10' / 2 mm		Passed
Plate Bubble	6' / inner circle		Passed
Col. Of Hor L.O.S.	+/- 2 sec		Passed
Cross-Hair Perpendicularity	+/- 30 Sec		Passed
H-Axis Perpendicular to L.O.S	+/- 2sec		Passed
H-Axis Perpendicular to V-Axis	< 10 sec		Passed
Laser Plummet	<1 mm/1.3m		Passed
EDM Axis alignment	1/5 dia		Passed

Distance Calibration	Difference	Checked	
Cal.dist AB = 37.744	A' 0	37.744	Error: a=AB-A' b=BC-B' c=AC-C'
Cal.dist BC = 46.614	B' 0	46.614	
Cal.dist AC = 84.358	C' 0	84.358	M.S.E. $\pm \sqrt{(a^2 + b^2 + c^2)}/2$
Cal.dist BA = 37.744	D' 0	37.744	0 mm M.S.E.

Accuracy Criteria: Distance accuracy: 3mm+2 ppm , Angle accuracy: 5 seconds  
 Calibrated Date: 6-May-2016  
 Next Calibration: 6-November-2016

Htet Lin Myi Aung  
 Assistant Service Engineer  
 Amigos International Co., Ltd.

Email : sales@amigosmyanmar.com, marketing@amigosmyanmar.com , support@amigosmyanmar.com





**SERVICE CERTIFICATE**

Date: 6-May-2016

Report No: R-80  
Company: Pioneer Survey Team  
Attention: U Myo Nyunt  
Brand: Topcon  
Type: Total Station  
Model: GTS-105N  
Serial: 6H 4624

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacturer's factory procedure

CALIBRATION DETAILS	Specification	Before Adjustment	After Adjustment
Circular Bubble	< 1/ 5 dia		Passed
Plate Bubble	1/5div		Passed
Col. Of Hor L.O.S.	+/- 2 sec		Passed
Cross-Hair Perpendicularity	+/- 30 Sec		Passed
H-Axis Perpendicular to L.O.S	+/- 2sec		Passed
H-Axis Perpendicular to V-Axis	< 10 sec		Passed
Laser Plummet	+/- 0.015 mm		Passed
EDM Axis alignment	1/5 dia		Passed

Distance Calibration	Difference	Checked	
Cal.dist AB = 8.703	A' 0.001	8.702	Error: a=AB-A' b=BC-B' c=AC-C'
Cal.dist BC = 14.551	B' 0	14.551	
Cal.dist AC = 20.503	C' 0	20.503	M.S.E. $\pm / (a^2 + b^2 + c^2) / 2$
Cal.dist D = 67.972	D' 0	67.972	0.7 mm M.S.E.

Accuracy Criteria: Distance accuracy: 2mm+2ppm Angle accuracy: 2 seconds

Calibrated Date: 6-May-2016

Next Calibration: 6-November-2016

*Htet Lin Myi Nyi Aung*  
Assistant Service Engineer  
Amigos International Co., Ltd.  
6/5/2016

**Notarial Translation**

**GOVERNMENT OF THE REPUBLIC OF THE UNION OF MYANMAR  
MINISTRY OF ENVIRONMENTAL PRESERVATION & FORESTRY  
SURVEY DEPARTMENT  
(EMBLEM)**



**LAND SURVEY OFFICER EXAMINATION PASS CERTIFICATE**

Certificate No. **273**

This is to certify that **MYO NYUNT**, holder of National Registration Card No. TKA - 007004, son of (father) U MAUNG KYAING, age 30 years, has passed the **Land Survey Officer Course** Serial No. 30 held in July, 1992 with Grade (4).

(Photo with round seal)  
Duplicate is issued for lost of Original Certificate.

Sd/-xxx  
Director General  
Survey Department

Dated : 20th July, 2015.

**ON REVERSE SIDE**

Signature of holder  
NRC No. TKA - 007004  
Left thumb impression

Signed before me.  
Usual Signature Sd/-xxx  
Name U Than Kyaw  
Rank Principal  
Date 20-7-2015

**AUTHENTICATED**, true and correct English Translation.



*Tin Tun*

**U TIN TUN B.Sc., R.L.**  
Advocate & Notary Public  
Deputy Director, Supreme Court (Ktd)  
Room No.203/A, 2nd Floor. No.363, MAC Tower  
Merchant Street, Kyauktada Township  
Yangon, Myanmar.

Regd. No. 16007-2011

29 JUL 2015



## SERVICE CERTIFICATE

Company name: Pioneer Survey Team

ADDRESS: 39, Daw Thein Tin Street, Mingalar Taung Nyunt Tsp., Yangon

Description: Global Position Surveying Instrument GNSS RTK System ( GPS )

Model: V 30 dual frequency GNSS RTK

Serial Number: S/N - 3011095

This Certificate that above instruments was checked, calibrated in accordance with applicable Hi-Target factory procedure. The standards used are in accordance to China Industrial Standards. The testing equipment currently used has been calibrated at the AMIGOS INTERNATIONAL CO., LTD.

### CALIBRATION DETAILS

#### Technical Parameters

##### 1. Receiver

	Check
Mainframe: No scratch, no dirty, turn on/ turn off	Ok
Vibration test, against test	Ok
OEM, Bluetooth, power supply, GPS tracking, GPRS checking	Ok
Signal to noise ratio, internal radio transmit and receive	Ok
External radio transmitting distance	Ok
Channel: independent 220 Channels	Ok
Tracking signal : GPS : L1 C/A, L2E, L2C, L5	Ok
GLONASS: L1 C/A, LIP, L ( only for GLONASS M ) and L2P	
GALILEO: ( reservation for upgrade ) SABS: WAAS, MASA, EGNOS	
Memory: 64 Mb	Ok
Working time: 4400mAh battery, Static : 15Hrs, RTK operating 12 hours	Ok

##### 2. Relevant accuracy:

- Static and Fast Static GNSS surveying:  
Horizontal :  $\pm(2.5\text{mm}+1\text{ppm RMS})$
- WAAS differential surveying:  
Typically < 3m
- RTK surveying:  
Horizontal :  $\pm(10\text{mm}+1\text{ppm RMS})$   
Vertical :  $\pm(20\text{mm}+1\text{ppm RMS})$

##### 3. Conclusion

The instrument has been confirmed to work normally.

Error of the instrument are beyond that given by the Manufacture.

The instrument can be put into operation.

\* We adopt adjustment by use of two receivers to observe one baseline at the same time, thus the influence of ionosphere and troposphere infection on observation can be mostly counteracted.

\* Note: as according to minimum reading of instrument.

Calibrated by: ( Reporter): Mr. Htet Lin Nyi Nyi Aung

Date Calibrated : 6-5-2016

Htet Lin Nyi Nyi Aung  
Assistant Service Engineer

Amigos International Co., Ltd.

Email : sales@amigosmyanmar.com, marketing@amigosmyanmar.com, support@amigosmyanmar.com



## SERVICE CERTIFICATE

Company name: Pioneer Survey Team  
 ADDRESS: 39,Daw Thein Tin Street,Mingalar Taung Nyunt Tsp. ,Yangon  
 Description: Global Position Surveying Instrument GNSS RTK System ( GPS )  
 Model: V 30 dual frequency GNSS RTK  
 Serial Number: S/N - 3011087

This Certificate that above instruments was checked, calibrated in accordance with applicable Hi-Target factory procedure. The standards used are in accordance to China Industrial Standards. The testing equipment currently used has been calibrated at the AMIGOS INTERNATIONAL CO.,LTD.

### CALIBRATION DETAILS

#### Technical Parameters

#### 1.Receiver

	Check
Mainframe: No scratch, no dirty, turn on/ turn off	Ok
Vibration test, against test	Ok
OEM, Bluetooth, power supply, GPS tracking, GPRS checking	Ok
Signal to noise ratio, internal radio trasmit and receive	Ok
External radio trandmitting distance	Ok
Channel: independent 220 Channels	Ok
Tracking signal : GPS : L1 C/A, L2E, L2C, L5	Ok
GLONASS: L1 C/A, LIP,L( only for GLONASS M ) and L2P	
GALILEO: ( reservation for upgrade ) SABS: WAAS,MASA,EGNOS	
Memory: 64 Mb	Ok
Working time: 4400mAh battery, Static : 15Hrs,RTK operating 12 hours	Ok

#### 2. Relevant accuracy:

- Static and Fast Static GNSS surveying:  
Horizontal :  $\pm(2.5\text{mm}+1\text{ppm RMS})$
- WAAS differential surveying:  
Typically < 3m
- RTK surveying:  
Horizontal :  $\pm(10\text{mm}+1\text{ppm RMS})$   
Vertical:  $\pm (20 \text{ mm}+1\text{ppm RMS})$

#### 3. Conclusion

The instrument has been confirmed to work normally.  
 Error of the instrument are beyond that given by the Manufacture.  
 The instrument can be put into operation.

\* We adopt adjustment by use of two receivers to observe one baseline at the same time, thus the influence of ionosphere and troposphere infection on observation can be mostly counteracted.

\* Note: as according to minimum reading of instrument.

Calibrated by: ( Reporter): Mr. Htet Lin Nyi Nyi Aung  
 Date Calibrated : 6-5-2016

  
 Assistant Service Engineer  
 Amigos International Co., Ltd.



## SERVICE CERTIFICATE

Company name: Pioneer Survey Team

ADDRESS: 39,Daw Thein Tin Street,Mingalar Taung Nyunt Tsp. ,Yangon

Description: Global Position Surveying Instrument GNSS RTK System ( GPS )

Model: V 30 dual frequency GNSS RTK

Serial Number: S/N - 3011086

This Certificate that above instruments was checked, calibrated in accordance with applicable Hi-Target factory procedure. The standars used are in accordance to China Industrial Standards. The testing equipment currently used has been calibrated at the AMIGOS INTERNATIONAL CO.,LTD.

### CALIBRATION DETAILS

#### Technical Parameters

##### 1.Receiver

Check

Mainframe: No scratch, no dirty, turn on/ turn off

Ok

Vibration test, against test

Ok

OEM, Bluetooth, power supply, GPS tracking, GPRS checking

Ok

Signal to noise ratio, internal radio trasmit and receive

Ok

External radio trandmitting distance

Ok

Channel: independent 220 Channels

Ok

Tracking signal : GPS : L1 C/A, L2E, L2C, L5

Ok

GLONASS: L1 C/A, LIP,L( only for GLONASS M ) and L2P

GALILEO: ( reservation for upgrade ) SABS: WAAS,MASA,EGNOS

Memory: 64 Mb

Ok

Working time: 4400mAh battery, Static : 15Hrs,RTK operating 12 hours

Ok

##### 2. Relevant accuracy:

- Static and Fast Static GNSS surveying:

Horizontal :  $\pm(2.5\text{mm}+1\text{ppm RMS})$

- WAAS differential surveying:

Typically < 3m

- RTK surveying:

Horizontal :  $\pm(10\text{mm}+1\text{ppm RMS})$

Vertical:  $\pm (20 \text{ mm}+1\text{ppm RMS})$

##### 3. Conclusion

The instrument has been confirmed to work normally.

Error of the instrument are beyond that given by the Manufacture.

The instrument can be put into operation.

\* We adopt adjustment by use of two receivers to observe one baseline at the same time, thus the influence of ionosphere and troposphere infection on observation can be mostly counteracted.

\* Note: as according to minimum reading of instrument.

Calibratded by: ( Reporter): Mr. Htet Lin Nyi Nyi Aung

Date Calibrated : 6-5-2016

Htet Lin Nyi Nyi Aung  
Assistant Service Engineer

Email : sales@amigosmyanmar.com , support@amigosmyanmar.com . support@amigosmyanmar.com



SH-B5-41, Malika Housing, Yadanar Road, 14 Bawamyint Quarter, Thingangyun Township, Yangon, Myanmar

Ph 01-8566 717 8560 135 8569 732 09-502 5972 09-730 87709 09-492 25984 Hot Line 09-267 995037 09-247 429734 09-242 429735 09-261 895039

## SERVICE CERTIFICATE

Company name: Pioneer Survey Team

ADDRESS: 39,Daw Thein Tin Street,Mingalar Taung Nyunt Tsp. ,Yangon

Description: Global Position Surveying Instrument GNSS RTK System ( GPS )

Model: V 30 dual frequency GNSS RTK

Serial Number: S/N - 3011519

This Certificate that above instruments was checked, calibrated in accordance with applicable Hi-Target factory procedure. The standars used are in accordance to China Industrial Standards. The testing equipment currently used has been calibrated at the AMIGOS INTERNATIONAL CO.,LTD.

### CALIBRATION DETAILS

#### Technical Parameters

##### 1.Receiver

	Check
Mainframe: No scratch, no dirty, turn on/ turn off	Ok
Vibration test, against test	Ok
OEM, Bluetooth, power supply, GPS tracking, GPRS checking	Ok
Signal to noise ratio, internal radio trasmit and receive	Ok
External radio tranmmitting distance	Ok
Channel: independent 220 Channels	Ok
Tracking signal : GPS : L1 C/A, L2E, L2C, L5	Ok
GLONASS: L1 C/A, L1P,I( only for GLONASS M ) and L2P	
GALILEO: ( reservation for upgrade ) SABS: WAAS,MASA,EGNOS	
Memory: 64 Mb	Ok
Working time: 4400mAh battery, Static : 15Hrs,RTK operating 12 hours	Ok

##### 2. Relevant accuracy:

- Static and Fast Static GNSS surveying:  
Horizontal :  $\pm(2.5\text{mm}+1\text{ppm RMS})$
- WAAS differential surveying:  
Typically < 3m
- RTK surveying:  
Horizontal :  $\pm(10\text{mm}+1\text{ppm RMS})$   
Vertical:  $\pm (20 \text{ mm}+1\text{ppm RMS})$

##### 3. Conclusion

The instrument has been confirmed to work normally.

Error of the instrument are beyond that given by the Manufacture.

The instrument can be put into operation.

\* We adopt adjustment by use of two receivers to observe one baseline at the same time, thus the influence of ionosphere and troposphere infection on observation can be mostly counteracted.

\* Note: as according to minimum reading of instrument.

Calibratded by: ( Reporter): Mr. Htet Lin Nyi Nyi Aung

Date Calibrated : 6-5-2016

Htet Lin Nyi Nyi Aung

Assistant Service Engineer

Email : sales@amigosmyanmar.com, marketing@amigosmyanmar.com, support@amigosmyanmar.com



**SERVICE CERTIFICATE**

Date: 6-5-2016

Report No: R- 85  
Company: Pioneer Survey Team  
Brand: Leica  
Type: Auto Level  
Model: NAK 2  
Serial No: 5614049

This certifies that the above instrument was checked and calibrated in accordance with applicable manufacturer's factory procedure.

CALIBRATION DETAILS	Specification	Before Adjustment	After Adjustment
Circular Bubble	< 8' / 2 mm		Passed
Cross-Hair Perpendicularity	+/-30 Sec		Passed
Compensator Range	+/-15 min		Passed
Col. Of Hor L.O.S.	+/-5 sec		Passed
High Difference in 1km Double Run	±2mm		Passed

Calibrated Date: 6-5-2016  
Next Calibration: 6-11-2016

*Htet Lin Nyi Aung*  
Assistant Service Engineer  
Amigos International Co., Ltd.

## 水文調査

### 付録-11 Hydrological Data Collection Result



DEPARTMENT OF METEOROLOGY AND HYDROLOGY

4/11/16  
STATION : KABA-AYE

YEAR : 2013

DAILY RAINFALL (mm)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	16	21	33	8	73	0	Trace
2	0	0	0	0	0	0	24	12	25	Trace	Trace	0
3	0	0	0	0	0	9	34	4	1	30	0	0
4	0	0	0	0	0	31	1	12	0	0	0	0
5	0	0	0	0	0	74	28	27	1	51	0	0
6	0	0	0	0	0	14	13	5	30	0	0	0
7	0	0	0	0	Trace	24	0	7	43	0	0	0
8	0	0	0	0	1	21	32	1	74	0	0	0
9	0	0	0	0	Trace	13	5	3	24	25	0	0
10	0	0	0	0	2	19	11	15	0	17	0	0
11	0	0	0	0	0	20	9	5	Trace	Trace	0	0
12	0	0	0	0	0	47	3	6	32	0	0	0
13	0	0	0	0	0	7	5	0	75	0	Trace	0
14	0	0	0	0	Trace	46	29	2	18	0	0	0
15	0	0	0	0	0	11	4	23	50	0	0	3
16	0	0	0	0	4	23	8	8	10	Trace	0	0
17	0	0	0	0	21	0	20	2	21	0	3	0
18	0	0	0	0	0	0	2	17	3	35	0	0
19	0	0	0	0	0	21	25	11	6	1	Trace	0
20	0	0	0	0	0	2	60	19	0	Trace	10	0
21	0	0	0	0	0	12	35	15	92	30	Trace	0
22	0	0	0	0	25	2	11	20	26	0	0	0
23	0	0	0	0	12	3	50	143	3	0	0	0
24	0	0	0	0	17	18	11	8	29	0	0	0
25	0	0	0	0	5	38	26	18	1	0	0	0
26	0	0	0	0	1	17	11	29	5	66	0	0
27	0	0	0	0	2	12	34	0	18	9	Trace	0
28	0	0	0	0	2	20	21	9	Trace	15	Trace	0
29	0	0	0	0	7	33	Trace	3	9	13	0	0
30	0	0	0	0	21	3	38	7	8	6	Trace	0
31	6	0	0	0	5	0	59	0	0	0	0	0

"Trace" : The amounts of rainfall which cannot be measured

1mm=0.04inch

4/11/16



DEPARTMENT OF METEOROLOGY AND HYDROLOGY

STATION : KABA-AYE


YEAR : 2014

DAILY RAINFALL (mm)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	3	21	55	8	0	0	0
2	0	0	0	0	0	0	17	7	3	25	0	0
3	0	0	0	0	0	0	26	14	45	68	29	0
4	0	0	0	0	0	30	24	47	16	20	2	0
5	0	0	0	Trace	0	45	8	39	0	0	68	0
6	0	0	0	0	0	0	9	36	3	2	154	0
7	0	0	0	0	Trace	14	Trace	26	9	0	47	0
8	0	0	0	0	0	2	7	1	17	0	0	0
9	0	0	0	0	15	8	45	13	0	Trace	0	0
10	0	0	0	0	19	16	10	58	4	17	0	0
11	0	0	0	0	0	49	23	23	Trace	1	0	26
12	0	0	0	0	16	162	31	Trace	0	Trace	Trace	0
13	0	0	0	0	0	7	23	Trace	25	3	0	0
14	0	0	0	0	0	2	43	0	1	0	0	0
15	0	0	0	0	6	5	10	17	17	0	Trace	0
16	0	0	0	0	0	7	23	41	5	0	0	0
17	0	0	0	Trace	0	18	0	1	1	0	Trace	0
18	0	0	0	0	0	16	27	0	0	0	0	0
19	0	0	0	0	101	5	14	9	14	0	0	0
20	0	0	0	0	8	5	127	Trace	0	17	0	0
21	0	0	0	0	22	17	75	21	0	0	0	0
22	0	0	0	0	35	58	36	29	Trace	Trace	0	0
23	0	0	0	0	10	57	Trace	33	0	21	0	0
24	0	0	0	0	62	81	5	2	2	0	0	0
25	0	0	0	0	0	38	43	Trace	5	0	0	0
26	0	0	0	0	0	2	38	3	5	18	0	0
27	0	0	0	0	0	10	39	Trace	6	5	0	0
28	0	0	0	0	0	42	17	30	0	1	0	0
29	0		0	0	0	2	Trace	34	0	21	0	0
30	0		0	0	1	Trace	53	30	11	0	0	0
31	0		0		0		24	6		5		0

"Trace" The amounts of rainfall which cannot be measured

1mm=0.04inch

  
 အိအိလင်  
 ဦးစီးအရာရှိ  
 မိုးလေဝသနှင့်ရေပမာဏဌာနကြားမှူးဦးစီးဌာန



DEPARTMENT OF METEOROLOGY AND HYDROLOGY

STATION : KABA-AYE

YEAR : 2015

DAILY RAINFALL (mm)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	7	2	12	0	0	0	0
2	0	0	0	0	0	0	Trace	29	6	23	0	0
3	0	0	0	0	0	10	26	35	1	6	Trace	0
4	0	0	0	0	0	21	7	5	2	24	Trace	0
5	0	0	0	0	0	20	36	0	16	5	0	0
6	0	0	0	0	0	1	4	0	56	63	0	0
7	0	0	0	0	0	5	56	Trace	Trace	28	0	0
8	0	0	0	0	0	0	10	2	7	19	0	0
9	Trace	0	0	0	0	10	16	0	3	21	8	0
10	0	0	0	0	0	20	0	Trace	16	12	56	0
11	0	0	0	0	0	5	Trace	28	0	6	5	0
12	0	0	0	0	0	26	8	Trace	21	7	0	0
13	0	0	0	0	0	0	0	27	16	2	0	0
14	0	0	0	0	0	15	0	19	4	21	0	0
15	0	0	0	0	0	19	3	5	17	0	0	0
16	0	0	0	0	0	23	1	49	5	0	0	0
17	0	0	0	0	0	1	37	5	40	13	0	0
18	0	0	0	0	0	Trace	34	27	22	0	0	0
19	0	0	0	0	22	Trace	9	5	86	0	0	0
20	0	0	0	0	5	35	29	1	Trace	96	0	0
21	Trace	0	0	0	1	31	36	2	0	1	0	0
22	0	0	0	0	52	34	19	5	0	0	0	0
23	0	0	0	0	15	65	8	27	0	0	0	0
24	0	0	0	29	23	16	25	32	0	0	0	0
25	0	0	3	6	0	51	59	2	1	0	0	0
26	0	0	0	0	2	48	42	18	0	8	0	0
27	0	0	0	5	Trace	34	24	10	Trace	0	0	0
28	0	0	0	Trace	0	35	62	7	10	0	0	0
29	0		6	Trace	15	0	69	Trace	Trace	0	0	0
30	0		0	0	28	48	53	13	0	0	0	0
31	0		0		22		17	43		0		0

"Trace" The amounts of rainfall which cannot be measured

1mm=0.04inch

Handwritten signature and date 4/11/16, along with official stamps and text in Burmese: အိအိလင်, ဦးစီးအရာရှိ, မိုးလေဝသနှင့်ရေလေအညွှန်ကြားမှုဦးစီးဌာန



**DEPARTMENT OF METEOROLOGY AND HYDROLOGY**  
**Monthly Maximum Discharge (m<sup>3</sup>/sec)**

Station = Bago

River = Bago

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	31	32	30	33	57	370	951	1074	685	218	50	25
2013	30	23	45	64	185	334	599	1000	466	854	253	48
2014	41	32	45	85	91	309	760	1341	384	92	582	21
2015	35	72	51	38	81	471	1110	1059	644	487	67	18

Station = Zaungtu

River = Bago

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	228	221	207	121	346	430	923	846	538	200	133	92
2013	45	36	32	36	43	143	606	798	362	1111	196	46
2014	30	25	26	63	83	408	664	1094	356	89	340	64
2015	63	53	41	32	44	274	772	608	644	526	70	42

Station = Khamonseik

River = Myitmakha

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	78	94	92	71	75	737	1675	1964	1420	1523	167	58
2013	36	31	24	12	28	80	1436	1742	2065	1412	440	173
2014	104	68	40	26	25	214	1020	1640	1887	904	28	18
2015	11	13	11	13	10	556	1931	2404	2102	1432	168	122



**DEPARTMENT OF METEOROLOGY AND HYDROLOGY**  
**Monthly Maximum Water Level (cm)**

Station = Bago

River = Bago

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	332	334	329	337	380	691	881	902	823	568	369	319
2013	330	316	360	391	535	668	794	890	742	862	602	366
2014	352	335	359	420	429	649	842	939	700	430	789	312
2015	341	402	372	346	414	744	910	899	807	751	396	302

Station = Zaungtu

River = Bago

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	336	332	324	261	398	436	665	628	484	320	272	237
2013	180	164	155	165	175	278	516	608	406	753	317	182
2014	151	140	142	207	227	427	542	745	403	233	395	208
2015	207	194	171	158	177	362	594	517	532	478	215	174

Station = Khamonseik

River = Myitmakha

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2012	505	531	528	492	498	980	1300	1364	1235	1261	620	466
2013	431	421	391	365	408	510	1239	1318	1381	1233	830	625
2014	544	484	440	402	393	665	1100	1293	1348	1055	408	377
2015	362	368	363	368	360	893	1358	1453	1388	1238	621	569

## H-2 Annual Minimun and Maximun Water Tide Level at Two Stations

<b>Elephant Point</b>			
Year	Date	Time	Height(m)
1981	17-Oct	0017	0.66
		0458	7.38
1983	24-Oct	0347	7.17
		1140	0.80
1985	16-Oct	0349	7.47
		1139	0.54
1988	28-Aug	1551	7.27
		2327	0.68
1991	10-Sep	0412	7.08
		1114	0.90
1992	31-Jul	1616	7.44
		2334	0.80
1993	19-Aug	1616	7.50
		2347	0.94
1994	07-Oct	0411	7.63
		1145	1.23
1995	26-Oct	0401	7.16
		1139	0.83
1996	13-Nov	0350	7.52
		1144	1.18
1997	21-Aug	0009	0.71
		0446	7.57
1998	07-Oct	0331	7.74
		1121	1.14
1999	27-Oct	0404	7.89
		1156	0.96
2000	14-Nov	0456	7.66
		1155	0.97
2001	20-Aug	1544	7.59
		2341	1.03
2002	06-Nov	0323	7.91
		1110	1.06
2003	29-Set	0506	7.57

<b>Monkey Point (Yangon)</b>		
Date	Time	Height(m)
17-Oct	0207	0.99
	0608	6.80
24-Oct	0117	0.99
	0445	6.32
16-Oct	0125	1.10
	0457	6.94
28-Aug	1304	1.51
	1638	7.10
10-Sep	0052	1.06
	0501	6.82
31-Jul	1243	1.21
	1652	6.93
19-Aug	1320	1.44
	1656	7.12
08-Oct	0157	1.12
	0520	6.99
17-Oct	0146	0.97
	0524	6.78
13-Nov	0133	0.85
	0449	6.37
21-Aug	1412	1.38
	17.58	7.16
07-Oct	1322	1.05
	1647	6.88
27-Oct	0456	7.00
	1356	0.79
14-Nov	0512	6.69
	1355	0.61
20-Aug	1308	1.66
	1636	7.13
06-Nov	0426	6.71
	1324	0.71
29-Set	0547	7.09

		1157	0.94
2004	17-Oct	0453	7.48
		1150	1.17
2005	21-Set	0507	7.27
		1150	1.09
2006	09-Oct	0420	7.49
		1110	0.99
2007	29-Set	0434	7.61
		1125	0.93
2008	17-Oct	0422	7.51
		1120	1.15
2009	08-Oct	0515	7.31
		1210	1.40
2010	12-Aug	1657	7.38
		2344	1.38
2011	04-Jul	1327	1.48
		1809	6.89
2012	19-Set	2328	1.30
		0500	7.55
2013	08-Oct	0453	7.44
		1150	1.19
2014	11-Set	0430	7.37
		1116	0.98
2015	30-Set	0425	7.57
		1115	0.87
2016	18-Oct	0420	7.63
		1113	0.86
2017			

		1319	1.03
17-Oct	0533	6.82	
	1314	1.06	
21-Set	0556	6.84	
	1317	1.15	
09-Oct	0508	7.07	
	1234	0.81	
29-Set	0529	7.46	
	1337	1.07	
17-Oct	0500	6.75	
	1249	0.82	
08-Oct	0604	7.21	
	1355	1.32	
12-Aug	0035	0.98	
	0516	6.78	
04-Jul	1153	1.52	
	1726	7.10	
19-Set	0541	7.03	
	1323	1.17	
08-Oct	0526	7.23	
	1342	1.31	
11-Set	0036	0.92	
	0512	7.07	
30-Set	0040	0.95	
	0506	7.53	
18-Oct	0459	7.06	
	1246	0.62	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2005 Datum : MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-05	2.560	1.981	
2	02-Jan-05	2.560	2.377	
3	03-Jan-05	2.560	2.316	
4	04-Jan-05	2.560	1.615	
5	05-Jan-05	2.530	0.762	
6	06-Jan-05	2.530	-0.701	
7	07-Jan-05	2.530	-	
8	08-Jan-05	2.499	-	
9	09-Jan-05	2.499	-0.823	
10	10-Jan-05	2.469	-0.366	
11	11-Jan-05	2.469	0.152	
12	12-Jan-05	2.438	0.701	
13	13-Jan-05	2.438	1.372	
14	14-Jan-05	2.438	1.920	
15	15-Jan-05	2.438	2.652	
16	16-Jan-05	2.438	2.865	
17	17-Jan-05	2.408	2.225	
18	18-Jan-05	2.377	1.311	
19	19-Jan-05	2.377	0.213	
20	20-Jan-05	2.377	-0.853	
21	21-Jan-05	2.347	-	
22	22-Jan-05	2.347	-	
23	23-Jan-05	2.347	-0.671	
24	24-Jan-05	2.316	-0.030	
25	25-Jan-05	2.316	-0.030	
26	26-Jan-05	2.286	0.274	
27	27-Jan-05	2.286	-	
28	28-Jan-05	2.286	1.189	
29	29-Jan-05	2.255	1.554	
30	30-Jan-05	2.255	2.012	
31	31-Jan-05	2.225	2.255	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2005 Datum : MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-05	2.225	2.469	
2	02-Feb-05	2.225	2.133	
3	03-Feb-05	2.194	1.372	
4	04-Feb-05	2.164	0.091	
5	05-Feb-05	2.164	-	
6	06-Feb-05	2.164	-	
7	07-Feb-05	2.133	-0.823	
8	08-Feb-05	2.133	-0.396	
9	09-Feb-05	2.103	0.091	
10	10-Feb-05	0.210	0.640	
11	11-Feb-05	2.073	1.798	
12	12-Feb-05	2.042	1.402	
13	13-Feb-05	2.042	1.951	
14	14-Feb-05	2.012	2.255	
15	15-Feb-05	2.012	2.408	
16	16-Feb-05	1.981	1.737	
17	17-Feb-05	1.981	0.701	
18	18-Feb-05	1.951	-0.152	
19	19-Feb-05	1.951	-	
20	20-Feb-05	1.920	-	
21	21-Feb-05	1.920	-0.762	
22	22-Feb-05	1.920	-0.762	
23	23-Feb-05	1.890	-0.183	
24	24-Feb-05	1.890	0.061	
25	25-Feb-05	1.859	0.061	
26	26-Feb-05	1.859	0.305	
27	27-Feb-05	1.829	0.975	
28	28-Feb-05	1.829	1.280	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-05	1.798	1.890	
2	02-Mar-05	1.768	2.164	
3	03-Mar-05	1.737	2.225	
4	04-Mar-05	1.737	1.524	
5	05-Mar-05	1.707	-0.213	
6	06-Mar-05	1.707	-	
7	07-Mar-05	1.676	-	
8	08-Mar-05	1.676	-	
9	09-Mar-05	1.646	-0.518	
10	10-Mar-05	1.646	-0.427	
11	11-Mar-05	1.646	0.366	
12	12-Mar-05	1.615	0.640	
13	13-Mar-05	1.615	1.219	
14	14-Mar-05	1.615	1.524	
15	15-Mar-05	1.585	1.890	
16	16-Mar-05	1.585	2.194	
17	17-Mar-05	1.554	1.829	
18	18-Mar-05	1.554	1.768	
19	19-Mar-05	1.524	0.366	
20	20-Mar-05	1.524	-	
21	21-Mar-05	1.493	-	
22	22-Mar-05	1.493	-	
23	23-Mar-05	1.493	-	
24	24-Mar-05	1.493	-	
25	25-Mar-05	1.493	-0.213	
26	26-Mar-05	1.493	-0.091	
27	27-Mar-05	1.463	0.305	
28	28-Mar-05	1.463	0.640	
29	29-Mar-05	1.493	1.128	
30	30-Mar-05	1.432	1.585	
31	31-Mar-05	1.432	2.194	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-05	1.432	2.408	
2	02-Apr-05	1.402	1.829	
3	03-Apr-05	1.402	0.549	
4	04-Apr-05	1.402	-	
5	05-Apr-05	1.402	-	
6	06-Apr-05	1.402	-	
7	07-Apr-05	1.372	-	
8	08-Apr-05	1.372	0.213	
9	09-Apr-05	1.372	0.061	
10	10-Apr-05	1.372	0.457	
11	11-Apr-05	1.372	0.579	
12	12-Apr-05	1.341	1.493	
13	13-Apr-05	1.341	1.646	
14	14-Apr-05	1.341	2.073	
15	15-Apr-05	1.311	1.951	
16	16-Apr-05	1.311	1.585	
17	17-Apr-05	1.311	0.945	
18	18-Apr-05	1.280	-0.061	
19	19-Apr-05	1.280	-	
20	20-Apr-05	1.280	-	
21	21-Apr-05	1.280	-	
22	22-Apr-05	1.280	-	
23	23-Apr-05	1.250	-	
24	24-Apr-05	1.250	-	
25	25-Apr-05	1.250	0.122	
26	26-Apr-05	1.250	0.640	
27	27-Apr-05	1.250	1.067	
28	28-Apr-05	1.219	1.554	
29	29-Apr-05	1.219	2.316	
30	30-Apr-05	1.219	2.438	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-05	1.189	1.951	
2	02-May-05	1.189	0.610	
3	03-May-05	1.189	-	
4	04-May-05	1.158	-	
5	05-May-05	1.158	-	
6	06-May-05	1.158	-	
7	07-May-05	1.128	-	
8	08-May-05	1.128	-	
9	09-May-05	1.128	0.030	
10	10-May-05	1.128	0.853	
11	11-May-05	1.128	0.640	
12	12-May-05	1.128	1.402	
13	13-May-05	1.128	1.798	
14	14-May-05	1.128	2.042	
15	15-May-05	1.128	1.951	
16	16-May-05	1.097	1.615	
17	17-May-05	1.097	1.158	
18	18-May-05	1.097	-	
19	19-May-05	1.097	-	
20	20-May-05	1.097	-	
21	21-May-05	1.097	-	
22	22-May-05	1.097	-	
23	23-May-05	1.097	-	
24	24-May-05	1.097	-	
25	25-May-05	1.097	-	
26	26-May-05	1.097	0.731	
27	27-May-05	1.097	1.524	
28	28-May-05	1.097	2.469	
29	29-May-05	1.097	2.804	
30	30-May-05	1.097	2.286	
31	31-May-05	1.097	1.341	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-05	1.158	-	
2	02-Jun-05	1.250	-	
3	03-Jun-05	1.432	-	
4	04-Jun-05	1.432	-	
5	05-Jun-05	1.524	-0.457	
6	06-Jun-05	0.396	-0.518	
7	07-Jun-05	0.183	0.061	
8	08-Jun-05	0.061	-0.305	
9	09-Jun-05	0.274	0.762	
10	10-Jun-05	0.579	1.402	
11	11-Jun-05	0.792	1.768	
12	12-Jun-05	0.457	2.194	
13	13-Jun-05	0.427	2.652	
14	14-Jun-05	0.122	2.713	
15	15-Jun-05	-0.152	2.225	
16	16-Jun-05	0.305	1.250	
17	17-Jun-05	0.792	0.640	
18	18-Jun-05	0.792	0.640	
19	19-Jun-05	-0.091	-1.067	
20	20-Jun-05	-0.091	-1.036	
21	21-Jun-05	0.213	-0.366	
22	22-Jun-05	0.457	-0.305	
23	23-Jun-05	0.610	0.305	
24	24-Jun-05	1.067	0.975	
25	25-Jun-05	1.951	1.707	
26	26-Jun-05	2.774	2.652	
27	27-Jun-05	2.286	3.383	
28	28-Jun-05	1.646	3.139	
29	29-Jun-05	1.311	2.499	
30	30-Jun-05	1.524	2.621	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-05	1.280	0.640	
2	02-Jul-05	0.610	-1.158	
3	03-Jul-05	0.610	-1.158	
4	04-Jul-05	0.457	-0.457	
5	05-Jul-05	1.097	-0.122	
6	06-Jul-05	1.280	0.091	
7	07-Jul-05	1.128	0.488	
8	08-Jul-05	1.707	1.006	
9	09-Jul-05	1.859	1.311	
10	10-Jul-05	1.798	1.829	
11	11-Jul-05	1.097	2.225	
12	12-Jul-05	0.366	2.469	
13	13-Jul-05	0.366	2.956	
14	14-Jul-05	0.914	3.048	
15	15-Jul-05	0.366	2.438	
16	16-Jul-05	0.427	2.286	
17	17-Jul-05	0.030	0.853	
18	18-Jul-05	-0.183	-0.762	
19	19-Jul-05	-0.152	-1.097	
20	20-Jul-05	0.061	-0.549	
21	21-Jul-05	0.274	0.213	
22	22-Jul-05	0.762	0.305	
23	23-Jul-05	1.219	1.067	
24	24-Jul-05	1.676	1.737	
25	25-Jul-05	2.316	2.499	
26	26-Jul-05	2.438	3.444	
27	27-Jul-05	2.835	3.688	
28	28-Jul-05	2.499	3.353	
29	29-Jul-05	1.707	2.530	
30	30-Jul-05	1.768	1.585	
31	31-Jul-05	1.402	0.488	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-05	1.128	-1.128	
2	02-Aug-05	1.250	-0.823	
3	03-Aug-05	1.402	-0.549	
4	04-Aug-05	1.280	0.305	
5	05-Aug-05	1.402	0.396	
6	06-Aug-05	1.554	0.762	
7	07-Aug-05	1.707	1.158	
8	08-Aug-05	1.341	1.768	
9	09-Aug-05	1.890	2.316	
10	10-Aug-05	2.103	2.621	
11	11-Aug-05	1.829	3.139	
12	12-Aug-05	1.432	3.261	
13	13-Aug-05	1.829	3.322	
14	14-Aug-05	1.829	2.713	
15	15-Aug-05	1.432	1.585	
16	16-Aug-05	0.701	0.122	
17	17-Aug-05	0.762	-0.914	
18	18-Aug-05	0.914	-0.792	
19	19-Aug-05	1.707	0.183	
20	20-Aug-05	1.981	0.244	
21	21-Aug-05	1.829	1.189	
22	22-Aug-05	1.890	1.341	
23	23-Aug-05	1.768	2.073	
24	24-Aug-05	1.463	3.017	
25	25-Aug-05	0.884	3.078	
26	26-Aug-05	0.396	3.139	
27	27-Aug-05	0.152	2.438	
28	28-Aug-05	0.457	1.493	
29	29-Aug-05	0.335	0.549	
30	30-Aug-05	0.213	-0.244	
31	31-Aug-05	0.122	-0.427	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-05	0.183	-0.488	
2	02-Sep-05	0.488	0.152	
3	03-Sep-05	0.488	0.518	
4	04-Sep-05	0.945	0.731	
5	05-Sep-05	1.585	1.585	
6	06-Sep-05	2.133	1.524	
7	07-Sep-05	2.408	2.103	
8	08-Sep-05	2.499	2.133	
9	09-Sep-05	2.377	2.652	
10	10-Sep-05	2.408	2.926	
11	11-Sep-05	2.804	3.048	
12	12-Sep-05	2.591	2.469	
13	13-Sep-05	2.255	1.676	
14	14-Sep-05	1.829	-1.189	
15	15-Sep-05	2.012	-0.701	
16	16-Sep-05	2.438	-0.122	
17	17-Sep-05	2.530	0.061	
18	18-Sep-05	2.377	0.457	
19	19-Sep-05	2.225	0.731	
20	20-Sep-05	2.560	1.036	
21	21-Sep-05	2.560	1.829	
22	22-Sep-05	2.530	2.255	
23	23-Sep-05	2.499	2.469	
24	24-Sep-05	2.530	2.560	
25	25-Sep-05	2.438	2.377	
26	26-Sep-05	2.499	1.707	
27	27-Sep-05	2.377	0.610	
28	28-Sep-05	2.073	-0.183	
29	29-Sep-05	2.103	-0.274	
30	30-Sep-05	2.316	-0.305	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-05	2.347	0.152	
2	02-Oct-05	2.408	-0.091	
3	03-Oct-05	2.438	0.579	
4	04-Oct-05	2.469	0.396	
5	05-Oct-05	2.499	0.731	
6	06-Oct-05	2.591	0.975	
7	07-Oct-05	2.621	1.859	
8	08-Oct-05	2.621	1.981	
9	09-Oct-05	2.652	2.194	
10	10-Oct-05	2.713	2.652	
11	11-Oct-05	2.713	2.225	
12	12-Oct-05	2.713	1.128	
13	13-Oct-05	2.713	0.030	
14	14-Oct-05	2.713	-0.610	
15	15-Oct-05	2.713	-0.427	
16	16-Oct-05	2.713	-0.305	
17	17-Oct-05	2.713	0.030	
18	18-Oct-05	2.682	0.366	
19	19-Oct-05	2.621	0.640	
20	20-Oct-05	2.621	1.067	
21	21-Oct-05	2.652	1.646	
22	22-Oct-05	2.682	1.981	
23	23-Oct-05	2.713	2.408	
24	24-Oct-05	2.713	2.347	
25	25-Oct-05	2.713	2.012	
26	26-Oct-05	2.713	1.250	
27	27-Oct-05	2.804	0.183	
28	28-Oct-05	2.835	-1.097	
29	29-Oct-05	2.774	-0.701	
30	30-Oct-05	2.774	-0.701	
31	31-Oct-05	2.743	-0.549	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-05	2.743	0.152	
2	02-Nov-05	2.713	0.061	
3	03-Nov-05	2.743	0.457	
4	04-Nov-05	2.774	1.067	
5	05-Nov-05	2.804	1.372	
6	06-Nov-05	2.895	1.554	
7	07-Nov-05	2.682	2.530	
8	08-Nov-05	2.835	2.895	
9	09-Nov-05	2.774	2.438	
10	10-Nov-05	2.682	1.372	
11	11-Nov-05	2.682	0.183	
12	12-Nov-05	2.743	-0.945	
13	13-Nov-05	2.774	-0.853	
14	14-Nov-05	2.804	-0.640	
15	15-Nov-05	2.804	-0.396	
16	16-Nov-05	2.835	-0.122	
17	17-Nov-05	2.835	0.213	
18	18-Nov-05	2.835	0.731	
19	19-Nov-05	2.865	1.128	
20	20-Nov-05	2.865	2.499	
21	21-Nov-05	2.865	2.133	
22	22-Nov-05	2.865	1.829	
23	23-Nov-05	2.865	2.225	
24	24-Nov-05	2.865	1.676	
25	25-Nov-05	2.835	0.945	
26	26-Nov-05	2.835	0.061	
27	27-Nov-05	2.835	-0.975	
28	28-Nov-05	2.835	-1.036	
29	29-Nov-05	2.804	-0.823	
30	30-Nov-05	2.804	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2005 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-05	2.774	-0.213	
2	02-Dec-05	2.743	0.244	
3	03-Dec-05	2.743	0.792	
4	04-Dec-05	2.743	0.823	
5	05-Dec-05	2.743	1.615	
6	06-Dec-05	2.743	2.438	
7	07-Dec-05	2.804	2.865	
8	08-Dec-05	2.835	2.774	
9	09-Dec-05	2.804	1.463	
10	10-Dec-05	2.804	0.274	
11	11-Dec-05	2.774	-0.701	
12	12-Dec-05	2.774	-1.036	
13	13-Dec-05	2.743	-1.158	
14	14-Dec-05	2.743	-0.731	
15	15-Dec-05	2.743	-0.183	
16	16-Dec-05	2.743	0.091	
17	17-Dec-05	2.713	0.366	
18	18-Dec-05	2.713	0.914	
19	19-Dec-05	2.713	1.219	
20	20-Dec-05	2.682	1.524	
21	21-Dec-05	2.682	1.707	
22	22-Dec-05	2.682	2.316	
23	23-Dec-05	2.652	2.286	
24	24-Dec-05	2.652	1.981	
25	25-Dec-05	2.621	1.067	
26	26-Dec-05	2.713	0.183	
27	27-Dec-05	2.713	-1.097	
28	28-Dec-05	2.713	-0.914	
29	29-Dec-05	2.713	-1.036	
30	30-Dec-05	2.682	-0.549	
31	31-Dec-05	2.682	-0.091	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-06	2.682	0.427	
2	02-Jan-06	2.713	0.945	
3	03-Jan-06	2.743	1.311	
4	04-Jan-06	2.743	2.164	
5	05-Jan-06	2.774	2.804	
6	06-Jan-06	2.774	2.804	
7	07-Jan-06	2.774	2.103	
8	08-Jan-06	2.774	0.975	
9	09-Jan-06	2.774	-0.396	
10	10-Jan-06	2.774	-	
11	11-Jan-06	2.743	-	
12	12-Jan-06	2.743	-0.640	
13	13-Jan-06	2.713	-0.457	
14	14-Jan-06	2.713	-0.122	
15	15-Jan-06	2.713	0.122	
16	16-Jan-06	2.682	0.488	
17	17-Jan-06	2.682	0.853	
18	18-Jan-06	2.682	1.219	
19	19-Jan-06	2.682	1.676	
20	20-Jan-06	2.682	2.133	
21	21-Jan-06	2.682	2.255	
22	22-Jan-06	2.682	2.194	
23	23-Jan-06	2.682	1.646	
24	24-Jan-06	2.682	0.549	
25	25-Jan-06	2.652	-0.427	
26	26-Jan-06	2.652	-	
27	27-Jan-06	2.652	-1.189	
28	28-Jan-06	2.621	-0.731	
29	29-Jan-06	2.591	-0.488	
30	30-Jan-06	2.591	0.091	
31	31-Jan-06	2.591	0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-06	2.560	1.250	
2	02-Feb-06	2.560	2.042	
3	03-Feb-06	2.560	2.377	
4	04-Feb-06	2.560	2.682	
5	05-Feb-06	2.560	2.316	
6	06-Feb-06	2.560	1.311	
7	07-Feb-06	2.530	-0.030	
8	08-Feb-06	2.530	-	
9	09-Feb-06	2.530	-	
10	10-Feb-06	2.530	-	
11	11-Feb-06	2.530	-0.640	
12	12-Feb-06	2.499	-0.305	
13	13-Feb-06	2.499	0.213	
14	14-Feb-06	2.499	0.427	
15	15-Feb-06	2.469	0.731	
16	16-Feb-06	2.438	0.914	
17	17-Feb-06	3.048	1.097	
18	18-Feb-06	2.438	1.524	
19	19-Feb-06	2.408	1.981	
20	20-Feb-06	2.408	2.164	
21	21-Feb-06	2.377	2.042	
22	22-Feb-06	2.377	1.036	
23	23-Feb-06	2.347	0.091	
24	24-Feb-06	2.347	-	
25	25-Feb-06	2.316	-	
26	26-Feb-06	2.316	-0.792	
27	27-Feb-06	2.286	-0.488	
28	28-Feb-06	2.255	0.030	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-06	2.255	0.427	
2	02-Mar-06	2.255	0.792	
3	03-Mar-06	2.255	1.036	
4	04-Mar-06	2.255	1.859	
5	05-Mar-06	2.255	2.438	
6	06-Mar-06	2.316	2.408	
7	07-Mar-06	2.316	1.280	
8	08-Mar-06	2.316	0.427	
9	09-Mar-06	2.316	-	
10	10-Mar-06	2.316	-	
11	11-Mar-06	2.316	-	
12	12-Mar-06	2.316	-	
13	13-Mar-06	2.286	-0.457	
14	14-Mar-06	2.286	-0.244	
15	15-Mar-06	2.255	0.366	
16	16-Mar-06	2.225	0.244	
17	17-Mar-06	2.225	0.579	
18	18-Mar-06	2.225	0.975	
19	19-Mar-06	2.194	1.250	
20	20-Mar-06	2.194	1.707	
21	21-Mar-06	2.194	2.012	
22	22-Mar-06	2.164	2.042	
23	23-Mar-06	2.164	1.493	
24	24-Mar-06	2.133	0.244	
25	25-Mar-06	2.133	-	
26	26-Mar-06	2.133	-	
27	27-Mar-06	2.103	-	
28	28-Mar-06	2.103	-	
29	29-Mar-06	2.073	-0.427	
30	30-Mar-06	2.073	-0.213	
31	31-Mar-06	2.073	0.518	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-06	2.042	0.975	
2	02-Apr-06	2.042	1.676	
3	03-Apr-06	2.042	2.255	
4	04-Apr-06	2.042	2.194	
5	05-Apr-06	2.012	1.737	
6	06-Apr-06	2.012	0.823	
7	07-Apr-06	1.981	-	
8	08-Apr-06	1.981	-	
9	09-Apr-06	1.951	-	
10	10-Apr-06	1.951	-	
11	11-Apr-06	1.920	-	
12	12-Apr-06	1.920	-	
13	13-Apr-06	1.920	-0.152	
14	14-Apr-06	1.890	0.427	
15	15-Apr-06	1.890	0.579	
16	16-Apr-06	1.890	0.579	
17	17-Apr-06	1.859	1.097	
18	18-Apr-06	1.859	1.463	
19	19-Apr-06	1.829	1.981	
20	20-Apr-06	1.829	2.194	
21	21-Apr-06	1.829	1.676	
22	22-Apr-06	1.829	0.396	
23	23-Apr-06	1.829	-	
24	24-Apr-06	1.798	-	
25	25-Apr-06	1.798	-	
26	26-Apr-06	1.798	-	
27	27-Apr-06	1.798	-	
28	28-Apr-06	1.829	0.061	
29	29-Apr-06	2.012	0.975	
30	30-Apr-06	2.255	0.701	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-06	2.316	1.280	
2	02-May-06	2.408	1.737	
3	03-May-06	2.438	2.133	
4	04-May-06	2.438	1.981	
5	05-May-06	2.469	1.524	
6	06-May-06	2.469	0.579	
7	07-May-06	2.469	-0.061	
8	08-May-06	2.469	-	
9	09-May-06	2.469	-	
10	10-May-06	2.438	-	
11	11-May-06	2.438	-	
12	12-May-06	2.438	-	
13	13-May-06	2.438	-0.061	
14	14-May-06	2.438	-0.244	
15	15-May-06	2.408	0.518	
16	16-May-06	2.408	0.914	
17	17-May-06	2.530	1.646	
18	18-May-06	2.560	2.255	
19	19-May-06	2.591	2.621	
20	20-May-06	2.621	2.347	
21	21-May-06	2.774	1.737	
22	22-May-06	2.591	0.183	
23	23-May-06	2.012	-1.280	
24	24-May-06	1.158	-1.311	
25	25-May-06	0.610	-1.067	
26	26-May-06	0.396	-0.305	
27	27-May-06	0.427	-0.244	
28	28-May-06	0.457	0.152	
29	29-May-06	0.122	1.250	
30	30-May-06	0.183	1.219	
31	31-May-06	0.975	1.737	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-06	1.768	2.164	
2	02-Jun-06	1.311	2.347	
3	03-Jun-06	0.701	2.347	
4	04-Jun-06	0.274	1.768	
5	05-Jun-06	0.213	1.189	
6	06-Jun-06	0.335	0.640	
7	07-Jun-06	2.194	-0.305	
8	08-Jun-06	1.920	-0.640	
9	09-Jun-06	1.311	-0.914	
10	10-Jun-06	1.493	-1.158	
11	11-Jun-06	1.737	-0.457	
12	12-Jun-06	1.432	0.152	
13	13-Jun-06	1.341	0.640	
14	14-Jun-06	1.890	0.914	
15	15-Jun-06	1.768	1.707	
16	16-Jun-06	-	0.945	
17	17-Jun-06	1.067	2.956	
18	18-Jun-06	0.488	3.078	
19	19-Jun-06	0.823	2.377	
20	20-Jun-06	0.396	1.341	
21	21-Jun-06	0.366	-0.183	
22	22-Jun-06	0.213	-1.341	
23	23-Jun-06	-0.061	1.189	
24	24-Jun-06	0.030	-0.396	
25	25-Jun-06	0.091	0.061	
26	26-Jun-06	0.701	0.183	
27	27-Jun-06	0.823	0.853	
28	28-Jun-06	1.128	1.402	
29	29-Jun-06	1.951	1.920	
30	30-Jun-06	1.554	2.073	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-06	1.615	2.591	
2	02-Jul-06	1.737	2.865	
3	03-Jul-06	2.774	2.895	
4	04-Jul-06	2.408	2.743	
5	05-Jul-06	2.073	1.737	
6	06-Jul-06	1.341	1.097	
7	07-Jul-06	0.640	0.152	
8	08-Jul-06	1.280	-0.640	
9	09-Jul-06	1.311	-1.158	
10	10-Jul-06	1.219	-0.549	
11	11-Jul-06	1.768	0.030	
12	12-Jul-06	1.768	0.610	
13	13-Jul-06	1.524	0.914	
14	14-Jul-06	1.006	1.890	
15	15-Jul-06	0.579	2.560	
16	16-Jul-06	0.366	3.475	
17	17-Jul-06	0.945	3.688	
18	18-Jul-06	0.792	3.414	
19	19-Jul-06	1.097	2.377	
20	20-Jul-06	1.585	0.975	
21	21-Jul-06	1.097	-0.457	
22	22-Jul-06	1.097	-0.853	
23	23-Jul-06	0.853	-0.396	
24	24-Jul-06	0.853	-0.061	
25	25-Jul-06	0.762	0.427	
26	26-Jul-06	0.640	0.823	
27	27-Jul-06	1.158	1.250	
28	28-Jul-06	1.859	1.646	
29	29-Jul-06	1.768	2.133	
30	30-Jul-06	2.042	2.499	
31	31-Jul-06	2.286	2.865	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-06	2.469	0.427	
2	02-Aug-06	2.225	3.322	
3	03-Aug-06	2.895	2.987	
4	04-Aug-06	2.316	2.042	
5	05-Aug-06	1.311	0.731	
6	06-Aug-06	0.610	-0.244	
7	07-Aug-06	0.305	-0.610	
8	08-Aug-06	0.122	-0.396	
9	09-Aug-06	0.061	0.213	
10	10-Aug-06	-0.091	0.640	
11	11-Aug-06	0.274	1.036	
12	12-Aug-06	0.671	1.585	
13	13-Aug-06	1.158	2.225	
14	14-Aug-06	1.768	2.987	
15	15-Aug-06	1.707	3.353	
16	16-Aug-06	2.164	3.292	
17	17-Aug-06	1.920	2.499	
18	18-Aug-06	1.311	1.219	
19	19-Aug-06	1.524	-0.701	
20	20-Aug-06	1.554	-1.250	
21	21-Aug-06	1.128	-0.762	
22	22-Aug-06	1.097	-0.274	
23	23-Aug-06	0.945	0.091	
24	24-Aug-06	1.432	0.305	
25	25-Aug-06	1.798	0.610	
26	26-Aug-06	1.585	1.067	
27	27-Aug-06	1.280	1.463	
28	28-Aug-06	1.067	2.042	
29	29-Aug-06	1.128	2.164	
30	30-Aug-06	0.823	2.591	
31	31-Aug-06	0.671	2.804	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-06	1.219	2.652	
2	02-Sep-06	0.914	2.194	
3	03-Sep-06	0.671	0.914	
4	04-Sep-06	0.305	-0.640	
5	05-Sep-06	0.762	-0.853	
6	06-Sep-06	1.432	-0.183	
7	07-Sep-06	1.829	0.396	
8	08-Sep-06	1.981	0.427	
9	09-Sep-06	2.103	0.671	
10	10-Sep-06	2.164	1.128	
11	11-Sep-06	2.347	1.829	
12	12-Sep-06	2.560	2.743	
13	13-Sep-06	2.408	2.743	
14	14-Sep-06	2.347	2.956	
15	15-Sep-06	2.438	2.347	
16	16-Sep-06	0.701	1.280	
17	17-Sep-06	2.774	-0.152	
18	18-Sep-06	2.591	-0.853	
19	19-Sep-06	2.865	-0.183	
20	20-Sep-06	2.591	-0.305	
21	21-Sep-06	2.713	0.091	
22	22-Sep-06	2.926	0.122	
23	23-Sep-06	2.865	0.305	
24	24-Sep-06	2.621	0.610	
25	25-Sep-06	2.591	1.006	
26	26-Sep-06	2.560	1.372	
27	27-Sep-06	2.713	1.981	
28	28-Sep-06	2.713	2.438	
29	29-Sep-06	2.682	2.804	
30	30-Sep-06	2.591	2.591	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-06	2.652	2.133	
2	02-Oct-06	2.682	0.914	
3	03-Oct-06	3.017	-0.244	
4	04-Oct-06	2.895	-1.128	
5	05-Oct-06	2.560	-0.610	
6	06-Oct-06	2.621	-0.122	
7	07-Oct-06	2.591	0.213	
8	08-Oct-06	2.652	0.884	
9	09-Oct-06	2.713	1.036	
10	10-Oct-06	2.743	1.402	
11	11-Oct-06	2.621	1.829	
12	12-Oct-06	2.499	2.530	
13	13-Oct-06	2.591	2.835	
14	14-Oct-06	2.499	2.164	
15	15-Oct-06	2.408	1.097	
16	16-Oct-06	2.469	0.213	
17	17-Oct-06	2.591	-0.335	
18	18-Oct-06	2.682	-0.488	
19	19-Oct-06	2.743	-0.579	
20	20-Oct-06	2.743	-0.274	
21	21-Oct-06	2.774	-0.030	
22	22-Oct-06	2.804	0.213	
23	23-Oct-06	2.804	0.488	
24	24-Oct-06	2.804	0.823	
25	25-Oct-06	2.804	0.884	
26	26-Oct-06	2.804	1.554	
27	27-Oct-06	2.804	1.890	
28	28-Oct-06	2.804	2.286	
29	29-Oct-06	2.804	2.255	
30	30-Oct-06	2.774	1.890	
31	31-Oct-06	2.774	0.853	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-06	2.774	-1.402	
2	02-Nov-06	2.774	-1.219	
3	03-Nov-06	2.743	-0.945	
4	04-Nov-06	2.743	-0.640	
5	05-Nov-06	2.743	-0.335	
6	06-Nov-06	2.743	0.061	
7	07-Nov-06	2.713	0.457	
8	08-Nov-06	2.713	0.914	
9	09-Nov-06	2.713	1.402	
10	10-Nov-06	2.713	1.829	
11	11-Nov-06	2.713	1.981	
12	12-Nov-06	2.682	1.920	
13	13-Nov-06	2.682	1.341	
14	14-Nov-06	2.682	0.549	
15	15-Nov-06	2.682	-0.610	
16	16-Nov-06	2.652	-1.067	
17	17-Nov-06	2.652	-1.097	
18	18-Nov-06	2.652	-0.792	
19	19-Nov-06	2.621	-0.853	
20	20-Nov-06	2.621	-0.488	
21	21-Nov-06	2.621	-0.305	
22	22-Nov-06	2.621	-0.061	
23	23-Nov-06	2.652	0.518	
24	24-Nov-06	2.652	1.036	
25	25-Nov-06	2.652	1.798	
26	26-Nov-06	2.652	2.194	
27	27-Nov-06	2.652	1.829	
28	28-Nov-06	2.621	2.103	
29	29-Nov-06	2.591	1.128	
30	30-Nov-06	2.560	-0.274	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2006 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-06	2.560	-	
2	02-Dec-06	2.560	-	
3	03-Dec-06	2.530	-1.219	
4	04-Dec-06	2.560	-0.914	
5	05-Dec-06	2.591	-0.427	
6	06-Dec-06	2.621	0.152	
7	07-Dec-06	2.652	0.792	
8	08-Dec-06	2.652	1.158	
9	09-Dec-06	2.682	2.895	
10	10-Dec-06	2.652	2.103	
11	11-Dec-06	2.652	2.133	
12	12-Dec-06	2.621	1.890	
13	13-Dec-06	2.591	0.975	
14	14-Dec-06	2.591	0.457	
15	15-Dec-06	2.560	-0.091	
16	16-Dec-06	2.530	-	
17	17-Dec-06	2.530	-	
18	18-Dec-06	2.499	-0.945	
19	19-Dec-06	2.499	-	
20	20-Dec-06	2.469	-0.945	
21	21-Dec-06	2.438	-0.488	
22	22-Dec-06	2.438	0.488	
23	23-Dec-06	2.438	0.914	
24	24-Dec-06	2.438	1.250	
25	25-Dec-06	2.438	1.951	
26	26-Dec-06	2.438	2.286	
27	27-Dec-06	2.438	2.499	
28	28-Dec-06	2.408	1.768	
29	29-Dec-06	2.377	0.549	
30	30-Dec-06	2.347	-0.975	
31	31-Dec-06	2.316	-	

**Baw chaung Sluice (Everyday 9:00 AM)**  
**January-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-07	2.316	-	
2	02-Jan-07	2.316	-1.036	
3	03-Jan-07	2.316	-0.579	
4	04-Jan-07	2.316	-0.091	
5	05-Jan-07	2.286	0.335	
6	06-Jan-07	2.316	1.036	
7	07-Jan-07	2.316	1.280	
8	08-Jan-07	2.316	1.402	
9	09-Jan-07	2.347	2.073	
10	10-Jan-07	2.377	2.194	
11	11-Jan-07	2.377	2.042	
12	12-Jan-07	2.347	1.280	
13	13-Jan-07	2.347	0.701	
14	14-Jan-07	2.316	-0.366	
15	15-Jan-07	2.316	-	
16	16-Jan-07	2.286	-	
17	17-Jan-07	2.255	-0.823	
18	18-Jan-07	2.255	-0.518	
19	19-Jan-07	2.255	-0.183	
20	20-Jan-07	2.225	0.152	
21	21-Jan-07	2.194	0.671	
22	22-Jan-07	2.194	1.311	
23	23-Jan-07	2.194	1.737	
24	24-Jan-07	2.164	2.255	
25	25-Jan-07	2.133	2.713	
26	26-Jan-07	2.133	2.194	
27	27-Jan-07	2.103	1.097	
28	28-Jan-07	2.103	-0.335	
29	29-Jan-07	2.073	-	
30	30-Jan-07	2.042	-	
31	31-Jan-07	2.042	-0.914	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-07	2.012	-0.305	
2	02-Feb-07	2.012	-0.061	
3	03-Feb-07	2.012	0.579	
4	04-Feb-07	2.012	0.731	
5	05-Feb-07	2.012	1.280	
6	06-Feb-07	2.012	1.219	
7	07-Feb-07	2.012	1.798	
8	08-Feb-07	2.012	1.920	
9	09-Feb-07	2.012	2.133	
10	10-Feb-07	2.012	1.798	
11	11-Feb-07	2.012	1.097	
12	12-Feb-07	2.012	0.305	
13	13-Feb-07	1.981	-	
14	14-Feb-07	1.981	-	
15	15-Feb-07	1.951	-	
16	16-Feb-07	1.951	-0.640	
17	17-Feb-07	1.920	-0.305	
18	18-Feb-07	1.890	0.122	
19	19-Feb-07	1.890	0.457	
20	20-Feb-07	1.890	0.884	
21	21-Feb-07	1.829	1.280	
22	22-Feb-07	1.829	1.981	
23	23-Feb-07	1.798	2.377	
24	24-Feb-07	1.768	2.316	
25	25-Feb-07	1.737	1.128	
26	26-Feb-07	1.707	-0.152	
27	27-Feb-07	1.707	-	
28	28-Feb-07	1.676	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-07	1.646	-	
2	02-Mar-07	1.615	-0.488	
3	03-Mar-07	1.585	-0.152	
4	04-Mar-07	1.554	0.152	
5	05-Mar-07	1.524	0.305	
6	06-Mar-07	1.524	0.853	
7	07-Mar-07	1.493	1.036	
8	08-Mar-07	1.463	1.158	
9	09-Mar-07	1.463	1.432	
10	10-Mar-07	1.432	1.737	
11	11-Mar-07	1.402	1.768	
12	12-Mar-07	1.402	1.524	
13	13-Mar-07	1.372	0.610	
14	14-Mar-07	1.341	-	
15	15-Mar-07	1.341	-	
16	16-Mar-07	1.311	-	
17	17-Mar-07	1.280	-	
18	18-Mar-07	1.280	-	
19	19-Mar-07	1.250	-	
20	20-Mar-07	1.250	0.122	
21	21-Mar-07	1.219	0.671	
22	22-Mar-07	1.219	1.554	
23	23-Mar-07	1.189	1.890	
24	24-Mar-07	1.189	2.225	
25	25-Mar-07	1.158	2.103	
26	26-Mar-07	1.158	1.219	
27	27-Mar-07	1.128	0.030	
28	28-Mar-07	1.128	-	
29	29-Mar-07	1.128	-	
30	30-Mar-07	1.128	-	
31	31-Mar-07	-	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-07	1.097	-	
2	02-Apr-07	1.097	-	
3	03-Apr-07	1.067	-	
4	04-Apr-07	1.067	0.152	
5	05-Apr-07	1.067	0.671	
6	06-Apr-07	1.036	1.036	
7	07-Apr-07	1.036	1.432	
8	08-Apr-07	1.036	1.585	
9	09-Apr-07	1.036	1.920	
10	10-Apr-07	1.036	1.890	
11	11-Apr-07	1.006	1.036	
12	12-Apr-07	1.006	0.305	
13	13-Apr-07	1.006	-	
14	14-Apr-07	1.006	-	
15	15-Apr-07	1.006	-	
16	16-Apr-07	1.006	-	
17	17-Apr-07	1.006	-	
18	18-Apr-07	1.006	-	
19	19-Apr-07	1.006	0.335	
20	20-Apr-07	1.006	1.585	
21	21-Apr-07	1.006	1.585	
22	22-Apr-07	0.975	2.225	
23	23-Apr-07	0.975	2.194	
24	24-Apr-07	0.975	1.524	
25	25-Apr-07	0.975	0.457	
26	26-Apr-07	0.975	-	
27	27-Apr-07	0.975	-	
28	28-Apr-07	0.975	-	
29	29-Apr-07	0.975	-	
30	30-Apr-07	0.975	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-07	0.975	-	
2	02-May-07	0.975	-	
3	03-May-07	0.975	-	
4	04-May-07	1.006	0.731	
5	05-May-07	3.048	1.067	
6	06-May-07	2.956	1.372	
7	07-May-07	2.926	1.737	
8	08-May-07	2.774	2.194	
9	09-May-07	2.316	2.438	
10	10-May-07	1.250	2.133	
11	11-May-07	0.671	1.402	
12	12-May-07	0.671	0.122	
13	13-May-07	0.853	-0.427	
14	14-May-07	0.792	-1.067	
15	15-May-07	1.219	-0.640	
16	16-May-07	0.853	-0.640	
17	17-May-07	0.488	-0.244	
18	18-May-07	0.518	0.640	
19	19-May-07	1.036	0.945	
20	20-May-07	1.859	1.737	
21	21-May-07	1.493	2.347	
22	22-May-07	1.676	2.713	
23	23-May-07	1.128	2.347	
24	24-May-07	0.975	1.676	
25	25-May-07	0.640	0.975	
26	26-May-07	0.274	0.122	
27	27-May-07	-0.152	-0.762	
28	28-May-07	-0.152	-1.128	
29	29-May-07	-0.335	-1.189	
30	30-May-07	0.884	-0.853	
31	31-May-07	0.945	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-07	1.372	-0.335	
2	02-Jun-07	0.914	0.427	
3	03-Jun-07	1.280	0.640	
4	04-Jun-07	1.128	1.280	
5	05-Jun-07	0.914	1.615	
6	06-Jun-07	0.792	2.255	
7	07-Jun-07	0.671	2.743	
8	08-Jun-07	0.274	2.560	
9	09-Jun-07	1.006	0.975	
10	10-Jun-07	0.671	1.036	
11	11-Jun-07	0.366	-0.030	
12	12-Jun-07	0.427	-1.585	
13	13-Jun-07	0.396	-1.432	
14	14-Jun-07	0.488	-0.701	
15	15-Jun-07	0.975	-0.457	
16	16-Jun-07	0.792	0.152	
17	17-Jun-07	0.396	0.884	
18	18-Jun-07	1.402	1.402	
19	19-Jun-07	0.762	2.133	
20	20-Jun-07	0.945	2.591	
21	21-Jun-07	0.701	2.347	
22	22-Jun-07	0.549	2.682	
23	23-Jun-07	0.091	2.377	
24	24-Jun-07	-0.244	1.189	
25	25-Jun-07	0.396	0.762	
26	26-Jun-07	0.152	-0.030	
27	27-Jun-07	0.274	-0.640	
28	28-Jun-07	1.097	-0.640	
29	29-Jun-07	1.097	-0.305	
30	30-Jun-07	0.914	-0.122	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-07	1.250	0.274	
2	02-Jul-07	1.280	0.823	
3	03-Jul-07	1.189	1.311	
4	04-Jul-07	2.133	1.707	
5	05-Jul-07	3.078	2.377	
6	06-Jul-07	3.200	3.322	
7	07-Jul-07	3.170	3.749	
8	08-Jul-07	3.109	3.200	
9	09-Jul-07	2.743	2.225	
10	10-Jul-07	2.073	0.853	
11	11-Jul-07	1.280	-1.280	
12	12-Jul-07	0.823	-0.701	
13	13-Jul-07	0.610	-0.152	
14	14-Jul-07	1.615	-0.152	
15	15-Jul-07	1.951	0.335	
16	16-Jul-07	2.316	0.396	
17	17-Jul-07	2.103	1.432	
18	18-Jul-07	2.042	2.012	
19	19-Jul-07	2.530	2.347	
20	20-Jul-07	2.012	2.835	
21	21-Jul-07	1.707	3.170	
22	22-Jul-07	1.646	3.109	
23	23-Jul-07	1.280	2.560	
24	24-Jul-07	0.610	1.585	
25	25-Jul-07	0.305	0.731	
26	26-Jul-07	0.030	-0.244	
27	27-Jul-07	0.030	-0.396	
28	28-Jul-07	-0.091	-0.183	
29	29-Jul-07	-0.396	0.122	
30	30-Jul-07	-0.366	0.549	
31	31-Jul-07	0.030	0.914	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-07	0.183	1.372	
2	02-Aug-07	0.427	1.798	
3	03-Aug-07	1.158	2.255	
4	04-Aug-07	1.372	3.231	
5	05-Aug-07	1.189	3.810	
6	06-Aug-07	1.219	3.383	
7	07-Aug-07	1.372	2.560	
8	08-Aug-07	1.250	1.128	
9	09-Aug-07	2.774	-0.183	
10	10-Aug-07	2.682	-0.610	
11	11-Aug-07	2.530	-0.549	
12	12-Aug-07	2.469	0.183	
13	13-Aug-07	2.073	0.427	
14	14-Aug-07	1.493	1.006	
15	15-Aug-07	1.250	1.707	
16	16-Aug-07	1.036	1.707	
17	17-Aug-07	0.701	2.377	
18	18-Aug-07	1.219	2.591	
19	19-Aug-07	1.128	2.835	
20	20-Aug-07	0.549	3.017	
21	21-Aug-07	0.884	2.804	
22	22-Aug-07	1.097	2.286	
23	23-Aug-07	1.036	1.311	
24	24-Aug-07	0.396	-0.274	
25	25-Aug-07	0.305	-0.457	
26	26-Aug-07	0.975	-0.305	
27	27-Aug-07	1.128	0.183	
28	28-Aug-07	0.853	0.183	
29	29-Aug-07	1.189	1.006	
30	30-Aug-07	0.975	1.097	
31	31-Aug-07	1.006	1.585	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-07	0.914	2.377	
2	02-Sep-07	1.432	2.865	
3	03-Sep-07	1.219	3.292	
4	04-Sep-07	1.311	3.231	
5	05-Sep-07	1.402	2.286	
6	06-Sep-07	1.341	0.701	
7	07-Sep-07	1.432	-0.579	
8	08-Sep-07	1.341	-0.488	
9	09-Sep-07	0.945	-0.396	
10	10-Sep-07	0.731	-0.061	
11	11-Sep-07	0.853	0.152	
12	12-Sep-07	0.701	0.488	
13	13-Sep-07	0.884	0.914	
14	14-Sep-07	1.372	1.158	
15	15-Sep-07	1.951	1.250	
16	16-Sep-07	2.164	2.042	
17	17-Sep-07	2.316	2.255	
18	18-Sep-07	2.438	2.499	
19	19-Sep-07	2.438	2.591	
20	20-Sep-07	2.560	2.347	
21	21-Sep-07	2.865	1.524	
22	22-Sep-07	3.170	0.457	
23	23-Sep-07	2.895	-1.067	
24	24-Sep-07	2.804	-0.671	
25	25-Sep-07	2.804	-0.427	
26	26-Sep-07	2.926	0.183	
27	27-Sep-07	2.804	-0.244	
28	28-Sep-07	2.987	0.792	
29	29-Sep-07	3.017	1.311	
30	30-Sep-07			



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-07	3.017	2.316	
2	02-Oct-07	2.956	2.865	
3	03-Oct-07	2.926	2.926	
4	04-Oct-07	2.865	1.890	
5	05-Oct-07	2.560	0.731	
6	06-Oct-07	2.713	-0.427	
7	07-Oct-07	2.621	-0.457	
8	08-Oct-07	2.469	-0.396	
9	09-Oct-07	2.499	-0.152	
10	10-Oct-07	2.438	0.183	
11	11-Oct-07	2.621	0.366	
12	12-Oct-07	2.774	0.488	
13	13-Oct-07	2.804	0.823	
14	14-Oct-07	2.926	0.975	
15	15-Oct-07	2.835	1.402	
16	16-Oct-07	2.682	1.768	
17	17-Oct-07	2.743	2.073	
18	18-Oct-07	2.774	2.316	
19	19-Oct-07	2.743	2.194	
20	20-Oct-07	2.743	1.280	
21	21-Oct-07	2.743	0.762	
22	22-Oct-07	2.743	-0.640	
23	23-Oct-07	2.743	-0.762	
24	24-Oct-07	2.743	-0.549	
25	25-Oct-07	2.743	-0.305	
26	26-Oct-07	2.743	0.030	
27	27-Oct-07	2.743	0.396	
28	28-Oct-07	2.743	0.914	
29	29-Oct-07	2.743	1.372	
30	30-Oct-07	2.743	1.951	
31	31-Oct-07	2.743	2.530	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-07	2.743	2.743	
2	02-Nov-07	2.743	2.042	
3	03-Nov-07	2.743	1.036	
4	04-Nov-07	2.743	0.091	
5	05-Nov-07	2.774	-0.671	
6	06-Nov-07	2.774	-0.640	
7	07-Nov-07	2.774	-0.396	
8	08-Nov-07	2.774	-0.305	
9	09-Nov-07	2.743	2.895	
10	10-Nov-07	2.743	0.091	
11	11-Nov-07	2.743	0.396	
12	12-Nov-07	2.743	0.671	
13	13-Nov-07	2.713	1.219	
14	14-Nov-07	2.713	1.676	
15	15-Nov-07	2.713	2.042	
16	16-Nov-07	2.682	2.316	
17	17-Nov-07	2.682	2.225	
18	18-Nov-07	2.652	1.798	
19	19-Nov-07	2.652	1.311	
20	20-Nov-07	2.652	-0.030	
21	21-Nov-07	2.652	-1.250	
22	22-Nov-07	2.652	-1.036	
23	23-Nov-07	2.682	-0.671	
24	24-Nov-07	2.652	-0.427	
25	25-Nov-07	2.743	-0.030	
26	26-Nov-07	2.804	0.457	
27	27-Nov-07	2.804	0.945	
28	28-Nov-07	2.835	1.585	
29	29-Nov-07	2.835	2.255	
30	30-Nov-07	2.835	2.652	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2007 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-07	2.835	2.316	
2	02-Dec-07	2.835	1.311	
3	03-Dec-07	2.804	0.335	
4	04-Dec-07	2.804	-0.305	
5	05-Dec-07	2.774	-1.250	
6	06-Dec-07	2.774	-1.128	
7	07-Dec-07	2.743	-0.914	
8	08-Dec-07	2.743	-0.610	
9	09-Dec-07	2.743	-0.366	
10	10-Dec-07	2.743	-0.061	
11	11-Dec-07	2.713	0.274	
12	12-Dec-07	-	0.366	
13	13-Dec-07	2.713	1.402	
14	14-Dec-07	2.682	1.311	
15	15-Dec-07	2.682	1.951	
16	16-Dec-07	2.652	2.316	
17	17-Dec-07	2.652	2.377	
18	18-Dec-07	2.621	1.707	
19	19-Dec-07	2.621	0.396	
20	20-Dec-07	2.591	-1.158	
21	21-Dec-07	2.591	-1.250	
22	22-Dec-07	2.591	-0.762	
23	23-Dec-07	2.591	-0.518	
24	24-Dec-07	2.621	-0.183	
25	25-Dec-07	2.652	0.274	
26	26-Dec-07	2.682	0.792	
27	27-Dec-07	2.713	1.372	
28	28-Dec-07	2.743	2.042	
29	29-Dec-07	2.743	2.438	
30	30-Dec-07	2.743	2.286	
31	31-Dec-07	2.713	2.164	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-08	2.713	1.646	
2	02-Jan-08	2.713	0.853	
3	03-Jan-08	2.682	-0.366	
4	04-Jan-08	2.682	-1.128	
5	05-Jan-08	2.652	-0.975	
6	06-Jan-08	2.652	-0.823	
7	07-Jan-08	2.621	-0.549	
8	08-Jan-08	2.621	-0.122	
9	09-Jan-08	2.591	0.274	
10	10-Jan-08	2.591	0.701	
11	11-Jan-08	2.560	1.036	
12	12-Jan-08	2.560	1.372	
13	13-Jan-08	2.530	1.890	
14	14-Jan-08	2.530	2.347	
15	15-Jan-08	2.499	2.591	
16	16-Jan-08	2.499	2.194	
17	17-Jan-08	2.499	1.128	
18	18-Jan-08	2.469	-0.183	
19	19-Jan-08	2.438	-	
20	20-Jan-08	2.438	-1.158	
21	21-Jan-08	2.438	-0.518	
22	22-Jan-08	2.438	-0.274	
23	23-Jan-08	2.408	0.030	
24	24-Jan-08	2.408	0.579	
25	25-Jan-08	2.377	0.884	
26	26-Jan-08	2.377	1.067	
27	27-Jan-08	2.347	1.890	
28	28-Jan-08	2.316	2.133	
29	29-Jan-08	2.316	2.225	
30	30-Jan-08	2.316	1.951	
31	31-Jan-08	-	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-08	2.347	0.305	
2	02-Feb-08	2.347	-	
3	03-Feb-08	2.347	-	
4	04-Feb-08	2.347	-	
5	05-Feb-08	2.316	-0.671	
6	06-Feb-08	2.316	-0.366	
7	07-Feb-08	2.316	-0.030	
8	08-Feb-08	2.286	0.305	
9	09-Feb-08	2.286	0.640	
10	10-Feb-08	2.255	1.372	
11	11-Feb-08	2.255	1.951	
12	12-Feb-08	2.225	2.164	
13	13-Feb-08	2.225	2.713	
14	14-Feb-08	2.225	2.560	
15	15-Feb-08	2.194	1.493	
16	16-Feb-08	2.194	-0.122	
17	17-Feb-08	2.164	-	
18	18-Feb-08	2.133	-	
19	19-Feb-08	2.103	-0.792	
20	20-Feb-08	2.103	-0.396	
21	21-Feb-08	2.073	0.030	
22	22-Feb-08	2.073	0.305	
23	23-Feb-08	2.073	0.671	
24	24-Feb-08	2.042	1.067	
25	25-Feb-08	2.042	1.463	
26	26-Feb-08	2.012	1.951	
27	27-Feb-08	2.012	2.194	
28	28-Feb-08	1.981	1.859	
29	29-Feb-08	1.981	1.737	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-08	1.951	0.945	
2	02-Mar-08	1.951	-0.030	
3	03-Mar-08	1.920	-	
4	04-Mar-08	1.920	-	
5	05-Mar-08	1.890	-	
6	06-Mar-08	1.859	-0.549	
7	07-Mar-08	1.859	-0.335	
8	08-Mar-08	1.829	0.091	
9	09-Mar-08	1.829	0.518	
10	10-Mar-08	1.798	0.945	
11	11-Mar-08	1.798	1.768	
12	12-Mar-08	1.798	1.951	
13	13-Mar-08	1.768	2.164	
14	14-Mar-08	1.768	2.347	
15	15-Mar-08	1.737	1.493	
16	16-Mar-08	1.737	0.152	
17	17-Mar-08	1.707	-	
18	18-Mar-08	1.707	-	
19	19-Mar-08	1.707	-	
20	20-Mar-08	1.676	-	
21	21-Mar-08	1.676	-0.213	
22	22-Mar-08	1.676	0.030	
23	23-Mar-08	1.676	0.366	
24	24-Mar-08	1.646	0.762	
25	25-Mar-08	1.646	0.914	
26	26-Mar-08	1.646	1.341	
27	27-Mar-08	1.646	1.768	
28	28-Mar-08	1.615	1.890	
29	29-Mar-08	1.615	1.890	
30	30-Mar-08	1.615	1.524	
31	31-Mar-08	1.615	0.610	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-08	1.615	-0.152	
2	02-Apr-08	1.615	-	
3	03-Apr-08	1.615	-	
4	04-Apr-08	1.615	-	
5	05-Apr-08	1.615	-	
6	06-Apr-08	1.615	-0.152	
7	07-Apr-08	1.615	0.152	
8	08-Apr-08	1.615	1.219	
9	09-Apr-08	1.615	1.493	
10	10-Apr-08	1.615	1.890	
11	11-Apr-08	1.615	2.408	
12	12-Apr-08	1.615	2.225	
13	13-Apr-08	1.615	1.493	
14	14-Apr-08	1.585	0.213	
15	15-Apr-08	1.585	-	
16	16-Apr-08	1.585	-	
17	17-Apr-08	1.585	-	
18	18-Apr-08	1.585	-	
19	19-Apr-08	1.585	-	
20	20-Apr-08	1.585	-0.152	
21	21-Apr-08	1.585	0.061	
22	22-Apr-08	1.585	0.305	
23	23-Apr-08	1.585	0.762	
24	24-Apr-08	1.585	1.067	
25	25-Apr-08	1.585	1.432	
26	26-Apr-08	1.615	1.768	
27	27-Apr-08	1.615	2.164	
28	28-Apr-08	1.615	2.012	
29	29-Apr-08	1.646	1.128	
30	30-Apr-08	2.499	0.671	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-08	2.835	-0.640	
2	02-May-08	2.621	-0.640	
3	03-May-08	2.743	-0.610	
4	04-May-08	2.865	-0.671	
5	05-May-08	2.743	-0.061	
6	06-May-08	2.652	0.183	
7	07-May-08	2.255	0.640	
8	08-May-08	1.524	0.792	
9	09-May-08	0.914	1.585	
10	10-May-08	0.579	2.591	
11	11-May-08	0.274	2.530	
12	12-May-08	0.030	2.255	
13	13-May-08	0.213	0.853	
14	14-May-08	0.518	0.549	
15	15-May-08	0.122	-0.640	
16	16-May-08	0.975	-1.250	
17	17-May-08	1.493	-1.463	
18	18-May-08	0.945	-0.762	
19	19-May-08	0.488	0.549	
20	20-May-08	1.311	-0.305	
21	21-May-08	1.128	-0.152	
22	22-May-08	0.640	0.549	
23	23-May-08	0.671	0.823	
24	24-May-08	0.366	1.524	
25	25-May-08	-0.030	2.042	
26	26-May-08	-0.213	2.377	
27	27-May-08	-0.335	2.560	
28	28-May-08	-0.305	2.133	
29	29-May-08	-0.305	1.372	
30	30-May-08	-0.457	-1.067	
31	31-May-08	-0.488	-0.640	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-08	-0.518	-1.067	
2	02-Jun-08	-0.396	-0.975	
3	03-Jun-08	-0.213	-0.762	
4	04-Jun-08	0.610	-0.030	
5	05-Jun-08	1.372	0.061	
6	06-Jun-08	1.554	1.036	
7	07-Jun-08	1.737	1.737	
8	08-Jun-08	1.737	2.591	
9	09-Jun-08	1.250	3.048	
10	10-Jun-08	1.067	2.713	
11	11-Jun-08	0.671	2.164	
12	12-Jun-08	0.244	1.250	
13	13-Jun-08	0.427	0.457	
14	14-Jun-08	0.427	-0.305	
15	15-Jun-08	0.823	-0.975	
16	16-Jun-08	1.493	-1.036	
17	17-Jun-08	1.311	-0.640	
18	18-Jun-08	0.945	-0.427	
19	19-Jun-08	1.189	0.671	
20	20-Jun-08	1.067	0.366	
21	21-Jun-08	1.219	0.792	
22	22-Jun-08	1.097	1.432	
23	23-Jun-08	1.676	1.951	
24	24-Jun-08	0.823	2.133	
25	25-Jun-08	1.219	3.017	
26	26-Jun-08	1.737	3.048	
27	27-Jun-08	1.829	2.835	
28	28-Jun-08	1.463	1.798	
29	29-Jun-08	0.792	0.610	
30	30-Jun-08	0.457	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-08	0.792	-0.945	
2	02-Jul-08	1.676	-0.853	
3	03-Jul-08	1.493	-0.061	
4	04-Jul-08	1.128	0.427	
5	05-Jul-08	1.189	1.067	
6	06-Jul-08	1.311	1.585	
7	07-Jul-08	1.372	2.682	
8	08-Jul-08	2.073	3.170	
9	09-Jul-08	2.560	2.865	
10	10-Jul-08	2.347	3.109	
11	11-Jul-08	1.615	2.438	
12	12-Jul-08	0.975	1.463	
13	13-Jul-08	0.457	0.701	
14	14-Jul-08	0.183	-0.030	
15	15-Jul-08	0.640	-0.457	
16	16-Jul-08	0.427	-0.335	
17	17-Jul-08	0.396	0.030	
18	18-Jul-08	0.457	0.396	
19	19-Jul-08	0.792	0.671	
20	20-Jul-08	1.036	1.128	
21	21-Jul-08	0.945	1.646	
22	22-Jul-08	1.036	2.194	
23	23-Jul-08	0.853	2.591	
24	24-Jul-08	0.610	3.139	
25	25-Jul-08	1.189	3.536	
26	26-Jul-08	1.036	2.835	
27	27-Jul-08	1.219	3.414	
28	28-Jul-08	0.975	1.463	
29	29-Jul-08	1.920	-0.610	
30	30-Jul-08	1.951	-1.280	
31	31-Jul-08	2.377	-0.853	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-08	2.316	-0.244	
2	02-Aug-08	2.073	0.640	
3	03-Aug-08	1.859	1.006	
4	04-Aug-08	1.737	1.615	
5	05-Aug-08	1.219	2.133	
6	06-Aug-08	1.737	2.956	
7	07-Aug-08	2.164	3.139	
8	08-Aug-08	2.560	3.657	
9	09-Aug-08	2.438	3.414	
10	10-Aug-08	1.920	2.621	
11	11-Aug-08	1.311	1.280	
12	12-Aug-08	1.128	0.945	
13	13-Aug-08	1.311	-0.366	
14	14-Aug-08	1.341	-0.122	
15	15-Aug-08	1.493	-0.030	
16	16-Aug-08	1.524	0.213	
17	17-Aug-08	1.463	0.518	
18	18-Aug-08	1.280	0.792	
19	19-Aug-08	1.707	1.280	
20	20-Aug-08	2.042	1.646	
21	21-Aug-08	1.829	2.194	
22	22-Aug-08	1.646	2.743	
23	23-Aug-08	1.402	3.383	
24	24-Aug-08	1.036	3.261	
25	25-Aug-08	0.488	2.560	
26	26-Aug-08	0.366	1.067	
27	27-Aug-08	0.030	-0.549	
28	28-Aug-08	0.274	-0.305	
29	29-Aug-08	0.274	-0.030	
30	30-Aug-08	0.853	0.305	
31	31-Aug-08	1.432	0.549	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-08	1.585	0.853	
2	02-Sep-08	1.585	1.250	
3	03-Sep-08	1.524	1.615	
4	04-Sep-08	1.829	1.981	
5	05-Sep-08	1.981	2.438	
6	06-Sep-08	2.377	2.621	
7	07-Sep-08	2.042	2.530	
8	08-Sep-08	1.829	2.133	
9	09-Sep-08	1.768	1.707	
10	10-Sep-08	1.615	0.549	
11	11-Sep-08	1.768	-0.366	
12	12-Sep-08	2.804	-0.152	
13	13-Sep-08	3.048	-0.091	
14	14-Sep-08	2.682	0.122	
15	15-Sep-08	2.591	0.213	
16	16-Sep-08	2.560	0.549	
17	17-Sep-08	2.469	0.914	
18	18-Sep-08	2.713	1.341	
19	19-Sep-08	2.743	1.798	
20	20-Sep-08	2.560	2.652	
21	21-Sep-08	2.225	2.774	
22	22-Sep-08	2.286	3.017	
23	23-Sep-08	2.408	2.286	
24	24-Sep-08	2.164	0.671	
25	25-Sep-08	2.042	-0.549	
26	26-Sep-08	2.164	-0.579	
27	27-Sep-08	2.133	-0.396	
28	28-Sep-08	2.103	-0.122	
29	29-Sep-08	2.103	0.274	
30	30-Sep-08	2.194	0.427	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-08	2.316	0.792	
2	02-Oct-08	2.408	0.731	
3	03-Oct-08	2.499	1.524	
4	04-Oct-08	2.682	1.890	
5	05-Oct-08	2.713	2.225	
6	06-Oct-08	2.316	2.286	
7	07-Oct-08	2.286	2.042	
8	08-Oct-08	2.316	1.615	
9	09-Oct-08	2.316	0.701	
10	10-Oct-08	2.377	-0.183	
11	11-Oct-08	2.469	-0.762	
12	12-Oct-08	2.865	-0.610	
13	13-Oct-08	2.743	-0.579	
14	14-Oct-08	2.408	-0.030	
15	15-Oct-08	2.377	0.183	
16	16-Oct-08	2.499	0.457	
17	17-Oct-08	2.377	0.853	
18	18-Oct-08	2.286	1.463	
19	19-Oct-08	2.713	2.073	
20	20-Oct-08	2.652	2.743	
21	21-Oct-08	2.560	2.621	
22	22-Oct-08	2.347	1.920	
23	23-Oct-08	2.469	0.701	
24	24-Oct-08	2.499	-0.671	
25	25-Oct-08	2.682	-0.853	
26	26-Oct-08	2.865	-0.731	
27	27-Oct-08	2.987	-0.549	
28	28-Oct-08	2.743	-0.457	
29	29-Oct-08	2.713	-0.305	
30	30-Oct-08	2.804	0.213	
31	31-Oct-08	2.713	0.762	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-08	2.743	1.372	
2	02-Nov-08	2.835	1.402	
3	03-Nov-08	2.743	1.859	
4	04-Nov-08	2.469	2.103	
5	05-Nov-08	2.560	2.347	
6	06-Nov-08	2.682	2.042	
7	07-Nov-08	2.347	1.372	
8	08-Nov-08	2.225	0.274	
9	09-Nov-08	2.255	-0.884	
10	10-Nov-08	2.286	-0.945	
11	11-Nov-08	2.286	-0.610	
12	12-Nov-08	2.316	-0.366	
13	13-Nov-08	2.377	0.030	
14	14-Nov-08	2.194	0.213	
15	15-Nov-08	2.591	0.853	
16	16-Nov-08	2.652	1.097	
17	17-Nov-08	2.682	1.829	
18	18-Nov-08	2.682	2.591	
19	19-Nov-08	2.682	2.682	
20	20-Nov-08	2.682	2.164	
21	21-Nov-08	2.682	1.036	
22	22-Nov-08	2.682	-0.305	
23	23-Nov-08	2.682	-1.402	
24	24-Nov-08	2.652	-1.158	
25	25-Nov-08	2.652	-0.762	
26	26-Nov-08	2.652	-0.853	
27	27-Nov-08	2.652	-0.305	
28	28-Nov-08	2.682	-0.030	
29	29-Nov-08	2.682	0.244	
30	30-Nov-08	2.682	0.731	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2008 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-08	2.713	0.853	
2	02-Dec-08	2.713	1.463	
3	03-Dec-08	2.682	1.890	
4	04-Dec-08	2.682	2.073	
5	05-Dec-08	2.682	2.347	
6	06-Dec-08	2.652	2.103	
7	07-Dec-08	2.652	1.341	
8	08-Dec-08	2.621	-0.244	
9	09-Dec-08	2.621	-1.189	
10	10-Dec-08	2.621	-1.097	
11	11-Dec-08	2.621	-0.792	
12	12-Dec-08	2.652	-0.396	
13	13-Dec-08	2.682	-0.030	
14	14-Dec-08	2.713	0.457	
15	15-Dec-08	2.713	1.006	
16	16-Dec-08	2.743	2.194	
17	17-Dec-08	2.743	2.286	
18	18-Dec-08	2.713	2.652	
19	19-Dec-08	2.682	2.591	
20	20-Dec-08	2.682	1.890	
21	21-Dec-08	2.652	0.610	
22	22-Dec-08	2.652	-0.762	
23	23-Dec-08	2.621	-1.219	
24	24-Dec-08	2.621	-0.731	
25	25-Dec-08	2.591	-0.762	
26	26-Dec-08	2.591	-0.061	
27	27-Dec-08	2.591	-0.091	
28	28-Dec-08	2.591	0.122	
29	29-Dec-08	2.591	0.914	
30	30-Dec-08	2.591	1.646	
31	31-Dec-08	2.591	1.006	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-09	2.591	1.646	
2	02-Jan-09	2.591	2.073	
3	03-Jan-09	2.560	2.469	
4	04-Jan-09	2.560	2.408	
5	05-Jan-09	2.530	1.890	
6	06-Jan-09	2.530	0.640	
7	07-Jan-09	2.499	-0.640	
8	08-Jan-09	2.469	-	
9	09-Jan-09	2.469	-1.067	
10	10-Jan-09	2.438	-0.579	
11	11-Jan-09	2.438	-0.152	
12	12-Jan-09	2.408	0.366	
13	13-Jan-09	2.408	0.823	
14	14-Jan-09	2.377	1.250	
15	15-Jan-09	2.377	1.920	
16	16-Jan-09	2.347	2.438	
17	17-Jan-09	2.316	2.377	
18	18-Jan-09	2.316	2.042	
19	19-Jan-09	2.286	1.006	
20	20-Jan-09	2.255	0.427	
21	21-Jan-09	2.255	-0.975	
22	22-Jan-09	2.225	-	
23	23-Jan-09	2.225	-1.036	
24	24-Jan-09	2.194	-0.640	
25	25-Jan-09	2.194	-0.366	
26	26-Jan-09	2.164	0.061	
27	27-Jan-09	2.164	0.244	
28	28-Jan-09	2.133	0.518	
29	29-Jan-09	2.133	0.853	
30	30-Jan-09	2.133	1.372	
31	31-Jan-09	2.103	1.463	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-09	2.073	1.920	
2	02-Feb-09	2.073	2.286	
3	03-Feb-09	2.073	2.073	
4	04-Feb-09	2.042	1.097	
5	05-Feb-09	2.042	-0.305	
6	06-Feb-09	2.012	-	
7	07-Feb-09	1.981	-	
8	08-Feb-09	1.951	-0.640	
9	09-Feb-09	1.951	-0.366	
10	10-Feb-09	1.951	0.091	
11	11-Feb-09	1.920	0.640	
12	12-Feb-09	1.920	0.975	
13	13-Feb-09	1.890	1.554	
14	14-Feb-09	1.890	1.981	
15	15-Feb-09	1.859	2.194	
16	16-Feb-09	1.859	2.164	
17	17-Feb-09	1.829	1.707	
18	18-Feb-09	1.829	0.884	
19	19-Feb-09	1.798	-0.183	
20	20-Feb-09	1.768	-	
21	21-Feb-09	1.737	-0.853	
22	22-Feb-09	1.707	-0.914	
23	23-Feb-09	1.676	-0.488	
24	24-Feb-09	1.646	-0.183	
25	25-Feb-09	1.646	0.061	
26	26-Feb-09	1.646	0.274	
27	27-Feb-09	1.615	0.518	
28	28-Feb-09	1.585	1.128	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-09	1.585	1.554	
2	02-Mar-09	1.554	2.073	
3	03-Mar-09	1.554	2.316	
4	04-Mar-09	1.524	2.194	
5	05-Mar-09	1.493	1.219	
6	06-Mar-09	1.463	-0.183	
7	07-Mar-09	1.432	-	
8	08-Mar-09	1.432	-	
9	09-Mar-09	1.402	-	
10	10-Mar-09	1.372	-0.549	
11	11-Mar-09	1.372	-0.152	
12	12-Mar-09	1.372	0.701	
13	13-Mar-09	1.372	0.884	
14	14-Mar-09	1.372	0.762	
15	15-Mar-09	1.372	1.737	
16	16-Mar-09	1.372	1.890	
17	17-Mar-09	1.372	2.012	
18	18-Mar-09	1.372	1.798	
19	19-Mar-09	1.372	1.280	
20	20-Mar-09	1.372	0.427	
21	21-Mar-09	1.341	-	
22	22-Mar-09	1.341	-	
23	23-Mar-09	1.341	-	
24	24-Mar-09	1.311	-	
25	25-Mar-09	1.311	-	
26	26-Mar-09	1.311	-0.457	
27	27-Mar-09	1.311	0.030	
28	28-Mar-09	1.311	0.366	
29	29-Mar-09	1.311	0.701	
30	30-Mar-09	1.311	1.067	
31	31-Mar-09	1.311	1.737	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-09	1.311	2.347	
2	02-Apr-09	1.311	2.164	
3	03-Apr-09	1.311	1.432	
4	04-Apr-09	1.311	0.152	
5	05-Apr-09	1.311	-	
6	06-Apr-09	1.311	-	
7	07-Apr-09	1.311	-	
8	08-Apr-09	1.311	-	
9	09-Apr-09	1.311	-	
10	10-Apr-09	1.311	0.030	
11	11-Apr-09	1.341	0.305	
12	12-Apr-09	1.493	0.884	
13	13-Apr-09	1.585	1.158	
14	14-Apr-09	1.707	1.585	
15	15-Apr-09	1.859	1.829	
16	16-Apr-09	1.859	1.920	
17	17-Apr-09	1.859	1.676	
18	18-Apr-09	1.890	1.432	
19	19-Apr-09	1.890	-0.030	
20	20-Apr-09	1.859	-	
21	21-Apr-09	1.859	-	
22	22-Apr-09	1.829	-	
23	23-Apr-09	1.829	-	
24	24-Apr-09	1.829	-	
25	25-Apr-09	1.829	-	
26	26-Apr-09	1.829	0.061	
27	27-Apr-09	1.829	0.305	
28	28-Apr-09	1.372	0.945	
29	29-Apr-09	0.152	1.768	
30	30-Apr-09	-0.152	2.499	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-09	-0.274	2.499	
2	02-May-09	-0.305	1.463	
3	03-May-09	-0.549	0.640	
4	04-May-09	-0.792	-0.457	
5	05-May-09	-0.762	-1.311	
6	06-May-09	-0.579	-0.945	
7	07-May-09	-0.610	-0.853	
8	08-May-09	-0.457	-0.579	
9	09-May-09	-0.396	-0.030	
10	10-May-09	-0.305	0.030	
11	11-May-09	-0.305	0.579	
12	12-May-09	-0.335	1.128	
13	13-May-09	-0.335	1.402	
14	14-May-09	0.640	1.463	
15	15-May-09	0.213	2.103	
16	16-May-09	-0.244	2.133	
17	17-May-09	-0.335	1.768	
18	18-May-09	-0.335	1.158	
19	19-May-09	-0.396	0.457	
20	20-May-09	-0.671	-0.762	
21	21-May-09	-0.792	-0.945	
22	22-May-09	-0.792	-0.975	
23	23-May-09	2.469	-0.884	
24	24-May-09	1.737	-0.518	
25	25-May-09	1.463	-0.061	
26	26-May-09	1.067	0.305	
27	27-May-09	1.311	1.067	
28	28-May-09	0.853	1.890	
29	29-May-09	1.189	2.774	
30	30-May-09	2.042	3.017	
31	31-May-09	1.341	2.895	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-09	1.006	1.707	
2	02-Jun-09	0.518	0.701	
3	03-Jun-09	0.244	-0.305	
4	04-Jun-09	-0.030	-1.006	
5	05-Jun-09	0.091	-0.610	
6	06-Jun-09	1.006	-0.731	
7	07-Jun-09	2.042	-0.579	
8	08-Jun-09	1.951	-0.213	
9	09-Jun-09	1.463	0.305	
10	10-Jun-09	1.311	0.671	
11	11-Jun-09	1.707	1.006	
12	12-Jun-09	1.707	1.920	
13	13-Jun-09	1.280	2.316	
14	14-Jun-09	0.945	2.652	
15	15-Jun-09	0.762	2.774	
16	16-Jun-09	0.488	2.499	
17	17-Jun-09	1.372	1.859	
18	18-Jun-09	1.036	1.402	
19	19-Jun-09	0.518	-0.183	
20	20-Jun-09	0.792	-1.067	
21	21-Jun-09	0.823	-0.945	
22	22-Jun-09	1.372	-0.792	
23	23-Jun-09	0.701	-0.152	
24	24-Jun-09	0.823	0.488	
25	25-Jun-09	0.701	1.158	
26	26-Jun-09	0.213	1.768	
27	27-Jun-09	2.133	2.865	
28	28-Jun-09	2.012	3.292	
29	29-Jun-09	1.493	3.200	
30	30-Jun-09	1.128	2.835	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-09	0.823	1.981	
2	02-Jul-09	0.701	0.671	
3	03-Jul-09	0.366	0.396	
4	04-Jul-09	1.250	-1.219	
5	05-Jul-09	1.036	-0.549	
6	06-Jul-09	1.006	-0.305	
7	07-Jul-09	1.219	0.274	
8	08-Jul-09	1.128	0.335	
9	09-Jul-09	0.884	1.036	
10	10-Jul-09	0.427	1.493	
11	11-Jul-09	0.091	1.615	
12	12-Jul-09	1.006	2.012	
13	13-Jul-09	0.823	2.499	
14	14-Jul-09	1.311	3.170	
15	15-Jul-09	2.103	3.200	
16	16-Jul-09	2.225	2.804	
17	17-Jul-09	1.737	1.768	
18	18-Jul-09	0.945	0.731	
19	19-Jul-09	0.396	0.488	
20	20-Jul-09	1.859	-1.158	
21	21-Jul-09	1.951	-0.610	
22	22-Jul-09	1.615	-0.305	
23	23-Jul-09	2.255	0.457	
24	24-Jul-09	2.377	1.158	
25	25-Jul-09	2.194	2.012	
26	26-Jul-09	2.194	2.682	
27	27-Jul-09	2.987	3.200	
28	28-Jul-09	2.804	3.475	
29	29-Jul-09	2.499	3.139	
30	30-Jul-09	2.103	2.194	
31	31-Jul-09	2.073	0.701	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-09	2.133	0.091	
2	02-Aug-09	1.737	-0.945	
3	03-Aug-09	1.615	-0.853	
4	04-Aug-09	1.585	-0.457	
5	05-Aug-09	1.524	-0.305	
6	06-Aug-09	1.432	0.244	
7	07-Aug-09	1.280	0.640	
8	08-Aug-09	1.311	1.097	
9	09-Aug-09	1.280	1.615	
10	10-Aug-09	2.164	1.920	
11	11-Aug-09	2.073	2.377	
12	12-Aug-09	1.798	2.835	
13	13-Aug-09	1.189	3.078	
14	14-Aug-09	1.036	3.048	
15	15-Aug-09	0.792	2.408	
16	16-Aug-09	0.274	1.006	
17	17-Aug-09	-0.122	-0.335	
18	18-Aug-09	-0.030	-0.488	
19	19-Aug-09	0.640	-0.488	
20	20-Aug-09	0.488	-0.061	
21	21-Aug-09	0.457	0.549	
22	22-Aug-09	0.122	0.914	
23	23-Aug-09	0.030	1.524	
24	24-Aug-09	1.006	2.042	
25	25-Aug-09	1.128	2.713	
26	26-Aug-09	1.646	3.139	
27	27-Aug-09	1.219	2.956	
28	28-Aug-09	1.067	2.377	
29	29-Aug-09	0.762	1.493	
30	30-Aug-09	0.640	0.701	
31	31-Aug-09	0.823	-0.213	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-09	1.067	-0.152	
2	02-Sep-09	1.280	-0.457	
3	03-Sep-09	1.097	-0.152	
4	04-Sep-09	1.341	0.213	
5	05-Sep-09	1.707	0.305	
6	06-Sep-09	1.981	0.853	
7	07-Sep-09	2.133	1.097	
8	08-Sep-09	2.073	1.768	
9	09-Sep-09	2.255	2.194	
10	10-Sep-09	1.920	2.652	
11	11-Sep-09	1.890	2.926	
12	12-Sep-09	1.311	2.804	
13	13-Sep-09	0.671	2.286	
14	14-Sep-09	0.366	0.884	
15	15-Sep-09	0.488	0.518	
16	16-Sep-09	0.305	-0.701	
17	17-Sep-09	0.396	-0.427	
18	18-Sep-09	1.250	-0.366	
19	19-Sep-09	1.128	0.183	
20	20-Sep-09	1.128	0.457	
21	21-Sep-09	1.311	0.945	
22	22-Sep-09	1.128	1.432	
23	23-Sep-09	1.128	1.798	
24	24-Sep-09	1.615	2.591	
25	25-Sep-09	2.042	2.621	
26	26-Sep-09	2.530	2.225	
27	27-Sep-09	2.713	1.615	
28	28-Sep-09	2.652	0.610	
29	29-Sep-09	2.591	-0.030	
30	30-Sep-09	2.926	-0.640	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-09	2.621	-0.610	
2	02-Oct-09	2.774	-0.305	
3	03-Oct-09	2.621	0.122	
4	04-Oct-09	2.682	0.305	
5	05-Oct-09	2.743	0.640	
6	06-Oct-09	2.713	1.036	
7	07-Oct-09	2.865	1.707	
8	08-Oct-09	2.682	1.615	
9	09-Oct-09	2.713	2.194	
10	10-Oct-09	2.774	2.713	
11	11-Oct-09	2.774	2.743	
12	12-Oct-09	2.774	2.042	
13	13-Oct-09	2.743	0.762	
14	14-Oct-09	2.804	-0.671	
15	15-Oct-09	2.774	-0.823	
16	16-Oct-09	2.743	-0.792	
17	17-Oct-09	2.682	-0.183	
18	18-Oct-09	2.713	-0.122	
19	19-Oct-09	2.774	0.396	
20	20-Oct-09	2.865	0.640	
21	21-Oct-09	2.804	0.945	
22	22-Oct-09	2.835	1.554	
23	23-Oct-09	2.895	1.981	
24	24-Oct-09	2.865	2.194	
25	25-Oct-09	2.895	2.225	
26	26-Oct-09	2.865	1.798	
27	27-Oct-09	2.835	1.067	
28	28-Oct-09	2.743	0.152	
29	29-Oct-09	2.743	-0.762	
30	30-Oct-09	2.743	-1.006	
31	31-Oct-09	2.743	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-09	2.713	-0.549	
2	02-Nov-09	2.713	-0.305	
3	03-Nov-09	2.682	0.030	
4	04-Nov-09	2.713	0.549	
5	05-Nov-09	2.743	0.671	
6	06-Nov-09	2.743	1.097	
7	07-Nov-09	2.743	1.737	
8	08-Nov-09	2.743	2.530	
9	09-Nov-09	2.713	2.682	
10	10-Nov-09	2.713	1.859	
11	11-Nov-09	2.713	0.701	
12	12-Nov-09	2.682	-0.762	
13	13-Nov-09	2.682	-1.402	
14	14-Nov-09	2.682	-1.128	
15	15-Nov-09	2.682	-0.823	
16	16-Nov-09	2.682	-0.518	
17	17-Nov-09	2.713	-0.213	
18	18-Nov-09	2.713	0.366	
19	19-Nov-09	2.743	0.579	
20	20-Nov-09	2.743	1.128	
21	21-Nov-09	2.743	1.554	
22	22-Nov-09	2.713	2.012	
23	23-Nov-09	2.713	2.194	
24	24-Nov-09	2.713	2.255	
25	25-Nov-09	2.682	1.768	
26	26-Nov-09	2.652	-1.067	
27	27-Nov-09	2.652	-0.030	
28	28-Nov-09	2.621	-1.158	
29	29-Nov-09	2.621	-1.158	
30	30-Nov-09	2.591	-1.036	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2009 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-09	2.591	-0.671	
2	02-Dec-09	2.591	-0.396	
3	03-Dec-09	2.621	0.213	
4	04-Dec-09	2.652	0.549	
5	05-Dec-09	2.682	1.554	
6	06-Dec-09	2.713	1.798	
7	07-Dec-09	2.713	2.164	
8	08-Dec-09	2.713	2.713	
9	09-Dec-09	2.713	2.408	
10	10-Dec-09	2.682	1.250	
11	11-Dec-09	2.652	0.030	
12	12-Dec-09	2.621	-	
13	13-Dec-09	2.621	-	
14	14-Dec-09	2.621	-	
15	15-Dec-09	2.621	-0.762	
16	16-Dec-09	2.621	-0.427	
17	17-Dec-09	2.621	-0.152	
18	18-Dec-09	2.621	0.366	
19	19-Dec-09	2.621	0.853	
20	20-Dec-09	2.621	1.250	
21	21-Dec-09	2.621	1.463	
22	22-Dec-09	2.621	2.012	
23	23-Dec-09	2.591	2.225	
24	24-Dec-09	2.591	2.194	
25	25-Dec-09	2.560	1.829	
26	26-Dec-09	2.530	0.884	
27	27-Dec-09	2.499	-0.152	
28	28-Dec-09	2.469	-	
29	29-Dec-09	2.438	-	
30	30-Dec-09	2.438	-	
31	31-Dec-09	2.438	-0.518	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-10	2.408	-0.061	
2	02-Jan-10	2.408	0.396	
3	03-Jan-10	2.377	0.853	
4	04-Jan-10	2.377	1.554	
5	05-Jan-10	2.347	2.164	
6	06-Jan-10	2.347	2.804	
7	07-Jan-10	2.316	2.652	
8	08-Jan-10	2.316	1.920	
9	09-Jan-10	2.286	0.640	
10	10-Jan-10	2.286	0.518	
11	11-Jan-10	2.255	-	
12	12-Jan-10	2.225	-	
13	13-Jan-10	2.194	-0.640	
14	14-Jan-10	2.194	-0.305	
15	15-Jan-10	2.194	-0.122	
16	16-Jan-10	2.164	0.305	
17	17-Jan-10	2.133	0.579	
18	18-Jan-10	2.133	0.884	
19	19-Jan-10	2.133	1.280	
20	20-Jan-10	2.103	1.737	
21	21-Jan-10	2.073	2.012	
22	22-Jan-10	2.042	2.255	
23	23-Jan-10	2.012	2.133	
24	24-Jan-10	2.012	1.615	
25	25-Jan-10	2.012	0.701	
26	26-Jan-10	1.981	-	
27	27-Jan-10	1.951	-	
28	28-Jan-10	1.920	-	
29	29-Jan-10	1.890	-0.853	
30	30-Jan-10	1.890	-0.122	
31	31-Jan-10	1.890	0.366	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-10	1.859	0.945	
2	02-Feb-10	1.829	1.219	
3	03-Feb-10	1.829	2.042	
4	04-Feb-10	1.798	2.286	
5	05-Feb-10	1.768	2.469	
6	06-Feb-10	1.737	1.859	
7	07-Feb-10	1.707	0.975	
8	08-Feb-10	1.707	-0.396	
9	09-Feb-10	1.676	-	
10	10-Feb-10	1.615	-	
11	11-Feb-10	1.585	-	
12	12-Feb-10	1.554	-0.640	
13	13-Feb-10	1.524	-0.396	
14	14-Feb-10	1.524	0.030	
15	15-Feb-10	1.493	0.396	
16	16-Feb-10	1.463	0.579	
17	17-Feb-10	1.432	0.975	
18	18-Feb-10	1.432	1.219	
19	19-Feb-10	1.402	1.585	
20	20-Feb-10	1.372	1.981	
21	21-Feb-10	1.341	1.920	
22	22-Feb-10	1.311	1.707	
23	23-Feb-10	1.280	0.945	
24	24-Feb-10	1.250	-0.457	
25	25-Feb-10	1.219	-	
26	26-Feb-10	1.189	-	
27	27-Feb-10	1.158	-	
28	28-Feb-10	1.189	-0.244	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-10	1.189	0.335	
2	02-Mar-10	1.158	0.549	
3	03-Mar-10	1.158	0.671	
4	04-Mar-10	1.158	1.585	
5	05-Mar-10	1.158	1.890	
6	06-Mar-10	1.158	2.164	
7	07-Mar-10	1.158	2.012	
8	08-Mar-10	1.158	1.311	
9	09-Mar-10	1.158	0.244	
10	10-Mar-10	1.158	-	
11	11-Mar-10	1.158	-	
12	12-Mar-10	1.128	-	
13	13-Mar-10	1.128	-0.335	
14	14-Mar-10	1.128	-0.213	
15	15-Mar-10	1.128	-0.061	
16	16-Mar-10	1.097	-0.244	
17	17-Mar-10	1.097	0.244	
18	18-Mar-10	1.097	0.671	
19	19-Mar-10	1.097	0.975	
20	20-Mar-10	1.097	1.372	
21	21-Mar-10	1.097	1.859	
22	22-Mar-10	1.097	2.073	
23	23-Mar-10	1.097	1.920	
24	24-Mar-10	1.128	0.914	
25	25-Mar-10	1.158	-	
26	26-Mar-10	1.189	-	
27	27-Mar-10	0.945	-	
28	28-Mar-10	2.225	-	
29	29-Mar-10	1.158	-	
30	30-Mar-10	1.158	-	
31	31-Mar-10	1.189	-0.030	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-10	1.189	0.671	
2	02-Apr-10	1.219	1.372	
3	03-Apr-10	1.219	1.585	
4	04-Apr-10	1.219	1.920	
5	05-Apr-10	1.250	2.042	
6	06-Apr-10	1.250	1.585	
7	07-Apr-10	1.250	0.792	
8	08-Apr-10	1.250	-	
9	09-Apr-10	1.280	-	
10	10-Apr-10	1.280	-	
11	11-Apr-10	1.280	-	
12	12-Apr-10	1.280	-	
13	13-Apr-10	1.280	-	
14	14-Apr-10	1.280	-	
15	15-Apr-10	1.280	0.061	
16	16-Apr-10	1.311	0.366	
17	17-Apr-10	1.311	0.762	
18	18-Apr-10	1.341	1.219	
19	19-Apr-10	1.341	1.737	
20	20-Apr-10	1.341	2.316	
21	21-Apr-10	1.341	2.286	
22	22-Apr-10	1.341	1.554	
23	23-Apr-10	1.341	0.274	
24	24-Apr-10	1.341	-	
25	25-Apr-10	1.341	-	
26	26-Apr-10	1.341	-	
27	27-Apr-10	1.372	-	
28	28-Apr-10	1.372	-	
29	29-Apr-10	1.372	-	
30	30-Apr-10	1.372	0.396	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-10	1.402	0.792	
2	02-May-10	1.402	1.250	
3	03-May-10	1.402	1.798	
4	04-May-10	1.402	2.164	
5	05-May-10	1.402	2.133	
6	06-May-10	1.402	1.707	
7	07-May-10	1.402	0.975	
8	08-May-10	1.402	0.030	
9	09-May-10	1.402	-	
10	10-May-10	1.402	-	
11	11-May-10	1.402	-	
12	12-May-10	1.402	-	
13	13-May-10	1.402	-	
14	14-May-10	1.402	-	
15	15-May-10	1.402	0.244	
16	16-May-10	1.554	0.488	
17	17-May-10	1.615	0.975	
18	18-May-10	1.829	1.829	
19	19-May-10	1.920	2.469	
20	20-May-10	1.920	2.682	
21	21-May-10	1.951	2.225	
22	22-May-10	1.951	1.097	
23	23-May-10	1.951	0.244	
24	24-May-10	1.981	-	
25	25-May-10	2.042	-	
26	26-May-10	1.554	-0.549	
27	27-May-10	0.610	-0.366	
28	28-May-10	0.091	-0.030	
29	29-May-10	0.152	0.305	
30	30-May-10	0.366	0.914	
31	31-May-10	0.457	1.311	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-10	0.213	2.042	
2	02-Jun-10	0.061	2.194	
3	03-Jun-10	-0.030	2.438	
4	04-Jun-10	-0.091	2.408	
5	05-Jun-10	-0.152	2.103	
6	06-Jun-10	0.183	1.707	
7	07-Jun-10	0.701	0.792	
8	08-Jun-10	1.006	0.244	
9	09-Jun-10	1.463	-0.823	
10	10-Jun-10	2.073	-0.701	
11	11-Jun-10	2.103	-0.488	
12	12-Jun-10	2.225	-0.305	
13	13-Jun-10	2.073	0.091	
14	14-Jun-10	2.073	0.427	
15	15-Jun-10	2.286	0.914	
16	16-Jun-10	2.194	1.951	
17	17-Jun-10	1.768	2.774	
18	18-Jun-10	1.951	3.292	
19	19-Jun-10	1.372	2.987	
20	20-Jun-10	1.402	2.194	
21	21-Jun-10	1.067	1.890	
22	22-Jun-10	1.189	0.030	
23	23-Jun-10	2.316	-1.097	
24	24-Jun-10	2.133	-0.853	
25	25-Jun-10	1.707	-0.274	
26	26-Jun-10	1.737	-0.030	
27	27-Jun-10	1.981	0.457	
28	28-Jun-10	1.890	0.762	
29	29-Jun-10	1.707	1.250	
30	30-Jun-10	1.646	1.768	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-10	1.768	2.255	
2	02-Jul-10	1.951	2.469	
3	03-Jul-10	2.133	2.774	
4	04-Jul-10	2.073	2.895	
5	05-Jul-10	2.133	2.682	
6	06-Jul-10	1.737	2.012	
7	07-Jul-10	1.676	1.006	
8	08-Jul-10	1.951	-0.061	
9	09-Jul-10	2.042	-0.792	
10	10-Jul-10	2.073	-0.488	
11	11-Jul-10	2.012	-0.091	
12	12-Jul-10	2.012	0.183	
13	13-Jul-10	2.377	0.549	
14	14-Jul-10	2.225	1.219	
15	15-Jul-10	2.255	1.981	
16	16-Jul-10	2.225	2.621	
17	17-Jul-10	2.133	3.536	
18	18-Jul-10	2.103	3.688	
19	19-Jul-10	2.408	3.109	
20	20-Jul-10	2.408	2.073	
21	21-Jul-10	2.164	0.610	
22	22-Jul-10	2.042	-0.457	
23	23-Jul-10	1.920	-0.549	
24	24-Jul-10	1.951	-0.061	
25	25-Jul-10	2.012	0.366	
26	26-Jul-10	2.956	0.366	
27	27-Jul-10	2.682	0.549	
28	28-Jul-10	2.377	1.158	
29	29-Jul-10	2.042	1.402	
30	30-Jul-10	1.951	2.042	
31	31-Jul-10	2.042	2.347	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-10	1.920	2.652	
2	02-Aug-10	2.012	3.109	
3	03-Aug-10	1.951	3.231	
4	04-Aug-10	2.042	2.804	
5	05-Aug-10	2.103	1.890	
6	06-Aug-10	1.981	0.701	
7	07-Aug-10	1.768	-0.762	
8	08-Aug-10	1.524	-0.457	
9	09-Aug-10	1.737	-0.061	
10	10-Aug-10	1.615	0.305	
11	11-Aug-10	1.615	0.823	
12	12-Aug-10	2.133	1.311	
13	13-Aug-10	2.286	1.646	
14	14-Aug-10	2.073	2.438	
15	15-Aug-10	2.621	3.048	
16	16-Aug-10	2.255	3.475	
17	17-Aug-10	1.737	3.139	
18	18-Aug-10	1.646	2.225	
19	19-Aug-10	1.463	0.792	
20	20-Aug-10	1.524	-0.183	
21	21-Aug-10	1.585	-0.305	
22	22-Aug-10	1.646	-0.091	
23	23-Aug-10	1.646	0.091	
24	24-Aug-10	1.585	0.488	
25	25-Aug-10	1.585	0.671	
26	26-Aug-10	1.981	0.975	
27	27-Aug-10	2.560	1.219	
28	28-Aug-10	2.499	1.280	
29	29-Aug-10	2.682	2.073	
30	30-Aug-10	2.621	2.530	
31	31-Aug-10	2.225	2.865	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-10	2.133	3.017	
2	02-Sep-10	1.829	2.835	
3	03-Sep-10	1.737	2.255	
4	04-Sep-10	1.524	1.006	
5	05-Sep-10	1.524	-0.366	
6	06-Sep-10	2.804	-0.396	
7	07-Sep-10	2.621	-0.335	
8	08-Sep-10	2.225	0.122	
9	09-Sep-10	1.981	0.762	
10	10-Sep-10	1.707	0.975	
11	11-Sep-10	1.920	1.493	
12	12-Sep-10	2.895	2.073	
13	13-Sep-10	2.804	2.682	
14	14-Sep-10	2.621	3.048	
15	15-Sep-10	2.408	3.109	
16	16-Sep-10	2.225	1.951	
17	17-Sep-10	1.920	0.610	
18	18-Sep-10	1.707	-0.030	
19	19-Sep-10	1.920	-0.488	
20	20-Sep-10	2.073	-0.366	
21	21-Sep-10	1.920	-0.152	
22	22-Sep-10	1.829	0.030	
23	23-Sep-10	1.737	0.305	
24	24-Sep-10	1.829	0.549	
25	25-Sep-10	1.829	0.975	
26	26-Sep-10	1.707	1.280	
27	27-Sep-10	1.585	1.524	
28	28-Sep-10	2.012	1.981	
29	29-Sep-10	2.103	2.408	
30	30-Sep-10	2.042	2.591	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-10	1.951	2.316	
2	02-Oct-10	1.768	1.920	
3	03-Oct-10	1.890	0.914	
4	04-Oct-10	1.920	-1.341	
5	05-Oct-10	1.951	-0.335	
6	06-Oct-10	1.981	-0.305	
7	07-Oct-10	2.073	0.152	
8	08-Oct-10	2.133	0.457	
9	09-Oct-10	2.194	0.884	
10	10-Oct-10	2.682	1.250	
11	11-Oct-10	2.743	1.829	
12	12-Oct-10	2.591	2.499	
13	13-Oct-10	2.255	2.987	
14	14-Oct-10	2.560	2.987	
15	15-Oct-10	2.743	2.469	
16	16-Oct-10	2.438	1.493	
17	17-Oct-10	2.194	0.457	
18	18-Oct-10	2.499	-0.335	
19	19-Oct-10	2.591	-0.274	
20	20-Oct-10	2.895	-0.152	
21	21-Oct-10	2.956	-0.152	
22	22-Oct-10	2.774	-0.122	
23	23-Oct-10	2.956	0.305	
24	24-Oct-10	2.469	0.610	
25	25-Oct-10	2.194	0.823	
26	26-Oct-10	2.073	1.372	
27	27-Oct-10	2.103	1.798	
28	28-Oct-10	1.890	2.316	
29	29-Oct-10	1.707	2.804	
30	30-Oct-10	1.646	2.865	
31	31-Oct-10	1.737	2.377	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-10	1.768	1.067	
2	02-Nov-10	1.798	0.457	
3	03-Nov-10	1.829	-0.853	
4	04-Nov-10	1.859	-0.640	
5	05-Nov-10	1.890	-0.305	
6	06-Nov-10	1.920	-0.274	
7	07-Nov-10	1.951	0.427	
8	08-Nov-10	2.103	0.701	
9	09-Nov-10	2.225	1.189	
10	10-Nov-10	2.316	1.920	
11	11-Nov-10	2.347	2.073	
12	12-Nov-10	2.408	2.499	
13	13-Nov-10	2.408	2.286	
14	14-Nov-10	2.377	1.737	
15	15-Nov-10	2.377	0.975	
16	16-Nov-10	2.316	0.061	
17	17-Nov-10	2.316	-0.853	
18	18-Nov-10	2.286	-0.792	
19	19-Nov-10	2.316	-0.823	
20	20-Nov-10	2.347	-0.518	
21	21-Nov-10	2.438	-0.213	
22	22-Nov-10	2.499	-0.061	
23	23-Nov-10	2.530	0.244	
24	24-Nov-10	2.560	0.701	
25	25-Nov-10	2.621	1.219	
26	26-Nov-10	2.621	1.707	
27	27-Nov-10	2.621	2.560	
28	28-Nov-10	2.621	2.774	
29	29-Nov-10	2.621	2.499	
30	30-Nov-10	2.591	1.341	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2010 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-10	2.560	-0.305	
2	02-Dec-10	2.560	-1.250	
3	03-Dec-10	2.530	-1.128	
4	04-Dec-10	2.560	-0.762	
5	05-Dec-10	2.591	-0.396	
6	06-Dec-10	2.621	-0.030	
7	07-Dec-10	2.652	0.457	
8	08-Dec-10	2.713	0.731	
9	09-Dec-10	2.713	1.463	
10	10-Dec-10	2.713	1.920	
11	11-Dec-10	2.743	2.255	
12	12-Dec-10	2.774	2.499	
13	13-Dec-10	2.743	2.408	
14	14-Dec-10	2.743	1.798	
15	15-Dec-10	2.743	0.884	
16	16-Dec-10	2.713	-0.183	
17	17-Dec-10	2.682	-1.219	
18	18-Dec-10	2.682	-1.189	
19	19-Dec-10	2.682	-1.036	
20	20-Dec-10	2.682	-0.488	
21	21-Dec-10	2.652	-0.183	
22	22-Dec-10	2.652	0.213	
23	23-Dec-10	2.621	0.640	
24	24-Dec-10	2.621	1.158	
25	25-Dec-10	2.621	1.676	
26	26-Dec-10	2.591	2.286	
27	27-Dec-10	2.591	2.865	
28	28-Dec-10	2.560	2.652	
29	29-Dec-10	2.560	1.585	
30	30-Dec-10	2.530	0.366	
31	31-Dec-10	2.530		

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-11	2.499	-	
2	02-Jan-11	2.499	-1.006	
3	03-Jan-11	2.469	-0.366	
4	04-Jan-11	2.438	-0.274	
5	05-Jan-11	2.438	0.427	
6	06-Jan-11	2.408	0.610	
7	07-Jan-11	2.408	1.067	
8	08-Jan-11	2.408	1.372	
9	09-Jan-11	2.408	1.890	
10	10-Jan-11	2.377	2.408	
11	11-Jan-11	2.438	2.591	
12	12-Jan-11	2.438	2.469	
13	13-Jan-11	2.438	2.042	
14	14-Jan-11	2.438	1.128	
15	15-Jan-11	2.408	-0.213	
16	16-Jan-11	2.408	-	
17	17-Jan-11	2.408	-	
18	18-Jan-11	2.377	-0.792	
19	19-Jan-11	2.377	-0.488	
20	20-Jan-11	2.377	0.030	
21	21-Jan-11	2.347	0.396	
22	22-Jan-11	2.316	0.914	
23	23-Jan-11	2.316	1.463	
24	24-Jan-11	2.316	2.194	
25	25-Jan-11	2.286	2.713	
26	26-Jan-11	2.255	2.774	
27	27-Jan-11	2.225	1.951	
28	28-Jan-11	2.194	0.640	
29	29-Jan-11	2.194	-	
30	30-Jan-11	2.194	-	
31	31-Jan-11	2.194	-	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-11	2.164	-0.731	
2	02-Feb-11	2.133	-0.274	
3	03-Feb-11	2.133	0.030	
4	04-Feb-11	2.103	0.396	
5	05-Feb-11	2.103	0.792	
6	06-Feb-11	2.073	1.189	
7	07-Feb-11	2.042	1.036	
8	08-Feb-11	2.042	1.737	
9	09-Feb-11	2.012	2.042	
10	10-Feb-11	1.981	2.377	
11	11-Feb-11	1.951	1.920	
12	12-Feb-11	1.920	1.463	
13	13-Feb-11	1.890	0.457	
14	14-Feb-11	1.890	-0.610	
15	15-Feb-11	1.859	-	
16	16-Feb-11	1.829	-	
17	17-Feb-11	1.829	-0.610	
18	18-Feb-11	1.798	-0.122	
19	19-Feb-11	1.768	0.244	
20	20-Feb-11	1.737	0.731	
21	21-Feb-11	1.707	1.158	
22	22-Feb-11	1.676	1.920	
23	23-Feb-11	1.646	2.469	
24	24-Feb-11	1.615	2.774	
25	25-Feb-11	1.585	2.103	
26	26-Feb-11	1.554	0.823	
27	27-Feb-11	1.524	-0.549	
28	28-Feb-11	1.493	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-11	1.493	-	
2	02-Mar-11	1.463	-	
3	03-Mar-11	1.463	-0.366	
4	04-Mar-11	1.432	-0.030	
5	05-Mar-11	1.402	0.274	
6	06-Mar-11	1.402	0.549	
7	07-Mar-11	1.372	0.610	
8	08-Mar-11	1.341	1.250	
9	09-Mar-11	1.341	1.311	
10	10-Mar-11	1.311	1.890	
11	11-Mar-11	1.311	2.103	
12	12-Mar-11	1.341	2.194	
13	13-Mar-11	1.372	1.524	
14	14-Mar-11	1.402	0.884	
15	15-Mar-11	1.402	-0.335	
16	16-Mar-11	1.432	-	
17	17-Mar-11	1.646	-	
18	18-Mar-11	1.890	-	
19	19-Mar-11	1.951	-0.427	
20	20-Mar-11	1.951	-	
21	21-Mar-11	1.951	0.335	
22	22-Mar-11	1.951	0.762	
23	23-Mar-11	1.951	1.311	
24	24-Mar-11	1.951	1.920	
25	25-Mar-11	1.951	2.469	
26	26-Mar-11	1.951	2.194	
27	27-Mar-11	1.951	1.036	
28	28-Mar-11	1.920	0.152	
29	29-Mar-11	1.920	-	
30	30-Mar-11	1.920	-	
31	31-Mar-11	1.920	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-11	1.890	-	
2	02-Apr-11	1.890	-	
3	03-Apr-11	1.890	-0.061	
4	04-Apr-11	1.859	0.183	
5	05-Apr-11	1.859	0.366	
6	06-Apr-11	1.859	0.853	
7	07-Apr-11	1.829	1.097	
8	08-Apr-11	1.829	1.524	
9	09-Apr-11	1.829	1.859	
10	10-Apr-11	1.829	2.347	
11	11-Apr-11	1.829	2.073	
12	12-Apr-11	1.798	1.493	
13	13-Apr-11	1.798	0.274	
14	14-Apr-11	1.768	-	
15	15-Apr-11	1.768	-	
16	16-Apr-11	1.737	-	
17	17-Apr-11	1.737	-	
18	18-Apr-11	1.737	-	
19	19-Apr-11	1.737	0.213	
20	20-Apr-11	1.707	0.701	
21	21-Apr-11	1.707	1.158	
22	22-Apr-11	1.707	1.920	
23	23-Apr-11	1.676	2.408	
24	24-Apr-11	1.676	2.286	
25	25-Apr-11	1.676	1.798	
26	26-Apr-11	1.646	0.579	
27	27-Apr-11	1.646	-	
28	28-Apr-11	1.646	-	
29	29-Apr-11	1.615	-	
30	30-Apr-11	1.615	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-11	1.646	-	
2	02-May-11	1.646	-	
3	03-May-11	1.646	-	
4	04-May-11	1.646	0.152	
5	05-May-11	1.646	0.335	
6	06-May-11	1.646	0.853	
7	07-May-11	1.646	1.189	
8	08-May-11	2.012	1.890	
9	09-May-11	2.316	2.225	
10	10-May-11	2.438	2.469	
11	11-May-11	2.225	2.133	
12	12-May-11	2.316	1.036	
13	13-May-11	2.194	0.091	
14	14-May-11	1.829	-0.853	
15	15-May-11	1.372	-1.097	
16	16-May-11	1.097	-0.762	
17	17-May-11	0.549	-0.244	
18	18-May-11	0.762	0.091	
19	19-May-11	1.524	0.549	
20	20-May-11	1.829	1.067	
21	21-May-11	1.859	1.829	
22	22-May-11	1.737	2.316	
23	23-May-11	1.250	2.682	
24	24-May-11	0.914	2.499	
25	25-May-11	1.372	1.951	
26	26-May-11	1.067	1.097	
27	27-May-11	1.768	-0.030	
28	28-May-11	1.036	-0.762	
29	29-May-11	1.372	-1.067	
30	30-May-11	1.372	-0.884	
31	31-May-11	1.250	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-11	1.311	-0.366	
2	02-Jun-11	1.402	-0.030	
3	03-Jun-11	1.311	0.396	
4	04-Jun-11	1.189	0.823	
5	05-Jun-11	1.585	1.432	
6	06-Jun-11	1.676	2.194	
7	07-Jun-11	1.554	2.682	
8	08-Jun-11	1.402	2.865	
9	09-Jun-11	1.006	2.469	
10	10-Jun-11	1.128	1.402	
11	11-Jun-11	1.341	0.610	
12	12-Jun-11	0.945	-0.335	
13	13-Jun-11	1.493	-0.975	
14	14-Jun-11	1.920	-0.610	
15	15-Jun-11	2.743	-0.396	
16	16-Jun-11	2.652	-0.305	
17	17-Jun-11	2.652	0.305	
18	18-Jun-11	2.682	1.737	
19	19-Jun-11	2.835	1.463	
20	20-Jun-11	2.713	2.133	
21	21-Jun-11	2.286	2.713	
22	22-Jun-11	2.316	3.017	
23	23-Jun-11	2.560	2.895	
24	24-Jun-11	2.103	2.469	
25	25-Jun-11	1.981	1.250	
26	26-Jun-11	1.311	1.189	
27	27-Jun-11	0.792	-0.244	
28	28-Jun-11	0.640	-0.640	
29	29-Jun-11	0.731	-0.640	
30	30-Jun-11	0.884	-0.640	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-11	0.914	-0.183	
2	02-Jul-11	1.402	0.427	
3	03-Jul-11	1.676	1.097	
4	04-Jul-11	2.621	1.036	
5	05-Jul-11	2.743	2.073	
6	06-Jul-11	2.377	2.469	
7	07-Jul-11	1.585	3.475	
8	08-Jul-11	0.731	3.596	
9	09-Jul-11	0.213	2.895	
10	10-Jul-11	-0.061	1.615	
11	11-Jul-11	0.030	0.731	
12	12-Jul-11	-0.122	-0.488	
13	13-Jul-11	0.457	-0.305	
14	14-Jul-11	0.518	-0.366	
15	15-Jul-11	0.853	0.244	
16	16-Jul-11	1.067	0.610	
17	17-Jul-11	1.097	1.158	
18	18-Jul-11	1.554	1.432	
19	19-Jul-11	1.676	2.225	
20	20-Jul-11	1.402	2.621	
21	21-Jul-11	1.798	2.133	
22	22-Jul-11	2.530	3.170	
23	23-Jul-11	2.774	2.408	
24	24-Jul-11	2.621	2.743	
25	25-Jul-11	1.981	2.042	
26	26-Jul-11	0.914	-0.061	
27	27-Jul-11	0.396	-0.030	
28	28-Jul-11	0.244	-0.061	
29	29-Jul-11	0.305	0.244	
30	30-Jul-11	0.488	0.244	
31	31-Jul-11	0.427	0.549	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-11	0.427	1.067	
2	02-Aug-11	0.823	1.615	
3	03-Aug-11	1.189	2.073	
4	04-Aug-11	1.432	2.591	
5	05-Aug-11	1.463	3.475	
6	06-Aug-11	1.128	3.749	
7	07-Aug-11	0.853	3.170	
8	08-Aug-11	1.036	2.042	
9	09-Aug-11	0.884	0.396	
10	10-Aug-11	0.945	-0.457	
11	11-Aug-11	1.280	-0.549	
12	12-Aug-11	1.219	-0.305	
13	13-Aug-11	1.097	0.213	
14	14-Aug-11	1.189	0.853	
15	15-Aug-11	0.823	1.128	
16	16-Aug-11	1.036	1.311	
17	17-Aug-11	0.792	1.981	
18	18-Aug-11	1.036	2.225	
19	19-Aug-11	0.792	2.499	
20	20-Aug-11	1.219	2.835	
21	21-Aug-11	1.920	2.865	
22	22-Aug-11	1.981	2.621	
23	23-Aug-11	1.524	2.255	
24	24-Aug-11	0.701	0.975	
25	25-Aug-11	0.366	-0.213	
26	26-Aug-11	0.366	-0.213	
27	27-Aug-11	0.366	-0.366	
28	28-Aug-11	0.396	-0.030	
29	29-Aug-11	0.762	0.213	
30	30-Aug-11	1.311	0.549	
31	31-Aug-11	1.615	1.006	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-11	1.981	1.676	
2	02-Sep-11	2.316	2.042	
3	03-Sep-11	2.164	2.987	
4	04-Sep-11	1.646	3.383	
5	05-Sep-11	1.493	2.865	
6	06-Sep-11	1.067	1.768	
7	07-Sep-11	0.610	0.366	
8	08-Sep-11	0.792	-0.366	
9	09-Sep-11	0.731	-0.853	
10	10-Sep-11	0.914	-0.396	
11	11-Sep-11	0.731	0.030	
12	12-Sep-11	1.615	0.061	
13	13-Sep-11	2.042	0.305	
14	14-Sep-11	2.103	0.792	
15	15-Sep-11	1.646	0.853	
16	16-Sep-11	1.859	1.402	
17	17-Sep-11	2.103	1.951	
18	18-Sep-11	1.798	2.438	
19	19-Sep-11	1.829	2.560	
20	20-Sep-11	1.890	2.652	
21	21-Sep-11	1.524	2.377	
22	22-Sep-11	1.372	1.493	
23	23-Sep-11	0.701	0.152	
24	24-Sep-11	0.579	-0.762	
25	25-Sep-11	0.975	-0.671	
26	26-Sep-11	1.006	-0.549	
27	27-Sep-11	0.762	0.122	
28	28-Sep-11	1.219	0.335	
29	29-Sep-11	2.774	0.518	
30	30-Sep-11	2.835	0.975	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-11	2.835	1.585	
2	02-Oct-11	2.865	2.987	
3	03-Oct-11	2.347	3.139	
4	04-Oct-11	1.798	2.895	
5	05-Oct-11	1.128	1.737	
6	06-Oct-11	0.853	0.671	
7	07-Oct-11	0.518	-0.549	
8	08-Oct-11	0.853	-0.640	
9	09-Oct-11	0.975	-0.457	
10	10-Oct-11	0.671	-0.213	
11	11-Oct-11	0.579	0.061	
12	12-Oct-11	0.457	0.518	
13	13-Oct-11	0.305	0.640	
14	14-Oct-11	0.183	0.914	
15	15-Oct-11	0.396	1.311	
16	16-Oct-11	0.792	1.646	
17	17-Oct-11	1.128	1.219	
18	18-Oct-11	1.493	2.408	
19	19-Oct-11	1.646	2.560	
20	20-Oct-11	1.707	2.347	
21	21-Oct-11	1.829	1.676	
22	22-Oct-11	2.042	0.549	
23	23-Oct-11	2.042	-0.762	
24	24-Oct-11	1.890	-0.823	
25	25-Oct-11	1.890	-0.488	
26	26-Oct-11	1.859	-0.183	
27	27-Oct-11	1.890	0.183	
28	28-Oct-11	1.890	0.518	
29	29-Oct-11	1.890	0.853	
30	30-Oct-11	1.890	1.432	
31	31-Oct-11	2.012	2.103	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-11	2.133	2.438	
2	02-Nov-11	2.194	2.530	
3	03-Nov-11	2.225	1.768	
4	04-Nov-11	2.225	0.853	
5	05-Nov-11	2.225	-0.305	
6	06-Nov-11	2.225	-0.731	
7	07-Nov-11	2.225	-0.975	
8	08-Nov-11	2.225	-0.792	
9	09-Nov-11	2.225	-0.610	
10	10-Nov-11	2.316	-0.305	
11	11-Nov-11	2.377	-0.030	
12	12-Nov-11	2.469	0.579	
13	13-Nov-11	2.499	0.792	
14	14-Nov-11	2.530	1.128	
15	15-Nov-11	2.621	1.646	
16	16-Nov-11	2.621	1.981	
17	17-Nov-11	2.621	2.408	
18	18-Nov-11	2.621	2.499	
19	19-Nov-11	2.591	2.012	
20	20-Nov-11	2.560	0.853	
21	21-Nov-11	2.530	-0.549	
22	22-Nov-11	2.499	-1.402	
23	23-Nov-11	2.499	-1.402	
24	24-Nov-11	2.530	-1.067	
25	25-Nov-11	2.591	-0.366	
26	26-Nov-11	2.621	0.061	
27	27-Nov-11	2.652	0.701	
28	28-Nov-11	2.682	0.975	
29	29-Nov-11	2.682	1.737	
30	30-Nov-11	2.682	2.438	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2011 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-11	2.682	2.438	
2	02-Dec-11	2.652	2.073	
3	03-Dec-11	2.621	1.158	
4	04-Dec-11	2.621	0.579	
5	05-Dec-11	2.621	-0.488	
6	06-Dec-11	2.591	-1.128	
7	07-Dec-11	2.591	-1.189	
8	08-Dec-11	2.560	-0.914	
9	09-Dec-11	2.560	-0.671	
10	10-Dec-11	2.530	-0.244	
11	11-Dec-11	2.530	0.122	
12	12-Dec-11	2.499	0.457	
13	13-Dec-11	2.499	0.823	
14	14-Dec-11	2.499	1.463	
15	15-Dec-11	2.469	1.646	
16	16-Dec-11	2.469	2.347	
17	17-Dec-11	2.438	2.591	
18	18-Dec-11	2.438	2.499	
19	19-Dec-11	2.438	1.585	
20	20-Dec-11	2.408	-0.061	
21	21-Dec-11	2.408	-	
22	22-Dec-11	2.377	-	
23	23-Dec-11	2.377	-	
24	24-Dec-11	2.377	-0.457	
25	25-Dec-11	2.347	0.061	
26	26-Dec-11	2.347	0.671	
27	27-Dec-11	2.316	1.128	
28	28-Dec-11	2.316	1.554	
29	29-Dec-11	2.316	1.859	
30	30-Dec-11	2.286	2.225	
31	31-Dec-11	2.255	2.530	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-12	2.255	2.286	
2	02-Jan-12	2.225	1.554	
3	03-Jan-12	2.225	0.731	
4	04-Jan-12	2.225	-0.183	
5	05-Jan-12	2.194	-	
6	06-Jan-12	2.194	-	
7	07-Jan-12	2.164	-0.762	
8	08-Jan-12	2.164	-0.366	
9	09-Jan-12	2.133	-0.091	
10	10-Jan-12	2.103	0.091	
11	11-Jan-12	2.103	0.549	
12	12-Jan-12	2.073	0.975	
13	13-Jan-12	2.073	1.402	
14	14-Jan-12	2.042	2.438	
15	15-Jan-12	2.042	2.743	
16	16-Jan-12	2.012	2.591	
17	17-Jan-12	2.012	1.829	
18	18-Jan-12	1.981	0.671	
19	19-Jan-12	1.981	-	
20	20-Jan-12	1.951	-	
21	21-Jan-12	1.951	-	
22	22-Jan-12	1.951	-0.427	
23	23-Jan-12	1.920	0.152	
24	24-Jan-12	1.890	0.183	
25	25-Jan-12	1.890	0.731	
26	26-Jan-12	1.890	1.006	
27	27-Jan-12	1.859	-	
28	28-Jan-12	1.859	1.890	
29	29-Jan-12	1.829	2.133	
30	30-Jan-12	1.829	2.225	
31	31-Jan-12	1.798	1.981	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-12	1.768	1.372	
2	02-Feb-12	1.768	0.335	
3	03-Feb-12	1.768	-	
4	04-Feb-12	1.737	-	
5	05-Feb-12	1.707	-	
6	06-Feb-12	1.676	-0.610	
7	07-Feb-12	1.676	-0.335	
8	08-Feb-12	1.646	0.122	
9	09-Feb-12	1.646	0.396	
10	10-Feb-12	1.615	0.701	
11	11-Feb-12	1.585	1.219	
12	12-Feb-12	1.585	1.737	
13	13-Feb-12	1.554	2.164	
14	14-Feb-12	1.554	2.591	
15	15-Feb-12	1.524	1.920	
16	16-Feb-12	1.493	0.610	
17	17-Feb-12	1.463	-	
18	18-Feb-12	1.463	-	
19	19-Feb-12	1.463	-	
20	20-Feb-12	1.463	-0.640	
21	21-Feb-12	1.402	0.213	
22	22-Feb-12	1.402	0.061	
23	23-Feb-12	1.372	0.427	
24	24-Feb-12	1.372	0.853	
25	25-Feb-12	1.341	0.975	
26	26-Feb-12	1.311	1.463	
27	27-Feb-12	1.311	1.859	
28	28-Feb-12	1.280	2.164	
29	29-Feb-12	1.250	2.073	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-12	1.250	1.768	
2	02-Mar-12	1.219	0.945	
3	03-Mar-12	1.219	-0.213	
4	04-Mar-12	1.189	-	
5	05-Mar-12	1.158	-	
6	06-Mar-12	1.128	-	
7	07-Mar-12	1.128	-	
8	08-Mar-12	1.097	-0.213	
9	09-Mar-12	1.097	0.213	
10	10-Mar-12	1.097	0.640	
11	11-Mar-12	1.097	0.945	
12	12-Mar-12	1.067	1.554	
13	13-Mar-12	1.067	2.133	
14	14-Mar-12	1.036	2.713	
15	15-Mar-12	1.036	2.133	
16	16-Mar-12	1.006	-	
17	17-Mar-12	1.006	-	
18	18-Mar-12	1.006	-	
19	19-Mar-12	0.975	-	
20	20-Mar-12	0.975	-	
21	21-Mar-12	0.975	-	
22	22-Mar-12	0.975	-	
23	23-Mar-12	0.975	-0.091	
24	24-Mar-12	0.975	0.122	
25	25-Mar-12	0.975	0.671	
26	26-Mar-12	0.975	1.097	
27	27-Mar-12	0.975	1.585	
28	28-Mar-12	0.945	1.920	
29	29-Mar-12	0.945	2.194	
30	30-Mar-12	0.914	2.042	
31	31-Mar-12	0.914	1.402	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-12	0.914	0.396	
2	02-Apr-12	0.914	-	
3	03-Apr-12	0.914	-	
4	04-Apr-12	0.914	-	
5	05-Apr-12	0.884	-	
6	06-Apr-12	0.884	-	
7	07-Apr-12	0.884	0.030	
8	08-Apr-12	0.884	0.549	
9	09-Apr-12	0.884	0.640	
10	10-Apr-12	0.884	1.280	
11	11-Apr-12	0.884	2.042	
12	12-Apr-12	0.853	2.652	
13	13-Apr-12	0.853	2.286	
14	14-Apr-12	0.853	1.158	
15	15-Apr-12	0.853	-	
16	16-Apr-12	0.853	-	
17	17-Apr-12	0.853	-	
18	18-Apr-12	0.823	-	
19	19-Apr-12	0.823	-	
20	20-Apr-12	0.823	-	
21	21-Apr-12	0.823	-	
22	22-Apr-12	0.823	-	
23	23-Apr-12	0.792	0.213	
24	24-Apr-12	0.792	0.610	
25	25-Apr-12	0.792	1.036	
26	26-Apr-12	0.792	1.524	
27	27-Apr-12	0.762	1.890	
28	28-Apr-12	0.731	2.133	
29	29-Apr-12	0.731	1.890	
30	30-Apr-12	0.731	1.311	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-12	0.762	0.488	
2	02-May-12	0.762	-	
3	03-May-12	0.762	-	
4	04-May-12	0.762	-	
5	05-May-12	0.762	-	
6	06-May-12	0.762	-	
7	07-May-12	0.488	0.549	
8	08-May-12	0.244	0.640	
9	09-May-12	0.457	1.158	
10	10-May-12	0.975	2.103	
11	11-May-12	1.311	2.713	
12	12-May-12	1.463	2.652	
13	13-May-12	1.158	2.042	
14	14-May-12	-0.183	0.975	
15	15-May-12	-0.213	-0.061	
16	16-May-12	-0.853	-0.975	
17	17-May-12	-0.610	-0.914	
18	18-May-12	-1.067	-1.067	
19	19-May-12	-1.067	-0.701	
20	20-May-12	0.305	-0.488	
21	21-May-12	-0.061	-0.305	
22	22-May-12	0.305	-0.030	
23	23-May-12	0.213	0.640	
24	24-May-12	-0.091	1.158	
25	25-May-12	-0.152	1.554	
26	26-May-12	-0.213	2.926	
27	27-May-12	-0.213	2.377	
28	28-May-12	-0.213	2.804	
29	29-May-12	-0.213	2.438	
30	30-May-12	-0.244	1.524	
31	31-May-12	-0.427	-0.549	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-12	-0.701	-1.250	
2	02-Jun-12	-0.762	-1.250	
3	03-Jun-12	-0.030	-0.731	
4	04-Jun-12	-0.030	-0.640	
5	05-Jun-12	-0.030	0.183	
6	06-Jun-12	-0.152	0.640	
7	07-Jun-12	-0.152	1.341	
8	08-Jun-12	1.341	1.920	
9	09-Jun-12	1.097	2.865	
10	10-Jun-12	0.701	3.170	
11	11-Jun-12	0.457	3.139	
12	12-Jun-12	0.274	2.499	
13	13-Jun-12	0.091	1.463	
14	14-Jun-12	0.091	0.061	
15	15-Jun-12	-0.061	-0.396	
16	16-Jun-12	-0.305	-0.762	
17	17-Jun-12	-0.305	-0.518	
18	18-Jun-12	-0.152	-0.366	
19	19-Jun-12	0.396	-0.091	
20	20-Jun-12	0.701	0.335	
21	21-Jun-12	1.493	0.610	
22	22-Jun-12	1.280	1.006	
23	23-Jun-12	0.914	1.585	
24	24-Jun-12	0.671	2.408	
25	25-Jun-12	0.579	2.804	
26	26-Jun-12	0.640	3.261	
27	27-Jun-12	1.158	3.200	
28	28-Jun-12	2.408	2.713	
29	29-Jun-12	2.377	1.615	
30	30-Jun-12	1.646	-0.061	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-12	0.975	-1.036	
2	02-Jul-12	0.488	-0.640	
3	03-Jul-12	0.884	-0.396	
4	04-Jul-12	1.067	0.152	
5	05-Jul-12	1.493	0.671	
6	06-Jul-12	1.890	0.945	
7	07-Jul-12	1.951	1.920	
8	08-Jul-12	1.951	2.469	
9	09-Jul-12	1.402	2.987	
10	10-Jul-12	1.097	3.078	
11	11-Jul-12	0.762	2.987	
12	12-Jul-12	1.158	2.408	
13	13-Jul-12	1.615	1.372	
14	14-Jul-12	0.762	0.579	
15	15-Jul-12	0.366	-0.610	
16	16-Jul-12	0.244	-0.518	
17	17-Jul-12	0.183	-0.366	
18	18-Jul-12	0.549	-0.091	
19	19-Jul-12	1.737	-0.122	
20	20-Jul-12	1.798	0.457	
21	21-Jul-12	2.286	0.762	
22	22-Jul-12	2.286	1.372	
23	23-Jul-12	1.951	1.981	
24	24-Jul-12	1.402	3.322	
25	25-Jul-12	1.676	3.383	
26	26-Jul-12	2.194	3.688	
27	27-Jul-12	2.499	3.109	
28	28-Jul-12	2.499	2.133	
29	29-Jul-12	2.194	0.244	
30	30-Jul-12	1.951	-1.280	
31	31-Jul-12	1.676	-1.006	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-12	2.255	-0.701	
2	02-Aug-12	2.194	-0.030	
3	03-Aug-12	2.286	0.762	
4	04-Aug-12	2.438	1.219	
5	05-Aug-12	2.621	1.951	
6	06-Aug-12	2.743	1.890	
7	07-Aug-12	2.804	2.682	
8	08-Aug-12	2.438	2.774	
9	09-Aug-12	2.286	3.048	
10	10-Aug-12	2.194	2.865	
11	11-Aug-12	2.194	2.225	
12	12-Aug-12	1.615	1.372	
13	13-Aug-12	1.280	0.030	
14	14-Aug-12	1.158	-0.305	
15	15-Aug-12	1.036	-0.305	
16	16-Aug-12	1.311	-0.183	
17	17-Aug-12	1.737	-	
18	18-Aug-12	2.042	0.183	
19	19-Aug-12	2.194	0.671	
20	20-Aug-12	2.377	1.280	
21	21-Aug-12	2.347	1.646	
22	22-Aug-12	2.347	2.347	
23	23-Aug-12	2.530	2.835	
24	24-Aug-12	1.920	3.505	
25	25-Aug-12	1.737	3.170	
26	26-Aug-12	1.067	2.073	
27	27-Aug-12	0.762	0.152	
28	28-Aug-12	0.671	-0.792	
29	29-Aug-12	0.610	-0.335	
30	30-Aug-12	0.762	0.061	
31	31-Aug-12	1.189	0.701	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-12	2.225	0.335	
2	02-Sep-12	1.829	0.762	
3	03-Sep-12	1.554	0.975	
4	04-Sep-12	1.615	1.585	
5	05-Sep-12	1.158	2.042	
6	06-Sep-12	0.671	2.438	
7	07-Sep-12	1.493	2.713	
8	08-Sep-12	1.524	2.743	
9	09-Sep-12	1.372	2.560	
10	10-Sep-12	1.158	1.554	
11	11-Sep-12	0.884	0.427	
12	12-Sep-12	0.610	-0.305	
13	13-Sep-12	1.067	-0.640	
14	14-Sep-12	9.966	-0.366	
15	15-Sep-12	1.219	-0.152	
16	16-Sep-12	0.945	0.244	
17	17-Sep-12	0.853	0.549	
18	18-Sep-12	0.823	1.158	
19	19-Sep-12	0.579	1.432	
20	20-Sep-12	0.274	2.133	
21	21-Sep-12	0.061	2.774	
22	22-Sep-12	-0.061	3.109	
23	23-Sep-12	-	-	
24	24-Sep-12	1.219	0.366	
25	25-Sep-12	0.945	-0.091	
26	26-Sep-12	-0.030	-0.853	
27	27-Sep-12	-0.152	-1.128	
28	28-Sep-12	0.823	-0.549	
29	29-Sep-12	0.975	-0.152	
30	30-Sep-12	0.701	0.274	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-12	0.610	0.549	
2	02-Oct-12	1.372	0.853	
3	03-Oct-12	1.737	1.219	
4	04-Oct-12	1.951	1.554	
5	05-Oct-12	2.073	2.012	
6	06-Oct-12	2.164	1.859	
7	07-Oct-12	2.255	2.225	
8	08-Oct-12	2.286	2.255	
9	09-Oct-12	2.377	1.951	
10	10-Oct-12	2.560	1.158	
11	11-Oct-12	2.377	-0.183	
12	12-Oct-12	-	-	
13	13-Oct-12	2.255	-0.579	
14	14-Oct-12	2.377	-0.335	
15	15-Oct-12	2.438	-0.030	
16	16-Oct-12	2.469	0.396	
17	17-Oct-12	2.591	0.671	
18	18-Oct-12	2.682	1.067	
19	19-Oct-12	2.682	1.646	
20	20-Oct-12	2.682	2.530	
21	21-Oct-12	2.682	2.956	
22	22-Oct-12	2.682	2.682	
23	23-Oct-12	2.652	1.676	
24	24-Oct-12	2.652	0.731	
25	25-Oct-12	2.652	-0.884	
26	26-Oct-12	2.621	-0.701	
27	27-Oct-12	2.621	-0.579	
28	28-Oct-12	2.621	-0.335	
29	29-Oct-12	2.621	-0.091	
30	30-Oct-12	2.591	0.122	
31	31-Oct-12	2.591	0.335	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-12	2.591	0.640	
2	02-Nov-12	2.560	1.067	
3	03-Nov-12	2.560	1.768	
4	04-Nov-12	2.560	1.859	
5	05-Nov-12	2.560	2.408	
6	06-Nov-12	2.560	2.316	
7	07-Nov-12	2.560	2.042	
8	08-Nov-12	2.560	1.250	
9	09-Nov-12	2.560	0.213	
10	10-Nov-12	2.560	-1.097	
11	11-Nov-12	2.560	-1.097	
12	12-Nov-12	2.530	-0.853	
13	13-Nov-12	2.621	-0.488	
14	14-Nov-12	2.743	-0.091	
15	15-Nov-12	2.774	0.305	
16	16-Nov-12	2.804	0.792	
17	17-Nov-12	2.774	1.493	
18	18-Nov-12	2.713	2.225	
19	19-Nov-12	2.713	3.109	
20	20-Nov-12	2.713	2.895	
21	21-Nov-12	2.713	2.012	
22	22-Nov-12	2.713	0.853	
23	23-Nov-12	2.713	-0.183	
24	24-Nov-12	2.713	-1.250	
25	25-Nov-12	2.713	-1.158	
26	26-Nov-12	-	-	
27	27-Nov-12	-	-	
28	28-Nov-12	-	-	
29	29-Nov-12	-	-	
30	30-Nov-12	-	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2012 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-12	2.774	0.701	
2	02-Dec-12	2.774	1.006	
3	03-Dec-12	2.713	1.493	
4	04-Dec-12	2.743	2.073	
5	05-Dec-12	2.743	2.438	
6	06-Dec-12	2.743	2.713	
7	07-Dec-12	2.743	1.890	
8	08-Dec-12	2.743	1.097	
9	09-Dec-12	2.743	-0.518	
10	10-Dec-12	2.713	-1.280	
11	11-Dec-12	2.682	-1.097	
12	12-Dec-12	2.682	-0.762	
13	13-Dec-12	2.713	-0.183	
14	14-Dec-12	2.743	0.122	
15	15-Dec-12	2.774	0.579	
16	16-Dec-12	2.804	1.036	
17	17-Dec-12	2.804	2.073	
18	18-Dec-12	2.804	2.682	
19	19-Dec-12	2.804	2.713	
20	20-Dec-12	2.774	2.255	
21	21-Dec-12	2.743	1.432	
22	22-Dec-12	2.743	-0.305	
23	23-Dec-12	2.743	-0.853	
24	24-Dec-12	2.713	-1.158	
25	25-Dec-12	2.682	-1.189	
26	26-Dec-12	2.682	-0.792	
27	27-Dec-12	-	-	
28	28-Dec-12	-	-	
29	29-Dec-12	-	-	
30	30-Dec-12	-	-	
31	31-Dec-12	-	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-13	2.560	1.280	
2	02-Jan-13	2.560	1.768	
3	03-Jan-13	2.530	2.377	
4	04-Jan-13	2.530	2.591	
5	05-Jan-13	2.499	2.438	
6	06-Jan-13	2.499	1.829	
7	07-Jan-13	2.469	0.701	
8	08-Jan-13	2.438	-	
9	09-Jan-13	2.438	-	
10	10-Jan-13	2.438	-	
11	11-Jan-13	2.408	-0.488	
12	12-Jan-13	2.377	0.030	
13	13-Jan-13	2.377	0.427	
14	14-Jan-13	2.377	0.884	
15	15-Jan-13	2.347	1.585	
16	16-Jan-13	2.133	2.133	
17	17-Jan-13	2.652	2.652	
18	18-Jan-13	2.316	2.591	
19	19-Jan-13	2.316	2.164	
20	20-Jan-13	2.286	1.250	
21	21-Jan-13	2.255	0.244	
22	22-Jan-13	2.255	-	
23	23-Jan-13	2.255	-	
24	24-Jan-13	2.225	-	
25	25-Jan-13	2.194	-0.549	
26	26-Jan-13	2.164	-0.366	
27	27-Jan-13	2.164	-0.061	
28	28-Jan-13	2.133	0.305	
29	29-Jan-13	2.133	0.701	
30	30-Jan-13	2.133	0.914	
31	31-Jan-13	2.133	1.311	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-13	2.133	2.012	
2	02-Feb-13	2.103	2.560	
3	03-Feb-13	2.073	2.499	
4	04-Feb-13	2.073	1.951	
5	05-Feb-13	2.073	0.610	
6	06-Feb-13	2.042	-	
7	07-Feb-13	2.042	-	
8	08-Feb-13	2.012	-	
9	09-Feb-13	2.012	-0.640	
10	10-Feb-13	1.981	-0.015	
11	11-Feb-13	1.981	0.308	
12	12-Feb-13	1.951	0.488	
13	13-Feb-13	1.951	1.036	
14	14-Feb-13	1.920	1.737	
15	15-Feb-13	1.890	2.103	
16	16-Feb-13	1.890	2.377	
17	17-Feb-13	1.890	2.377	
18	18-Feb-13	1.890	1.768	
19	19-Feb-13	1.829	0.823	
20	20-Feb-13	1.829	-0.122	
21	21-Feb-13	1.798	-	
22	22-Feb-13	1.768	-	
23	23-Feb-13	1.768	-	
24	24-Feb-13	1.737	-	
25	25-Feb-13	1.707	-	
26	26-Feb-13	1.707	0.030	
27	27-Feb-13	1.676	-0.152	
28	28-Feb-13	1.676	0.671	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-13	1.646	1.036	
2	02-Mar-13	1.615	1.829	
3	03-Mar-13	1.615	2.316	
4	04-Mar-13	1.585	2.591	
5	05-Mar-13	1.585	2.377	
6	06-Mar-13	1.554	0.945	
7	07-Mar-13	1.554	-	
8	08-Mar-13	1.524	-	
9	09-Mar-13	1.524	-	
10	10-Mar-13	1.493	-	
11	11-Mar-13	1.493	-	
12	12-Mar-13	1.493	-0.030	
13	13-Mar-13	1.463	0.305	
14	14-Mar-13	1.432	0.701	
15	15-Mar-13	1.432	1.158	
16	16-Mar-13	1.402	1.432	
17	17-Mar-13	1.402	1.951	
18	18-Mar-13	1.372	1.981	
19	19-Mar-13	1.372	1.981	
20	20-Mar-13	1.341	1.432	
21	21-Mar-13	1.311	0.579	
22	22-Mar-13	1.311	-	
23	23-Mar-13	1.280	-	
24	24-Mar-13	1.280	-	
25	25-Mar-13	1.250	-	
26	26-Mar-13	1.250	-	
27	27-Mar-13	1.250	-	
28	28-Mar-13	1.250	-	
29	29-Mar-13	1.219	0.518	
30	30-Mar-13	1.219	1.067	
31	31-Mar-13	1.219	1.463	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-13	1.219	2.377	
2	02-Apr-13	1.189	2.560	
3	03-Apr-13	1.189	2.194	
4	04-Apr-13	1.189	1.097	
5	05-Apr-13	1.189	-	
6	06-Apr-13	1.158	-	
7	07-Apr-13	1.158	-	
8	08-Apr-13	1.158	-	
9	09-Apr-13	1.158	-	
10	10-Apr-13	1.158	-	
11	11-Apr-13	1.158	0.549	
12	12-Apr-13	1.158	-	
13	13-Apr-13	1.158	0.701	
14	14-Apr-13	1.158	1.128	
15	15-Apr-13	1.158	1.890	
16	16-Apr-13	1.128	1.981	
17	17-Apr-13	1.128	2.012	
18	18-Apr-13	2.225	1.951	
19	19-Apr-13	1.128	1.219	
20	20-Apr-13	1.128	-	
21	21-Apr-13	0.610	-	
22	22-Apr-13	0.396	-	
23	23-Apr-13	0.396	-	
24	24-Apr-13	0.396	-	
25	25-Apr-13	0.396	-	
26	26-Apr-13	0.396	-	
27	27-Apr-13	0.396	0.305	
28	28-Apr-13	0.396	0.792	
29	29-Apr-13	0.396	1.311	
30	30-Apr-13	0.396	2.103	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-13	0.366	2.865	
2	02-May-13	0.366	2.438	
3	03-May-13	0.366	1.676	
4	04-May-13	0.366	0.366	
5	05-May-13	0.366	-	
6	06-May-13	0.366	-	
7	07-May-13	0.366	-	
8	08-May-13	0.366	-	
9	09-May-13	0.366	-	
10	10-May-13	0.366	-	
11	11-May-13	0.366	-	
12	12-May-13	0.366	0.640	
13	13-May-13	0.366	0.975	
14	14-May-13	0.366	1.646	
15	15-May-13	0.366	1.981	
16	16-May-13	0.366	2.560	
17	17-May-13	0.427	2.774	
18	18-May-13	0.518	2.438	
19	19-May-13	0.518	1.768	
20	20-May-13	0.549	0.945	
21	21-May-13	0.549	-	
22	22-May-13	0.610	-	
23	23-May-13	0.823	-	
24	24-May-13	0.945	-	
25	25-May-13	1.036	-	
26	26-May-13	1.097	-	
27	27-May-13	1.311	0.945	
28	28-May-13	1.372	1.768	
29	29-May-13	1.432	2.956	
30	30-May-13	-	-	
31	31-May-13	1.646	0.061	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-13	1.707	2.438	
2	02-Jun-13	1.707	0.975	
3	03-Jun-13	1.707	-	
4	04-Jun-13	1.798	-	
5	05-Jun-13	1.829	-0.579	
6	06-Jun-13	1.097	-0.335	
7	07-Jun-13	1.646	-0.274	
8	08-Jun-13	1.646	-0.152	
9	09-Jun-13	1.493	0.122	
10	10-Jun-13	1.189	0.884	
11	11-Jun-13	1.554	1.128	
12	12-Jun-13	2.469	1.341	
13	13-Jun-13	2.377	2.286	
14	14-Jun-13	2.438	2.652	
15	15-Jun-13	2.133	2.865	
16	16-Jun-13	1.372	2.956	
17	17-Jun-13	0.914	2.438	
18	18-Jun-13	0.549	1.920	
19	19-Jun-13	1.189	0.457	
20	20-Jun-13	1.250	-0.457	
21	21-Jun-13	1.067	-0.975	
22	22-Jun-13	0.671	-0.853	
23	23-Jun-13	0.914	-0.244	
24	24-Jun-13	1.250	0.091	
25	25-Jun-13	1.250	0.731	
26	26-Jun-13	1.768	0.366	
27	27-Jun-13	1.981	2.133	
28	28-Jun-13	2.073	2.956	
29	29-Jun-13	1.951	3.566	
30	30-Jun-13	1.524	2.865	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-13	0.884	2.255	
2	02-Jul-13	1.432	1.341	
3	03-Jul-13	1.097	-0.061	
4	04-Jul-13	0.549	-0.671	
5	05-Jul-13	0.518	-0.762	
6	06-Jul-13	0.213	-0.396	
7	07-Jul-13	0.305	-0.030	
8	08-Jul-13	0.640	0.518	
9	09-Jul-13	0.914	0.701	
10	10-Jul-13	1.158	1.067	
11	11-Jul-13	1.524	1.372	
12	12-Jul-13	1.402	1.737	
13	13-Jul-13	1.158	2.164	
14	14-Jul-13	1.432	2.804	
15	15-Jul-13	1.158	3.261	
16	16-Jul-13	0.701	3.322	
17	17-Jul-13	0.914	2.530	
18	18-Jul-13	0.579	1.493	
19	19-Jul-13	0.945	0.091	
20	20-Jul-13	1.737	-1.067	
21	21-Jul-13	1.890	-0.914	
22	22-Jul-13	1.829	-0.091	
23	23-Jul-13	1.890	-0.061	
24	24-Jul-13	2.073	0.975	
25	25-Jul-13	2.133	1.280	
26	26-Jul-13	2.347	2.073	
27	27-Jul-13	2.408	2.682	
28	28-Jul-13	2.316	3.353	
29	29-Jul-13	1.890	3.627	
30	30-Jul-13	2.042	2.865	
31	31-Jul-13	1.951	2.225	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-13	1.707	1.189	
2	02-Aug-13	1.432	-0.091	
3	03-Aug-13	1.311	-0.549	
4	04-Aug-13	1.067	-0.274	
5	05-Aug-13	1.250	0.030	
6	06-Aug-13	1.158	0.183	
7	07-Aug-13	1.158	0.427	
8	08-Aug-13	1.128	0.853	
9	09-Aug-13	1.432	1.219	
10	10-Aug-13	1.189	1.676	
11	11-Aug-13	1.067	2.103	
12	12-Aug-13	1.280	2.713	
13	13-Aug-13	1.676	3.292	
14	14-Aug-13	1.097	3.627	
15	15-Aug-13	0.914	3.383	
16	16-Aug-13	0.701	2.255	
17	17-Aug-13	0.671	0.579	
18	18-Aug-13	0.884	-0.671	
19	19-Aug-13	0.762	-0.488	
20	20-Aug-13	0.823	-0.183	
21	21-Aug-13	1.189	-0.183	
22	22-Aug-13	1.463	0.792	
23	23-Aug-13	2.499	1.250	
24	24-Aug-13	2.682	1.646	
25	25-Aug-13	2.713	2.469	
26	26-Aug-13	2.804	2.804	
27	27-Aug-13	2.530	3.078	
28	28-Aug-13	1.920	2.408	
29	29-Aug-13	1.219	2.408	
30	30-Aug-13	0.792	1.493	
31	31-Aug-13	0.457	0.549	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-13	0.152	-0.244	
2	02-Sep-13	0.183	-0.457	
3	03-Sep-13	0.213	-0.152	
4	04-Sep-13	0.122	0.091	
5	05-Sep-13	-0.122	0.396	
6	06-Sep-13	1.646	0.640	
7	07-Sep-13	2.042	0.792	
8	08-Sep-13	2.133	1.189	
9	09-Sep-13	2.164	1.646	
10	10-Sep-13	2.042	2.225	
11	11-Sep-13	1.829	2.987	
12	12-Sep-13	2.103	3.261	
13	13-Sep-13	1.951	3.017	
14	14-Sep-13	1.768	2.225	
15	15-Sep-13	2.133	0.823	
16	16-Sep-13	2.164	-0.610	
17	17-Sep-13	2.316	-0.701	
18	18-Sep-13	2.103	-0.122	
19	19-Sep-13	2.194	0.244	
20	20-Sep-13	1.920	0.701	
21	21-Sep-13	2.956	0.914	
22	22-Sep-13	2.804	1.250	
23	23-Sep-13	2.682	1.707	
24	24-Sep-13	2.774	2.194	
25	25-Sep-13	2.713	2.804	
26	26-Sep-13	2.377	2.743	
27	27-Sep-13	2.073	2.591	
28	28-Sep-13	2.194	1.951	
29	29-Sep-13	2.133	0.975	
30	30-Sep-13	2.164	-0.152	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-13	2.073	-0.518	
2	02-Oct-13	1.981	-0.305	
3	03-Oct-13	1.920	-0.061	
4	04-Oct-13	1.951	0.061	
5	05-Oct-13	1.920	0.366	
6	06-Oct-13	1.829	0.671	
7	07-Oct-13	1.768	0.975	
8	08-Oct-13	1.646	1.372	
9	09-Oct-13	1.707	2.164	
10	10-Oct-13	1.829	2.987	
11	11-Oct-13	1.951	3.353	
12	12-Oct-13	1.981	2.956	
13	13-Oct-13	2.042	1.707	
14	14-Oct-13	2.073	0.366	
15	15-Oct-13	2.073	-0.792	
16	16-Oct-13	2.103	-0.610	
17	17-Oct-13	2.133	-0.213	
18	18-Oct-13	2.956	0.061	
19	19-Oct-13	2.895	0.122	
20	20-Oct-13	2.743	0.366	
21	21-Oct-13	2.530	0.701	
22	22-Oct-13	2.591	1.250	
23	23-Oct-13	2.652	1.554	
24	24-Oct-13	2.743	2.042	
25	25-Oct-13	2.530	1.920	
26	26-Oct-13	2.316	2.255	
27	27-Oct-13	2.194	1.981	
28	28-Oct-13	2.438	1.067	
29	29-Oct-13	2.438	0.366	
30	30-Oct-13	2.408	-0.610	
31	31-Oct-13	2.225	-0.762	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-13	2.164	-0.488	
2	02-Nov-13	2.194	-0.305	
3	03-Nov-13	2.225	-0.091	
4	04-Nov-13	2.225	0.183	
5	05-Nov-13	2.225	0.610	
6	06-Nov-13	2.225	0.975	
7	07-Nov-13	2.225	1.585	
8	08-Nov-13	2.225	2.316	
9	09-Nov-13	2.225	2.835	
10	10-Nov-13	2.225	2.743	
11	11-Nov-13	2.225	1.493	
12	12-Nov-13	2.225	0.549	
13	13-Nov-13	2.225	-1.158	
14	14-Nov-13	2.286	-1.128	
15	15-Nov-13	2.316	-0.701	
16	16-Nov-13	2.347	-0.610	
17	17-Nov-13	2.377	-0.305	
18	18-Nov-13	2.438	0.061	
19	19-Nov-13	2.469	0.305	
20	20-Nov-13	2.499	0.823	
21	21-Nov-13	2.560	1.219	
22	22-Nov-13	2.591	1.676	
23	23-Nov-13	2.591	1.920	
24	24-Nov-13	2.438	2.255	
25	25-Nov-13	2.438	2.377	
26	26-Nov-13	2.408	2.164	
27	27-Nov-13	2.408	1.128	
28	28-Nov-13	2.408	0.030	
29	29-Nov-13	2.377	1.280	
30	30-Nov-13	2.377	-1.097	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2013 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-13	2.408	-0.884	
2	02-Dec-13	2.438	-0.518	
3	03-Dec-13	2.499	-0.152	
4	04-Dec-13	2.560	0.305	
5	05-Dec-13	2.591	-	
6	06-Dec-13	2.621	1.341	
7	07-Dec-13	2.652	2.225	
8	08-Dec-13	2.652	2.956	
9	09-Dec-13	2.652	2.865	
10	10-Dec-13	2.621	2.316	
11	11-Dec-13	2.621	0.640	
12	12-Dec-13	2.591	-0.701	
13	13-Dec-13	2.560	-	
14	14-Dec-13	2.560	-1.097	
15	15-Dec-13	2.530	-1.036	
16	16-Dec-13	2.530	-0.701	
17	17-Dec-13	2.530	-0.396	
18	18-Dec-13	2.560	0.091	
19	19-Dec-13	2.591	0.549	
20	20-Dec-13	2.591	0.823	
21	21-Dec-13	2.621	1.280	
22	22-Dec-13	2.621	1.707	
23	23-Dec-13	2.621	2.133	
24	24-Dec-13	2.591	2.133	
25	25-Dec-13	2.591	2.377	
26	26-Dec-13	2.560	1.890	
27	27-Dec-13	2.560	0.884	
28	28-Dec-13	2.560	-0.152	
29	29-Dec-13	2.530	-	
30	30-Dec-13	2.530	-1.280	
31	31-Dec-13	2.530	-0.762	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**January-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jan-14	2.560	-0.366	
2	02-Jan-14	2.591	0.183	
3	03-Jan-14	2.621	0.701	
4	04-Jan-14	2.652	1.341	
5	05-Jan-14	2.682	1.737	
6	06-Jan-14	2.682	2.621	
7	07-Jan-14	2.682	2.987	
8	08-Jan-14	2.682	2.591	
9	09-Jan-14	2.682	1.493	
10	10-Jan-14	2.652	-0.030	
11	11-Jan-14	2.652	-	
12	12-Jan-14	2.652	-	
13	13-Jan-14	2.621	-	
14	14-Jan-14	2.591	-0.701	
15	15-Jan-14	2.591	-0.396	
16	16-Jan-14	2.591	-0.030	
17	17-Jan-14	2.560	0.244	
18	18-Jan-14	2.560	0.610	
19	19-Jan-14	2.560	0.945	
20	20-Jan-14	2.530	1.463	
21	21-Jan-14	2.530	1.859	
22	22-Jan-14	2.499	2.286	
23	23-Jan-14	2.499	2.133	
24	24-Jan-14	2.499	2.133	
25	25-Jan-14	2.469	1.402	
26	26-Jan-14	2.438	0.152	
27	27-Jan-14	2.438	-	
28	28-Jan-14	2.438	-	
29	29-Jan-14	2.438	-	
30	30-Jan-14	2.438	-0.488	
31	31-Jan-14	2.408	-0.030	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**February-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Feb-14	2.408	0.457	
2	02-Feb-14	2.377	0.884	
3	03-Feb-14	2.377	1.402	
4	04-Feb-14	2.377	2.042	
5	05-Feb-14	2.377	2.438	
6	06-Feb-14	2.377	2.560	
7	07-Feb-14	2.347	1.890	
8	08-Feb-14	2.316	0.731	
9	09-Feb-14	2.316	-0.305	
10	10-Feb-14	2.286	-	
11	11-Feb-14	2.286	-	
12	12-Feb-14	2.286	-	
13	13-Feb-14	2.255	-0.640	
14	14-Feb-14	2.255	-0.274	
15	15-Feb-14	2.255	0.030	
16	16-Feb-14	2.255	0.366	
17	17-Feb-14	2.225	0.792	
18	18-Feb-14	2.194	0.975	
19	19-Feb-14	2.194	1.463	
20	20-Feb-14	2.194	1.981	
21	21-Feb-14	2.194	2.347	
22	22-Feb-14	2.194	2.438	
23	23-Feb-14	2.164	1.890	
24	24-Feb-14	2.164	0.610	
25	25-Feb-14	2.133	-	
26	26-Feb-14	2.133	-	
27	27-Feb-14	2.133	-	
28	28-Feb-14	2.133	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**March-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Mar-14	2.073	-0.213	
2	02-Mar-14	2.073	0.213	
3	03-Mar-14	2.073	0.579	
4	04-Mar-14	2.073	0.853	
5	05-Mar-14	2.073	1.646	
6	06-Mar-14	2.042	2.103	
7	07-Mar-14	2.042	2.408	
8	08-Mar-14	2.042	2.012	
9	09-Mar-14	2.042	1.189	
10	10-Mar-14	2.042	0.335	
11	11-Mar-14	2.012	-	
12	12-Mar-14	2.012	-	
13	13-Mar-14	2.012	-	
14	14-Mar-14	1.981	-	
15	15-Mar-14	1.951	-	
16	16-Mar-14	1.951	-0.305	
17	17-Mar-14	1.951	-0.030	
18	18-Mar-14	1.920	0.213	
19	19-Mar-14	1.920	0.518	
20	20-Mar-14	1.890	0.975	
21	21-Mar-14	1.890	1.524	
22	22-Mar-14	1.890	2.164	
23	23-Mar-14	1.859	2.530	
24	24-Mar-14	1.859	1.920	
25	25-Mar-14	1.829	0.701	
26	26-Mar-14	1.829	-	
27	27-Mar-14	1.829	-	
28	28-Mar-14	1.829	-	
29	29-Mar-14	1.829	-	
30	30-Mar-14	1.829	-	
31	31-Mar-14	1.829	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**April-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Apr-14	1.829	0.701	
2	02-Apr-14	1.829	0.335	
3	03-Apr-14	1.829	1.280	
4	04-Apr-14	1.829	1.920	
5	05-Apr-14	1.829	2.103	
6	06-Apr-14	1.829	2.194	
7	07-Apr-14	1.829	1.768	
8	08-Apr-14	1.798	1.067	
9	09-Apr-14	1.768	0.366	
10	10-Apr-14	1.768	-	
11	11-Apr-14	1.768	-	
12	12-Apr-14	1.768	-	
13	13-Apr-14	1.737	-	
14	14-Apr-14	1.737	-	
15	15-Apr-14	1.737	-	
16	16-Apr-14	1.707	0.122	
17	17-Apr-14	1.707	0.366	
18	18-Apr-14	1.707	0.731	
19	19-Apr-14	1.707	1.463	
20	20-Apr-14	1.707	2.164	
21	21-Apr-14	1.707	2.652	
22	22-Apr-14	1.707	2.286	
23	23-Apr-14	1.707	1.402	
24	24-Apr-14	1.676	-	
25	25-Apr-14	1.676	-	
26	26-Apr-14	1.676	-	
27	27-Apr-14	1.676	-	
28	28-Apr-14	1.676	-	
29	29-Apr-14	1.676	-	
30	30-Apr-14	1.646	-	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**May-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-May-14	1.646	0.396	
2	02-May-14	1.646	1.128	
3	03-May-14	1.646	1.432	
4	04-May-14	1.646	2.073	
5	05-May-14	1.615	2.347	
6	06-May-14	1.615	2.316	
7	07-May-14	1.615	1.920	
8	08-May-14	1.585	1.250	
9	09-May-14	1.585	-	
10	10-May-14	1.493	-	
11	11-May-14	1.189	-	
12	12-May-14	0.640	-	
13	13-May-14	0.274	-	
14	14-May-14	0.183	-	
15	15-May-14	0.152	-0.030	
16	16-May-14	0.091	0.305	
17	17-May-14	0.030	1.006	
18	18-May-14	0.061	1.372	
19	19-May-14	1.067	2.225	
20	20-May-14	1.189	2.987	
21	21-May-14	0.610	3.078	
22	22-May-14	0.488	2.377	
23	23-May-14	0.152	1.250	
24	24-May-14	0.213	-0.396	
25	25-May-14	-0.457	-1.158	
26	26-May-14	-0.518	-1.067	
27	27-May-14	-0.305	-0.610	
28	28-May-14	-0.427	-0.518	
29	29-May-14	-0.061	-0.030	
30	30-May-14	-0.091	-0.183	
31	31-May-14	-0.091	0.701	



**Baw Chaung Sluice (Everyday 9:00 AM)**  
**June-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jun-14	-0.152	1.280	
2	02-Jun-14	-0.213	1.798	
3	03-Jun-14	-0.183	2.316	
4	04-Jun-14	-0.183	2.560	
5	05-Jun-14	0.000	0.000	
6	06-Jun-14	-0.152	2.408	
7	07-Jun-14	-0.183	1.524	
8	08-Jun-14	-0.061	0.640	
9	09-Jun-14	-0.183	-0.427	
10	10-Jun-14	0.671	-0.731	
11	11-Jun-14	0.610	-0.610	
12	12-Jun-14	1.097	-0.366	
13	13-Jun-14	1.311	-0.091	
14	14-Jun-14	1.036	0.335	
15	15-Jun-14	1.158	0.945	
16	16-Jun-14	1.128	1.585	
17	17-Jun-14	1.280	2.499	
18	18-Jun-14	1.250	3.475	
19	19-Jun-14	1.372	3.627	
20	20-Jun-14	1.311	3.017	
21	21-Jun-14	0.640	1.920	
22	22-Jun-14	0.335	0.640	
23	23-Jun-14	1.463	-0.671	
24	24-Jun-14	1.219	-0.975	
25	25-Jun-14	1.493	-1.067	
26	26-Jun-14	1.097	-0.366	
27	27-Jun-14	0.792	-0.488	
28	28-Jun-14	1.128	0.305	
29	29-Jun-14	1.158	0.671	
30	30-Jun-14	1.128	1.219	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**July-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Jul-14	2.073	1.768	
2	02-Jul-14	2.194	2.225	
3	03-Jul-14	1.737	2.743	
4	04-Jul-14	1.250	2.743	
5	05-Jul-14	1.219	3.078	
6	06-Jul-14	1.250	2.743	
7	07-Jul-14	0.823	1.890	
8	08-Jul-14	0.457	0.823	
9	09-Jul-14	0.640	-0.305	
10	10-Jul-14	0.823	-0.671	
11	11-Jul-14	0.701	-0.244	
12	12-Jul-14	0.671	0.091	
13	13-Jul-14	1.920	0.366	
14	14-Jul-14	2.499	0.884	
15	15-Jul-14	2.530	1.768	
16	16-Jul-14	2.713	2.316	
17	17-Jul-14	2.560	2.956	
18	18-Jul-14	2.194	3.718	
19	19-Jul-14	1.829	3.566	
20	20-Jul-14	2.835	2.652	
21	21-Jul-14	2.530	1.463	
22	22-Jul-14	2.377	-0.122	
23	23-Jul-14	2.194	-1.372	
24	24-Jul-14	1.951	-0.914	
25	25-Jul-14	1.707	-0.610	
26	26-Jul-14	1.524	-0.061	
27	27-Jul-14	1.737	0.183	
28	28-Jul-14	1.707	0.701	
29	29-Jul-14	1.280	1.311	
30	30-Jul-14	1.676	1.524	
31	31-Jul-14	1.554	2.042	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**August-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Aug-14	2.255	2.499	
2	02-Aug-14	2.255	3.078	
3	03-Aug-14	2.347	3.414	
4	04-Aug-14	2.713	3.353	
5	05-Aug-14	2.743	2.804	
6	06-Aug-14	2.255	1.554	
7	07-Aug-14	2.194	-0.549	
8	08-Aug-14	2.194	-1.097	
9	09-Aug-14	2.133	-0.792	
10	10-Aug-14	2.225	-0.244	
11	11-Aug-14	2.194	0.030	
12	12-Aug-14	1.951	0.671	
13	13-Aug-14	1.554	1.280	
14	14-Aug-14	1.250	1.920	
15	15-Aug-14	1.128	2.743	
16	16-Aug-14	1.493	3.261	
17	17-Aug-14	1.402	3.840	
18	18-Aug-14	0.975	2.804	
19	19-Aug-14	0.792	2.255	
20	20-Aug-14	0.610	0.549	
21	21-Aug-14	0.579	-0.366	
22	22-Aug-14	0.792	-0.457	
23	23-Aug-14	0.853	-0.244	
24	24-Aug-14	0.640	-0.091	
25	25-Aug-14	0.640	0.152	
26	26-Aug-14	0.731	0.579	
27	27-Aug-14	1.006	0.823	
28	28-Aug-14	1.158	1.219	
29	29-Aug-14	1.463	1.524	
30	30-Aug-14	2.377	2.103	
31	31-Aug-14	2.438	2.591	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**September-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Sep-14	1.890	3.078	
2	02-Sep-14	1.493	3.139	
3	03-Sep-14	1.493	2.682	
4	04-Sep-14	1.372	1.615	
5	05-Sep-14	1.006	0.335	
6	06-Sep-14	1.311	-0.671	
7	07-Sep-14	1.463	-0.366	
8	08-Sep-14	1.981	-0.122	
9	09-Sep-14	1.920	0.091	
10	10-Sep-14	1.737	0.610	
11	11-Sep-14	1.585	1.189	
12	12-Sep-14	1.463	1.493	
13	13-Sep-14	1.768	2.347	
14	14-Sep-14	2.133	2.956	
15	15-Sep-14	2.225	2.987	
16	16-Sep-14	2.255	2.804	
17	17-Sep-14	2.286	1.951	
18	18-Sep-14	2.042	0.823	
19	19-Sep-14	2.225	-0.122	
20	20-Sep-14	2.560	-0.305	
21	21-Sep-14	2.377	-0.366	
22	22-Sep-14	2.255	-0.366	
23	23-Sep-14	2.133	-0.061	
24	24-Sep-14	2.012	0.061	
25	25-Sep-14	2.012	0.610	
26	26-Sep-14	1.951	0.762	
27	27-Sep-14	1.951	1.006	
28	28-Sep-14	1.920	1.493	
29	29-Sep-14	1.951	2.103	
30	30-Sep-14	1.951	2.530	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**October-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Oct-14	1.951	2.956	
2	02-Oct-14	2.133	2.652	
3	03-Oct-14	2.255	1.707	
4	04-Oct-14	2.133	0.091	
5	05-Oct-14	2.255	-0.914	
6	06-Oct-14	2.164	-0.640	
7	07-Oct-14	2.225	-0.091	
8	08-Oct-14	2.255	0.213	
9	09-Oct-14	2.347	0.762	
10	10-Oct-14	2.591	1.097	
11	11-Oct-14	2.774	1.341	
12	12-Oct-14	2.652	1.859	
13	13-Oct-14	2.743	2.225	
14	14-Oct-14	2.499	2.560	
15	15-Oct-14	2.225	2.377	
16	16-Oct-14	2.316	1.829	
17	17-Oct-14	2.377	1.128	
18	18-Oct-14	2.225	0.091	
19	19-Oct-14	2.225	-0.610	
20	20-Oct-14	2.347	-0.823	
21	21-Oct-14	2.682	-0.427	
22	22-Oct-14	2.682	-0.579	
23	23-Oct-14	2.438	-0.183	
24	24-Oct-14	2.377	0.030	
25	25-Oct-14	2.316	0.396	
26	26-Oct-14	2.347	0.853	
27	27-Oct-14	2.438	1.189	
28	28-Oct-14	2.469	1.798	
29	29-Oct-14	2.469	2.499	
30	30-Oct-14	2.255	2.804	
31	31-Oct-14	2.560	2.621	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**November-2014 Datum: MSL**

No.	Date	Inside(m)	Outside(m)	Remark
1	01-Nov-14	2.621	1.676	
2	02-Nov-14	2.621	0.579	
3	03-Nov-14	2.652	-1.280	
4	04-Nov-14	2.682	-1.006	
5	05-Nov-14	3.048	-0.488	
6	06-Nov-14	3.048	-0.213	
7	07-Nov-14	3.353	-0.366	
8	08-Nov-14	3.322	0.030	
9	09-Nov-14	3.231	0.518	
10	10-Nov-14	3.170	1.128	
11	11-Nov-14	3.139	1.829	
12	12-Nov-14	2.987	2.225	
13	13-Nov-14	2.774	2.682	
14	14-Nov-14	2.743	2.377	
15	15-Nov-14	2.743	1.798	
16	16-Nov-14	2.347	1.250	
17	17-Nov-14	2.377	0.030	
18	18-Nov-14	2.438	-0.671	
19	19-Nov-14	2.438	-0.884	
20	20-Nov-14	2.438	-0.762	
21	21-Nov-14	2.469	-0.518	
22	22-Nov-14	2.499	-0.244	
23	23-Nov-14	2.499	-0.183	
24	24-Nov-14	2.499	0.457	
25	25-Nov-14	2.499	0.823	
26	26-Nov-14	2.469	1.463	
27	27-Nov-14	2.469	2.316	
28	28-Nov-14	2.469	2.956	
29	29-Nov-14	2.408	2.926	
30	30-Nov-14	2.408	1.981	

**Baw Chaung Sluice (Everyday 9:00 AM)**  
**December-2014 Datum: MSL**

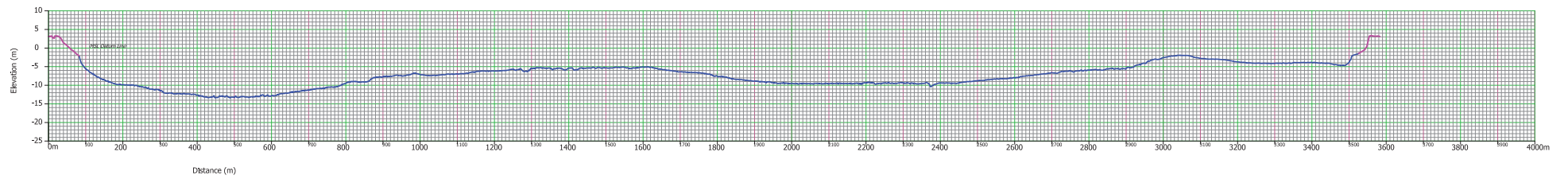
No.	Date	Inside(m)	Outside(m)	Remark
1	01-Dec-14	2.408	0.731	
2	02-Dec-14	2.408	-0.823	
3	03-Dec-14	2.408	-1.067	
4	04-Dec-14	2.438	-0.945	
5	05-Dec-14	2.499	-0.671	
6	06-Dec-14	2.530	-0.305	
7	07-Dec-14	2.560	0.213	
8	08-Dec-14	2.499	0.701	
9	09-Dec-14	2.621	0.853	
10	10-Dec-14	2.652	1.615	
11	11-Dec-14	2.652	1.829	
12	12-Dec-14	2.652	1.890	
13	13-Dec-14	2.652	2.499	
14	14-Dec-14	2.621	2.408	
15	15-Dec-14	2.621	1.737	
16	16-Dec-14	2.591	0.792	
17	17-Dec-14	2.591	-0.030	
18	18-Dec-14	2.560	-1.067	
19	19-Dec-14	2.560	-1.097	
20	20-Dec-14	2.591	-1.006	
21	21-Dec-14	2.530	-0.610	
22	22-Dec-14	2.530	-1.158	
23	23-Dec-14	2.499	0.274	
24	24-Dec-14	2.499	0.823	
25	25-Dec-14	2.499	1.341	
26	26-Dec-14	2.499	1.920	
27	27-Dec-14	2.499	2.743	
28	28-Dec-14	2.499	2.956	
29	29-Dec-14	2.499	2.286	
30	30-Dec-14	2.499	1.128	
31	31-Dec-14	2.499	-0.366	

## 水文調査

### 付録-12 Drawings of River Section




### Cross section - C-1



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

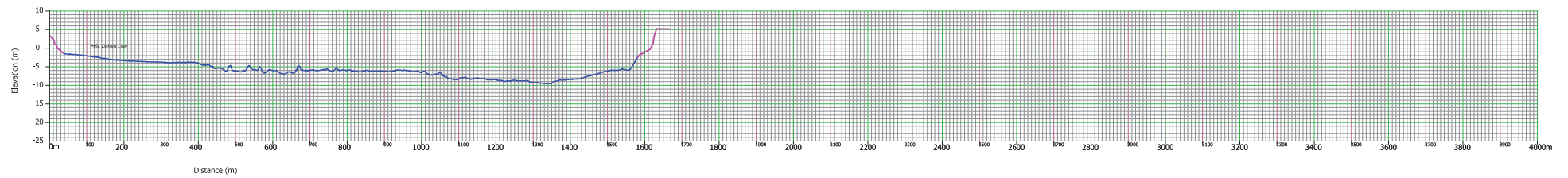
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-1	1
	DWG No.
	P1-GE-001

### Cross section - C-2



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

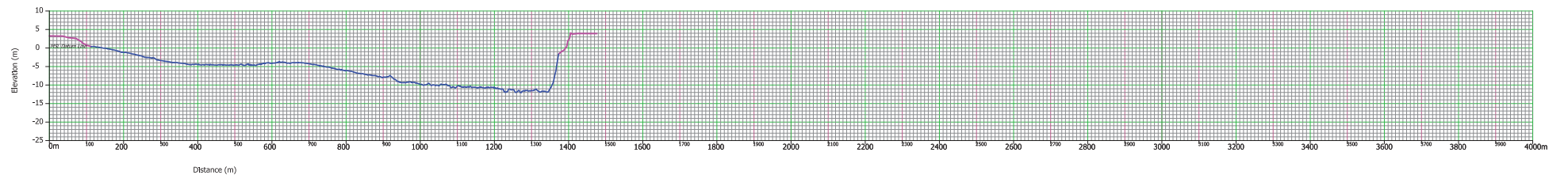
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-2	1
	DWG No.
	P1-GE-001

### Cross section - C-3



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

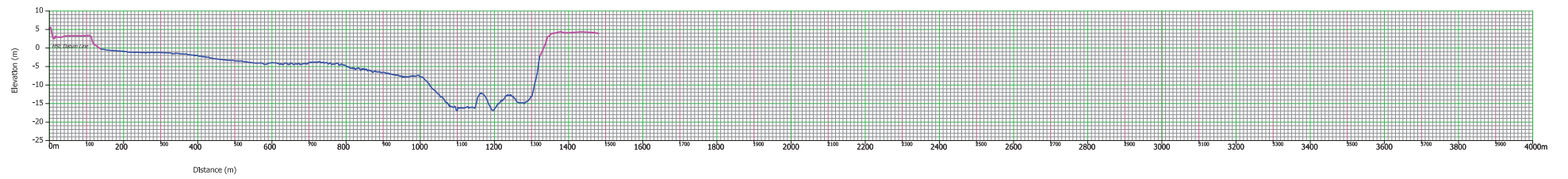
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-3	1
	DWG No.
	P1-GE-001

### Cross section - C-4



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

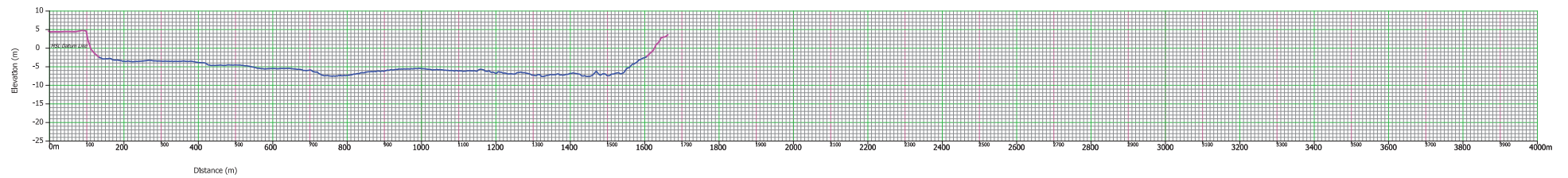
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		

DRAWING TITLE	PACKAGE
Cross Section C-4	1
	DWG No.
	P1-GE-001

### Cross section - C-5



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

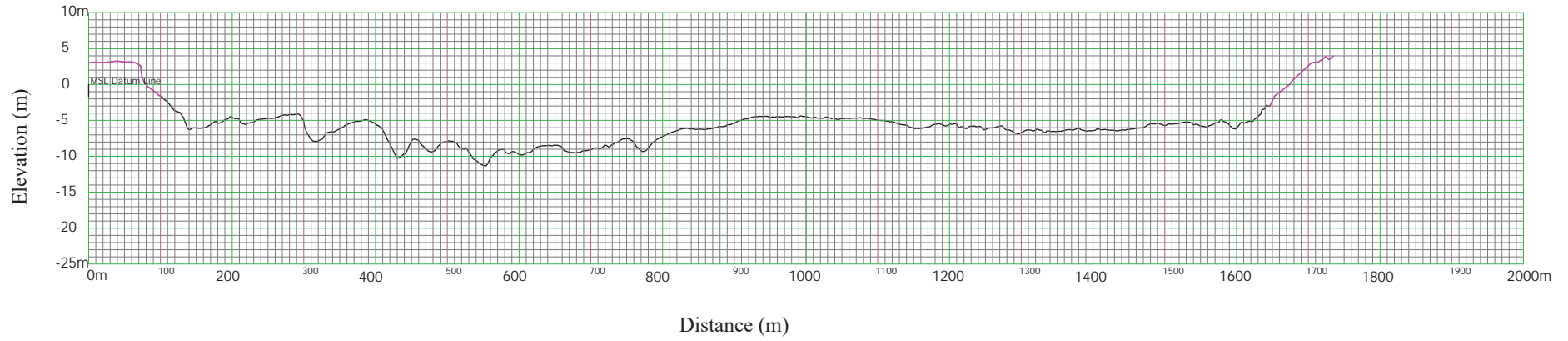
JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		

DRAWING TITLE	PACKAGE
Cross Section C-5	1
	DWG No.
	P1-GE-001


A-180

Cross section - C-6



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

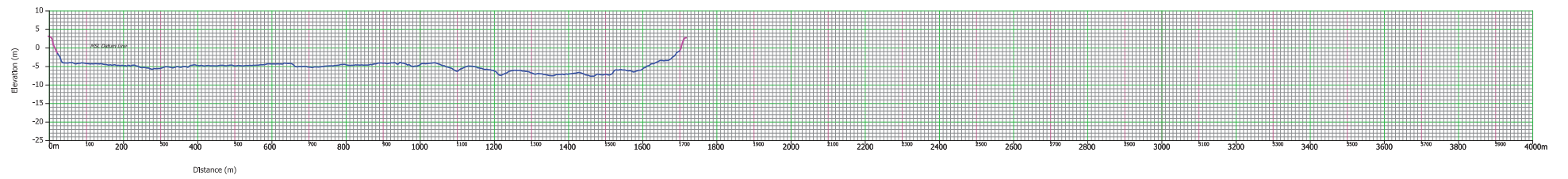
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-6	1
	DWG No.
	P1-GE-001

### Cross section - C-7



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

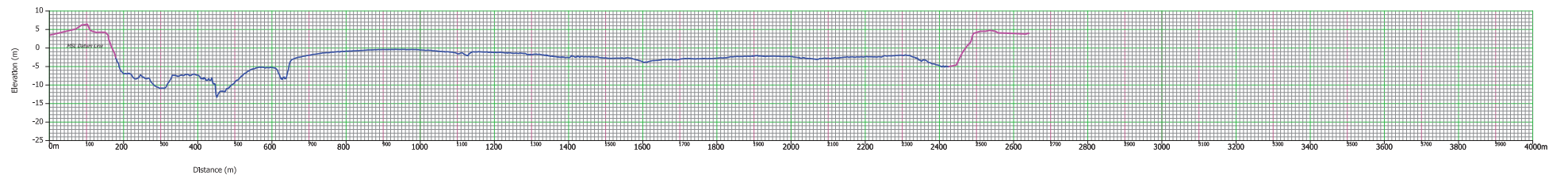
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-7	1
	DWG No.
	P1-GE-001

### Cross section - C-8



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

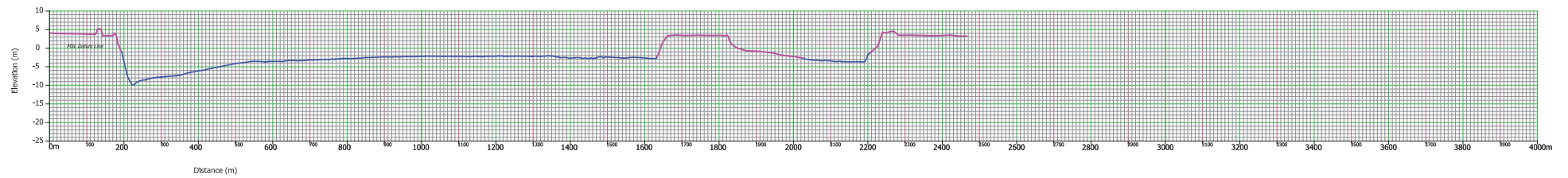
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
PREPARED BY	*Group Leader			Cross Section C-8	1
CHECKED BY	T. HAYAKAWA				DWG No.
APPROVED BY	Y. SANO				P1-GE-001




### Cross section - C-9



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

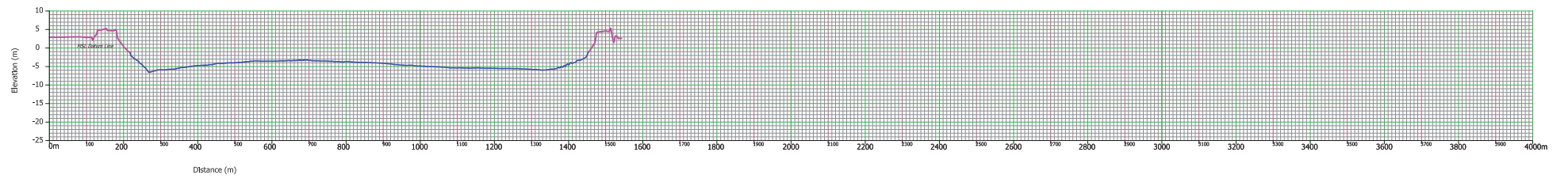
COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		


DRAWING TITLE	PACKAGE
Cross Section C-9	1
	DWG No.
	P1-GE-001

### Cross section - C-10



PROJECT NAME  
 DETAILED DESIGN ON  
 BAGO RIVER BRIDGE  
 CONSTRUCTION PROJECT

FINANCED BY  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY

COUNTERPART  
 REPUBLIC OF THE UNION OF MYANMAR  
 MINISTRY OF CONSTRUCTION  
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	*Group Leader		
CHECKED BY	T. HAYAKAWA		
APPROVED BY	Y. SANO		

DRAWING TITLE	PACKAGE
Cross Section C-10	1
	DWG No.
	P1-GE-001

## 公共施設調査

### 付録-13    Underground Utility Survey Result

## Survey Sheet of D1(EXV)

### 1. Summary of Location

The location of D1(EXV) pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Thalawadi road in the Tharkayta Township.

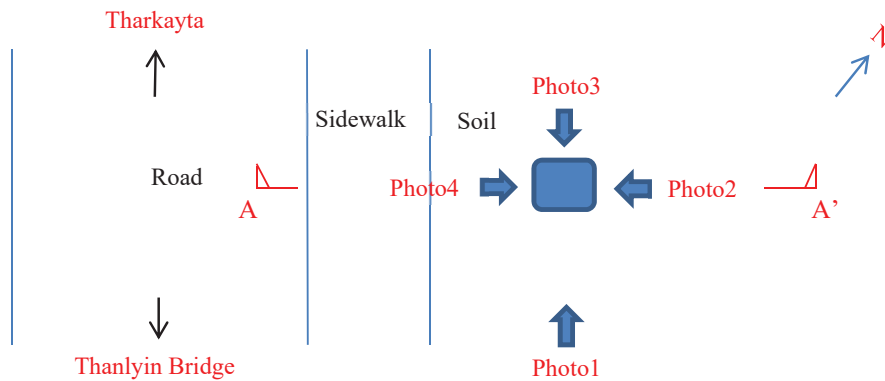
- Latitude 16° 48' 18.6422" N
- Longitude 96° 13' 15.9621" E



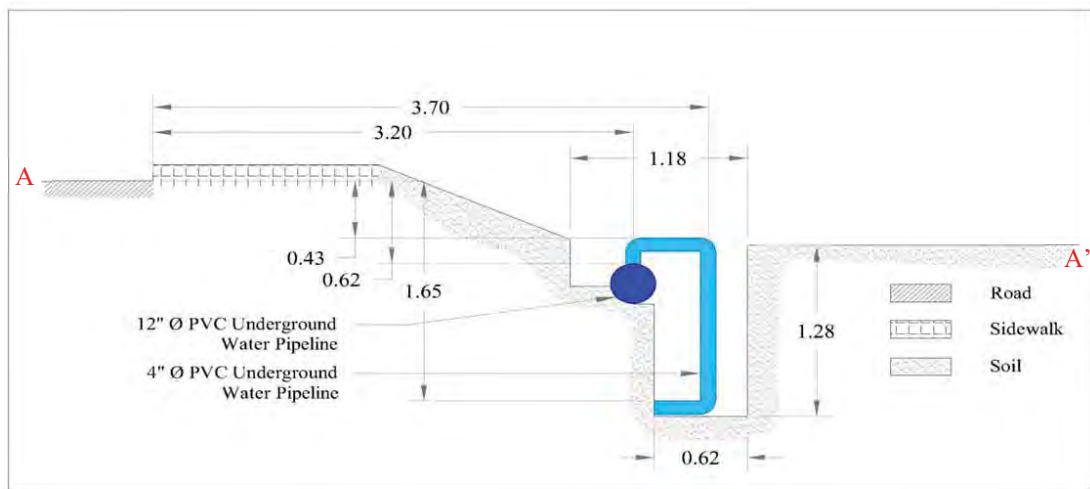
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

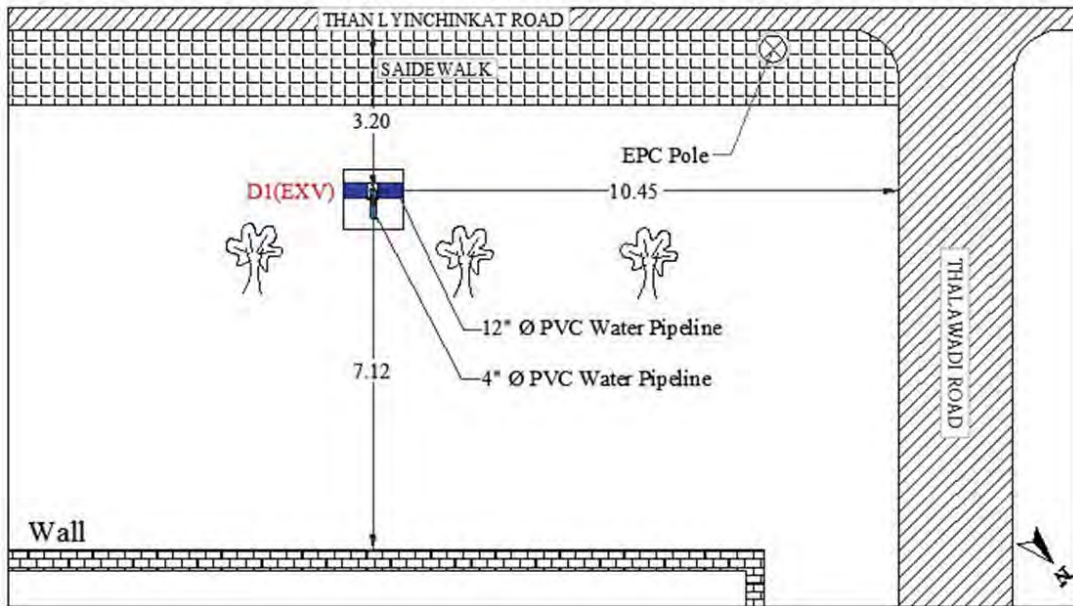


### 3. Cross Section



Cross Section

4. Plan View



5. Photos of DI(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D5(EXV)

### 1. Summary of Location

The location of D5(EXV) pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Yadanar road in the Tharkayta Township.

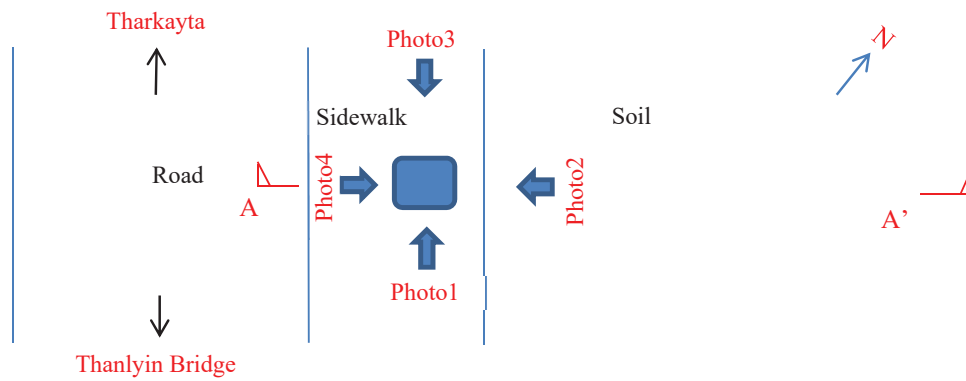
- Latitude 16° 48' 11.7466" N
- Longitude 96° 13' 24.3200" E



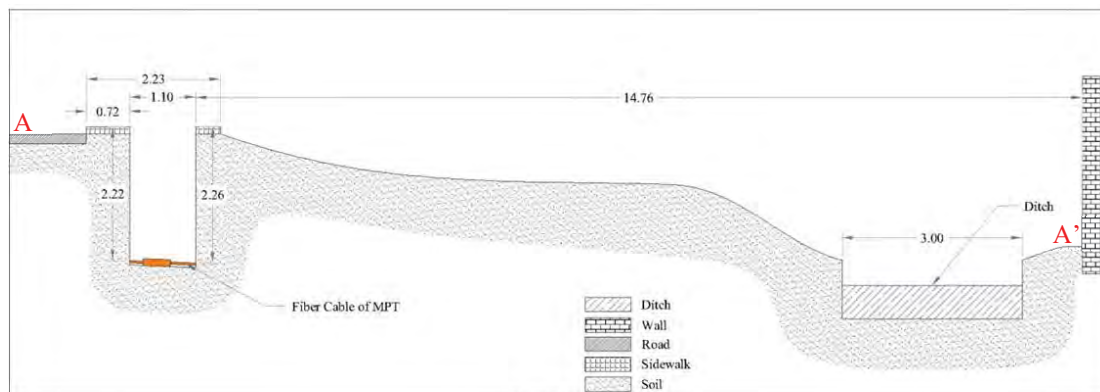
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

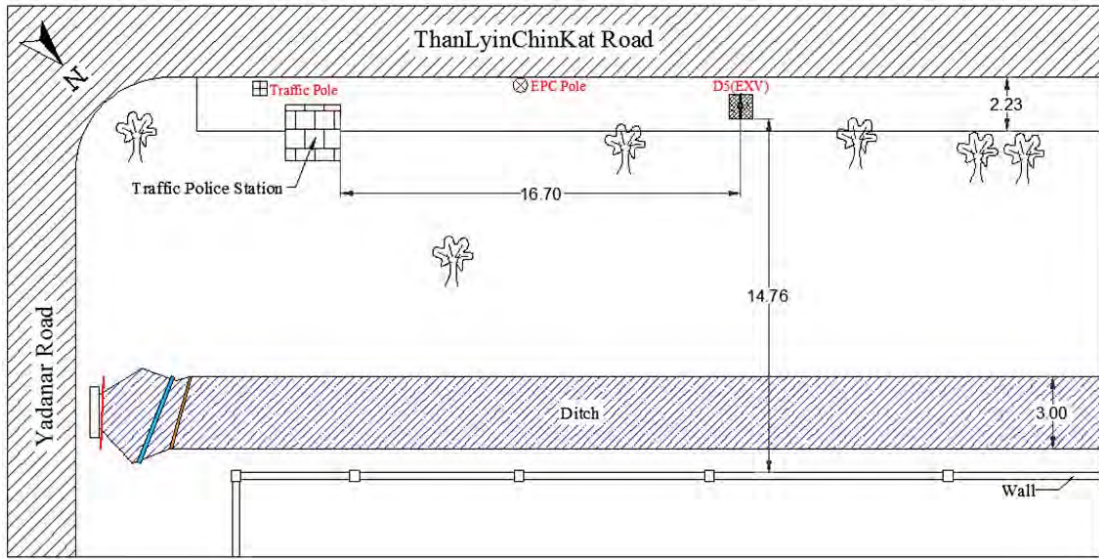


### 3. Cross Section



Cross Section

4. Plan View



5. Photos of D5(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D8(EXV)

### 1. Summary of Location

The location of D8(EXV) pit is located at the following coordinate and the corner of Thanlyin approach road and Nawaratpat road in the Tharkayta Township.

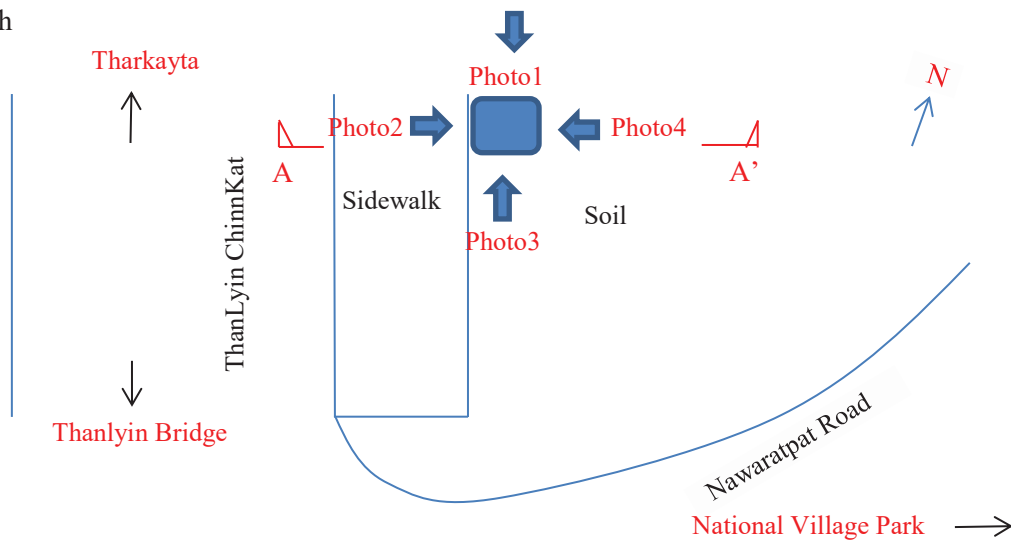
- Latitude 16° 48' 4.6872" N
- Longitude 96° 13' 31.9476" E



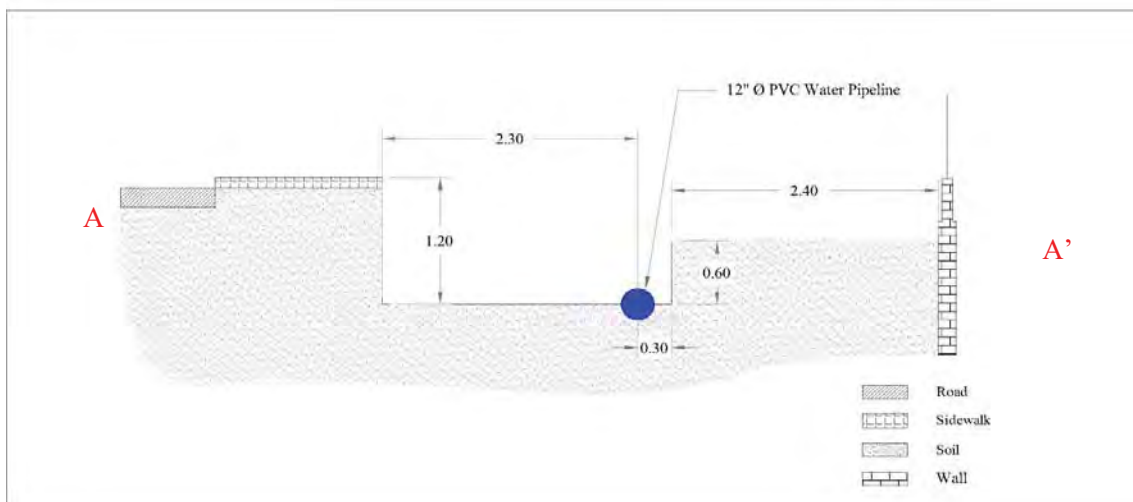
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

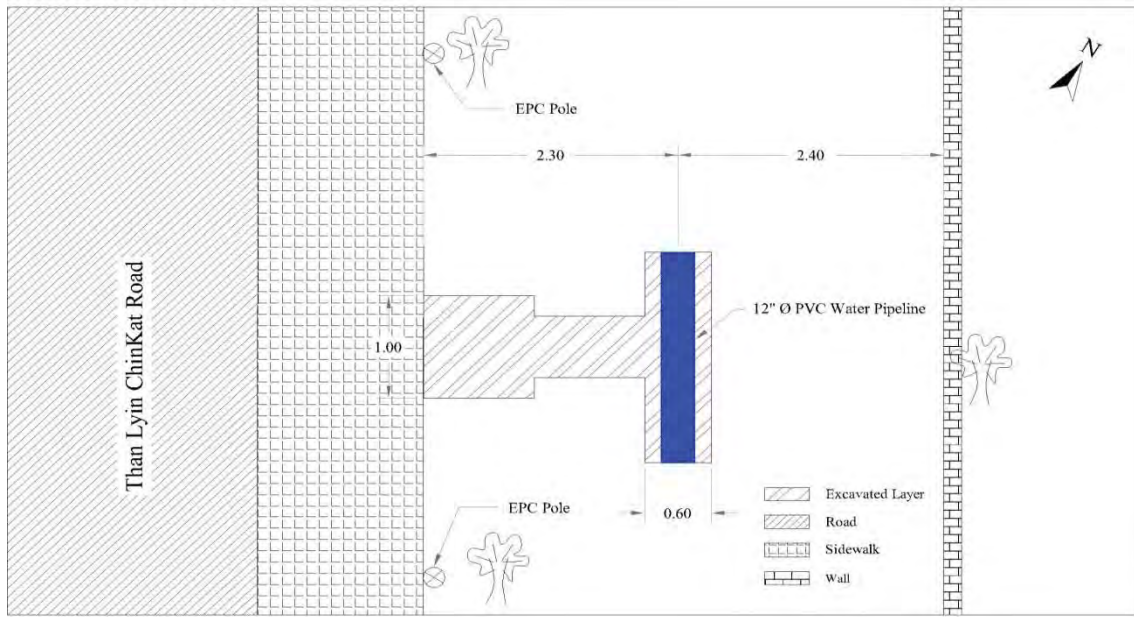


### 3. Cross Section





4. Plan View



5. Photos of D8(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D9(EXV)

### 1. Summary of Location

The location of D9(EXV) pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Nawaratpat road in the Tharkayta Township.

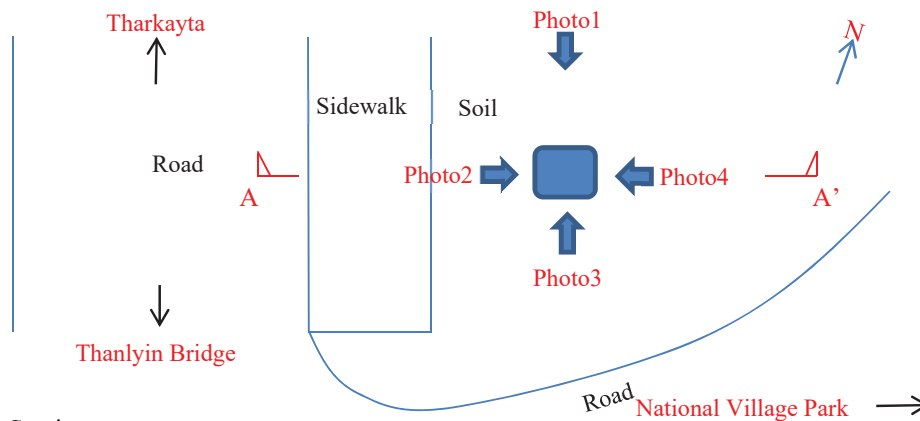
- Latitude 16° 48' 4.2553" N
- Longitude 96° 13' 32.3259" E



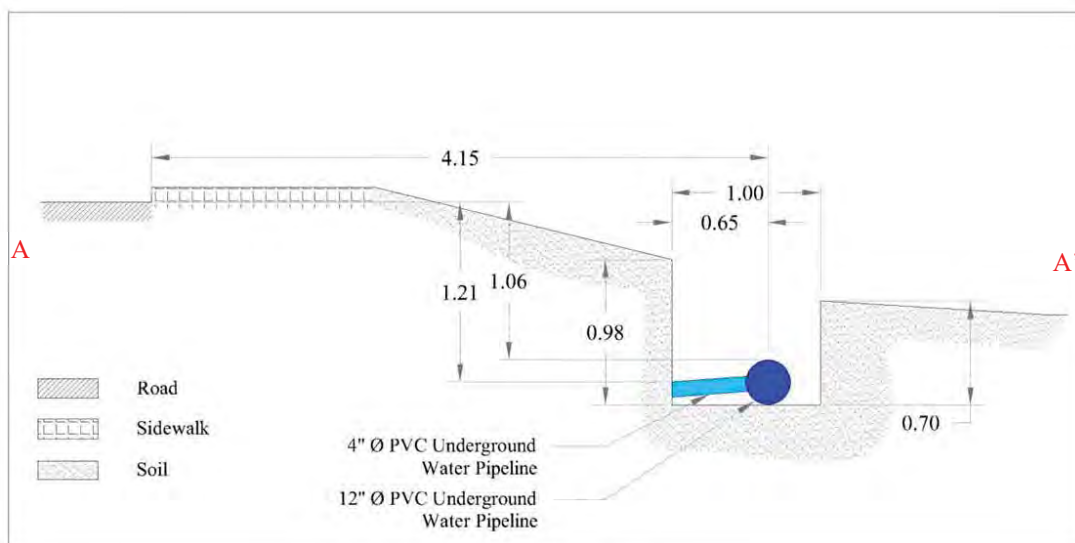
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

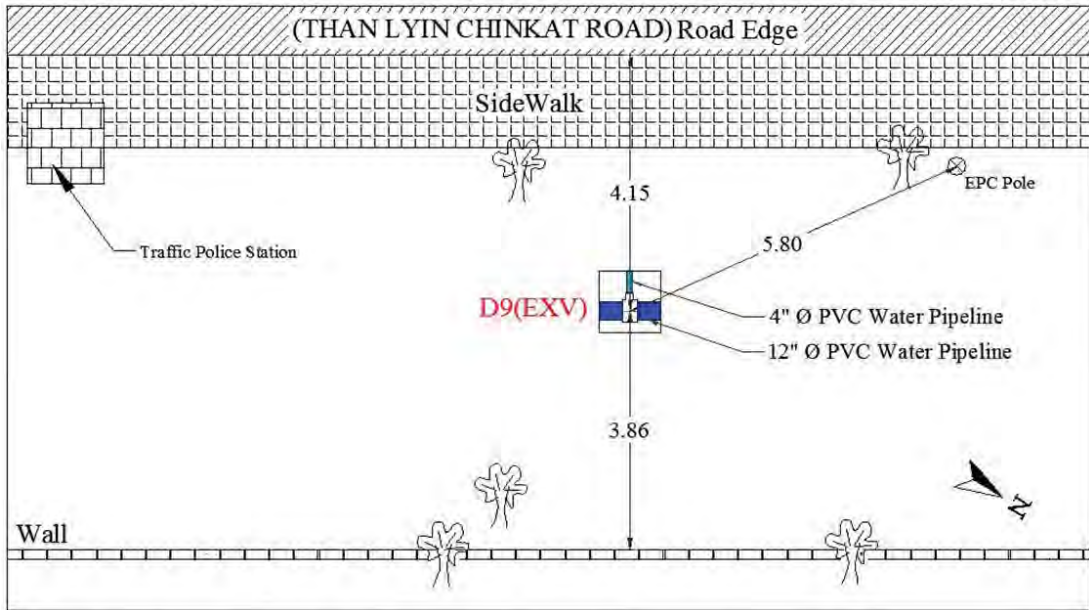


### 3. Cross Section



Cross Section

4. Plan View



5. Photos of D9(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D9(EXV)\_Ext-1

### 1. Summary of Location

The location of D9(EXV)\_Ext-1 pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Nawaratpat road in the Tharkayta Township. This extra pit is near the D9(EXV).

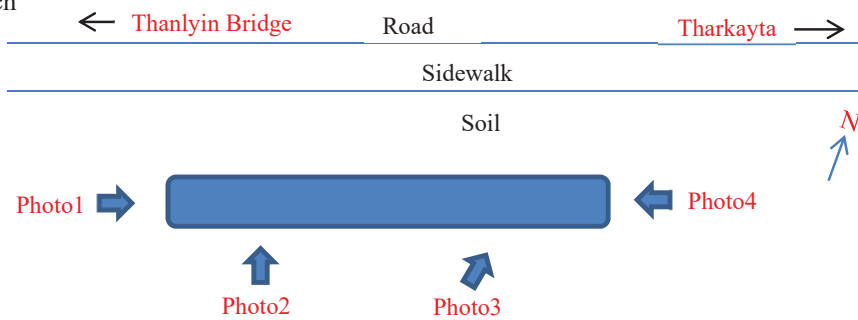
- Latitude 16° 48' 4.2553" N
- Longitude 96° 13' 32.3259" E



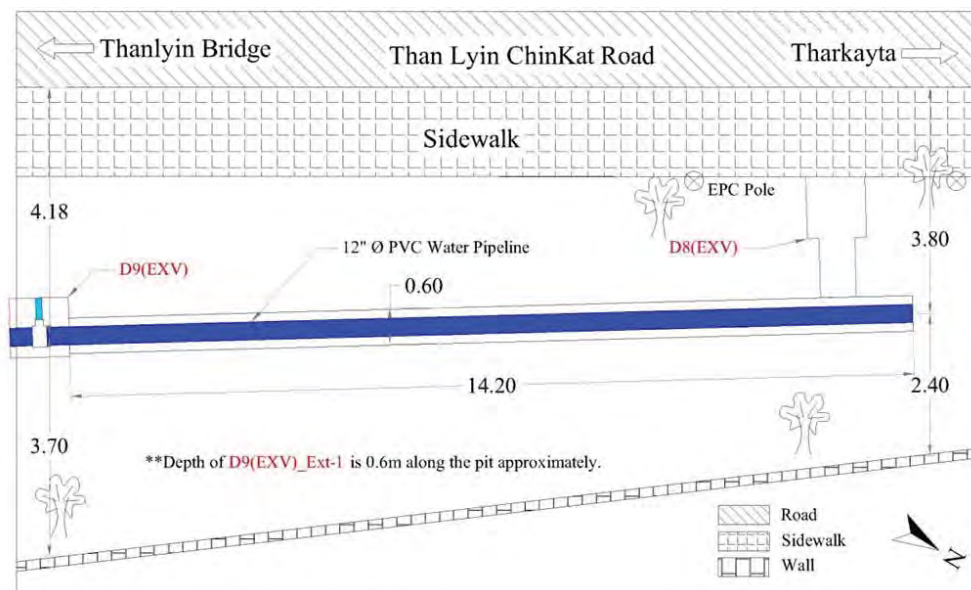
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



5. Photos of D9(EXV)\_Ext-1



Photo 1



Photo 2



Photo 3



Photo 4

Remark\*

\*This D9(EXV)\_Ext-1 is the extra pit for to find the joint of 12" and 4" Ø PVC Water Pipeline D9(EXV).

## Survey Sheet of D9(EXV)\_Ext-2

### 1. Summary of Location

The location of D9(EXV)\_Ext-2 pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Nawaratpat road in the Tharkayta Township. This extra pit is near the D9(EXV).

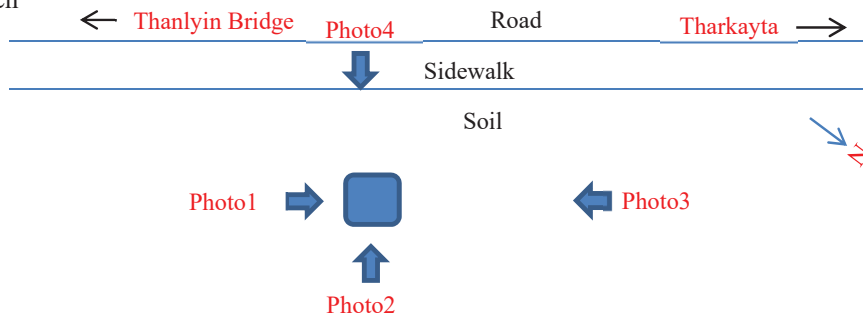
- Latitude 16° 48' 4.2553" N
- Longitude 96° 13' 32.3259" E



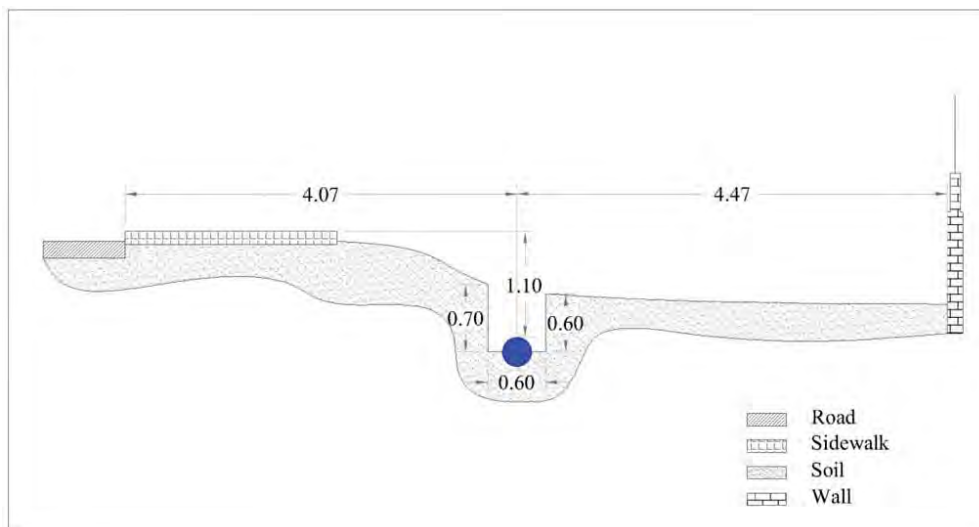
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

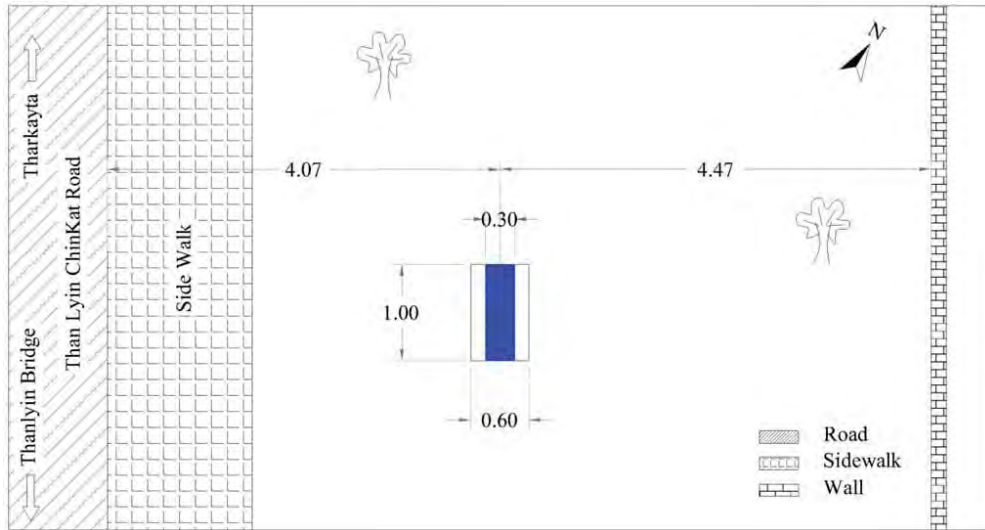
### 2. Sketch



### 3. Cross Section



3. Plan View



5. Photos of D9(EXV)\_Ext-2



Photo 1



Photo 2



Photo 3



Photo 4

Remark\*

\*This D9(EXV)\_Ext-2 is the extra pit for to find the joint of 12" and 4" Ø PVC Water Pipeline D9(EXV) .

## Survey Sheet of D9(EXV)\_Ext-3

### 1. Summary of Location

The location of D9(EXV)\_Ext-3 pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Nawaratpat road in the Tharkayta Township. This extra pit is near the D9(EXV).

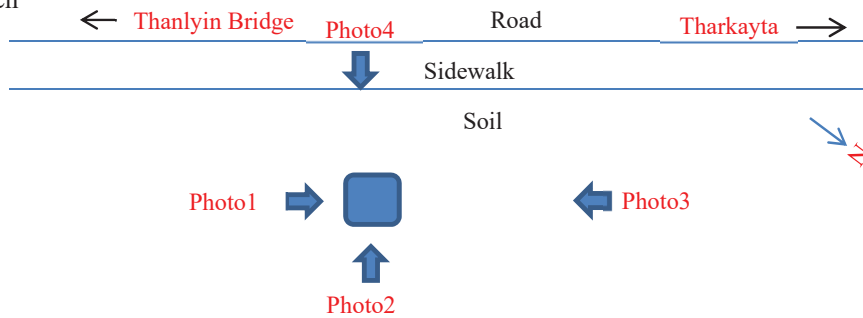
- Latitude 16° 48' 4.2553" N
- Longitude 96° 13' 32.3259" E



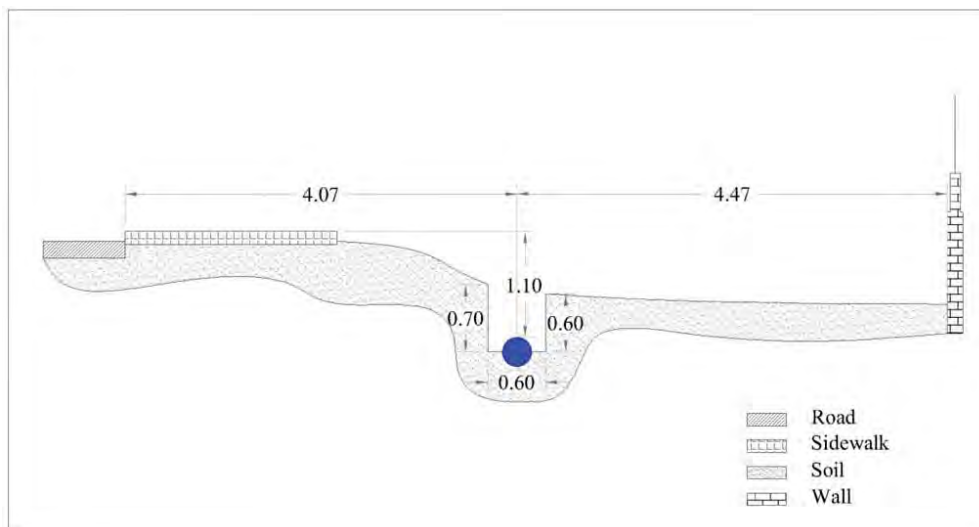
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

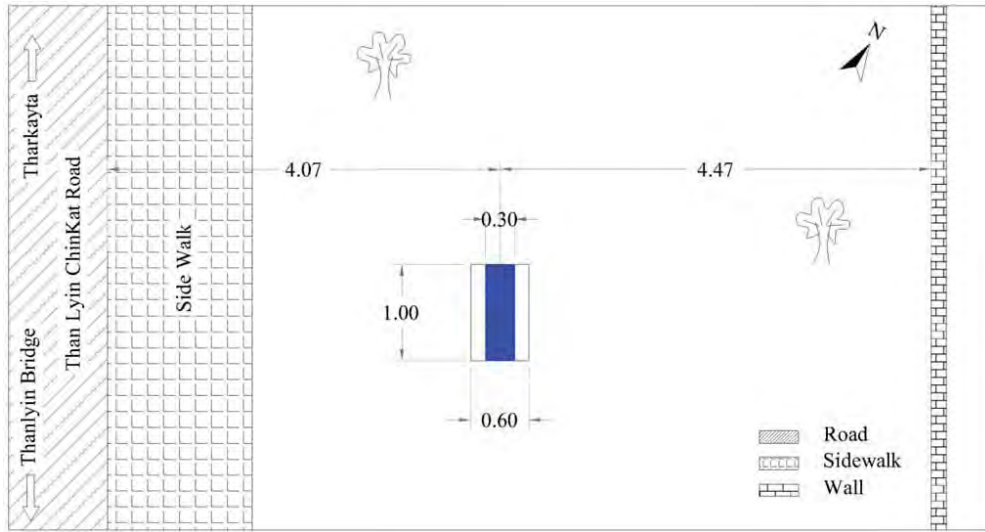


### 3. Cross Section





3. Plan View



5. Photos of D9(EXV)\_Ext-3



Photo 1



Photo 2



Photo 3



Photo 4

Remark\*

\*This D9(EXV)\_Ext-3 is the extra pit for to find the joint of 12" and 4" Ø PVC Water Pipeline D9(EXV).

## Survey Sheet of D10(EXV)

### 1. Summary of Location

The location of D10(EXV) pit is located at the following coordinate and the corner of Thanlyin Bridge approach road and Nawaratpat road in the Tharkayta Township.

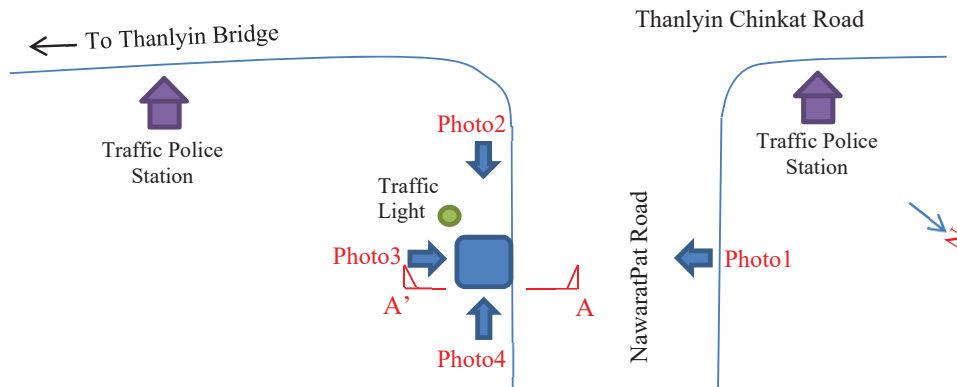
- Latitude 16° 48' 3.2294" N
- Longitude 96° 13' 32.9967" E



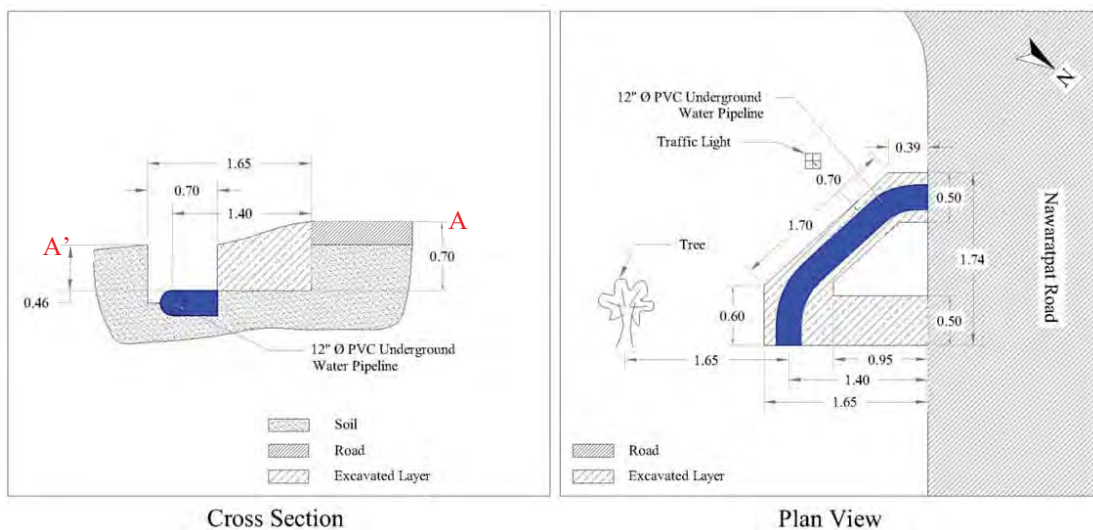
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Cross Section



4. Photos of D10(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D16(EXV)

### 1. Summary of Location

The location of D16(EXV) pit is located at the following coordinate and beside of the Thanlyin Bridge in the Thanlyin Township.

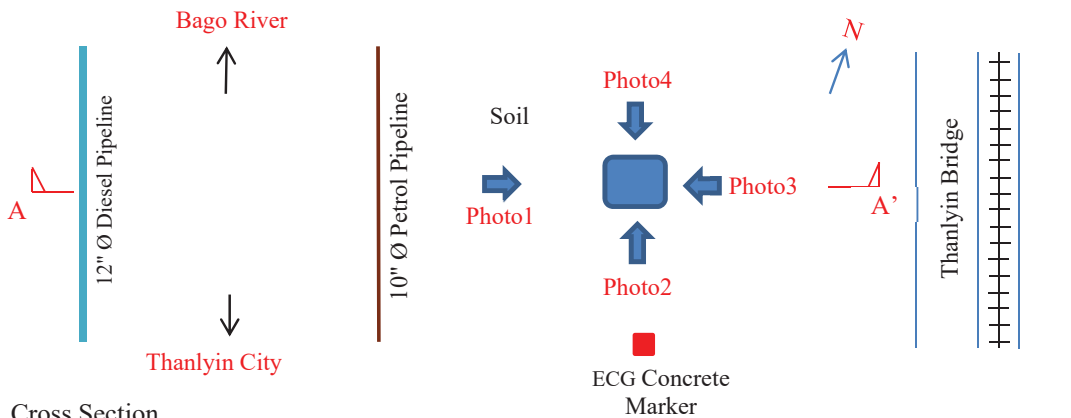
- Latitude 16° 46' 57.3031" N
- Longitude 96° 14' 16.1874" E



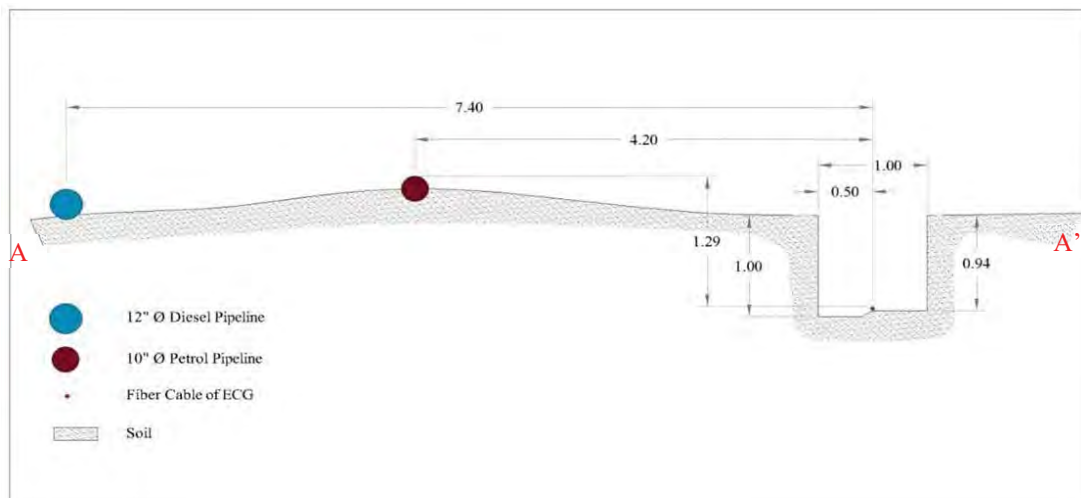
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

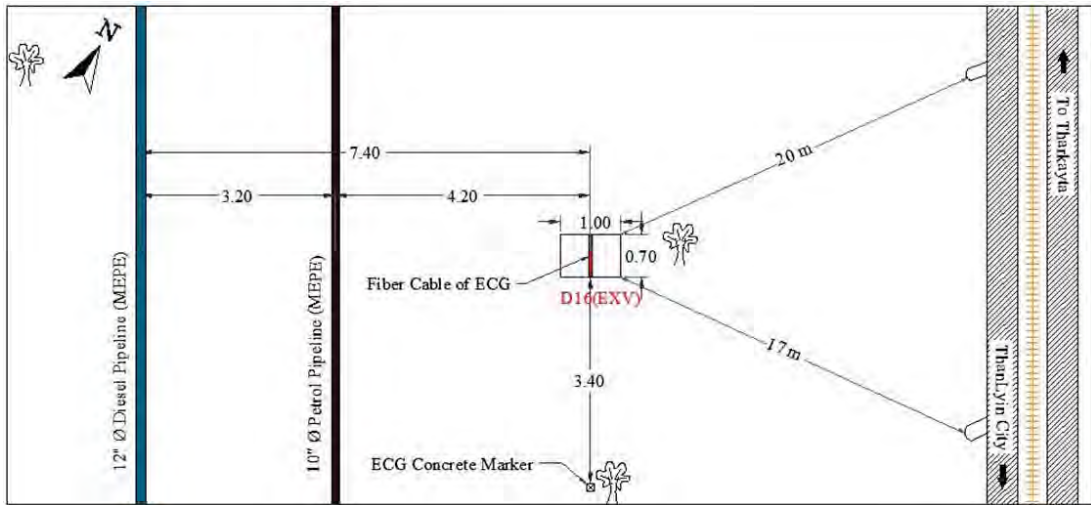


### 3. Cross Section



Cross Section

4. Plan View



5. Photos of D16(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D20(EXV)

### 1. Summary of Location

The location of D20(EXV) pit is located at the following coordinate and beside of the Thanlyin approach road in the Thanlyin Township.

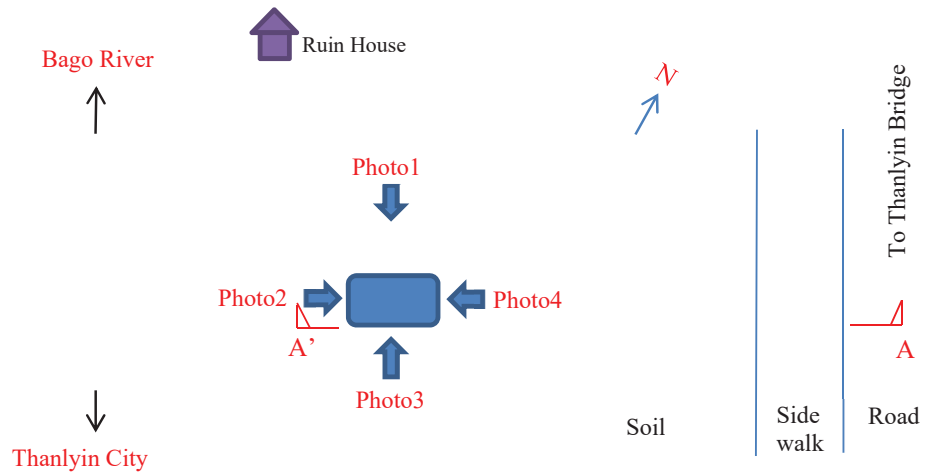
- Latitude 16° 46' 48.0338" N
- Longitude 96° 14' 21.3304" E



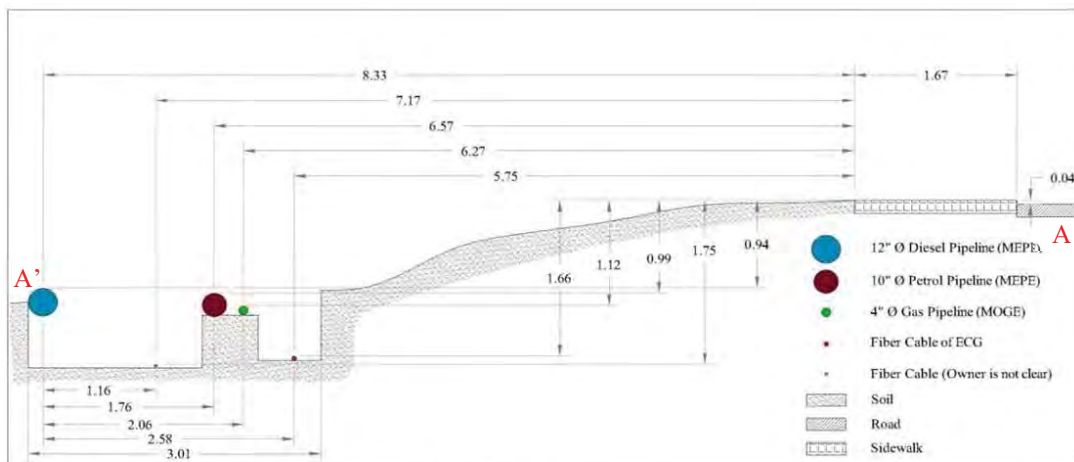
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch

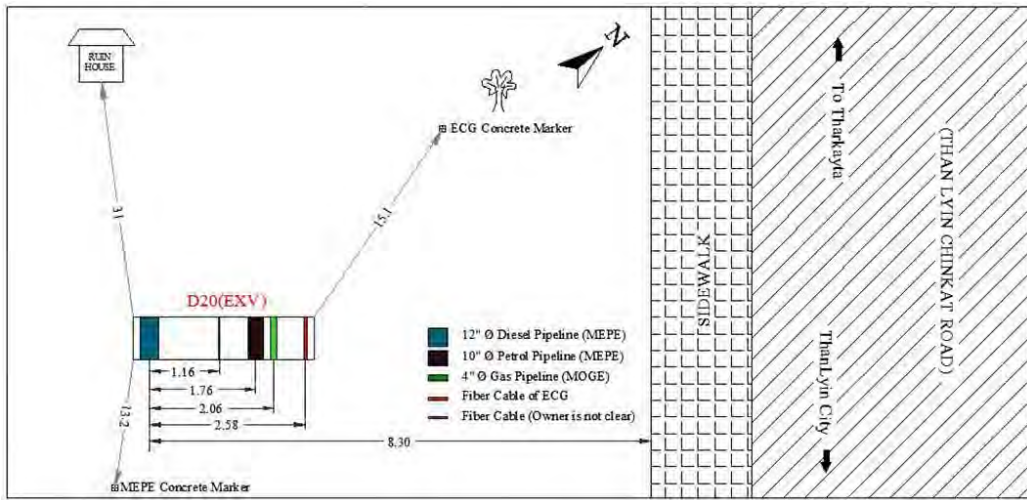


### 3. Cross Section



Cross Section

4. Plan View



5. Photos of D20(EXV)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D2(CLR)

### 1. Summary of Location

The location of D2(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Thalawadi road in the Tharkayta Township.

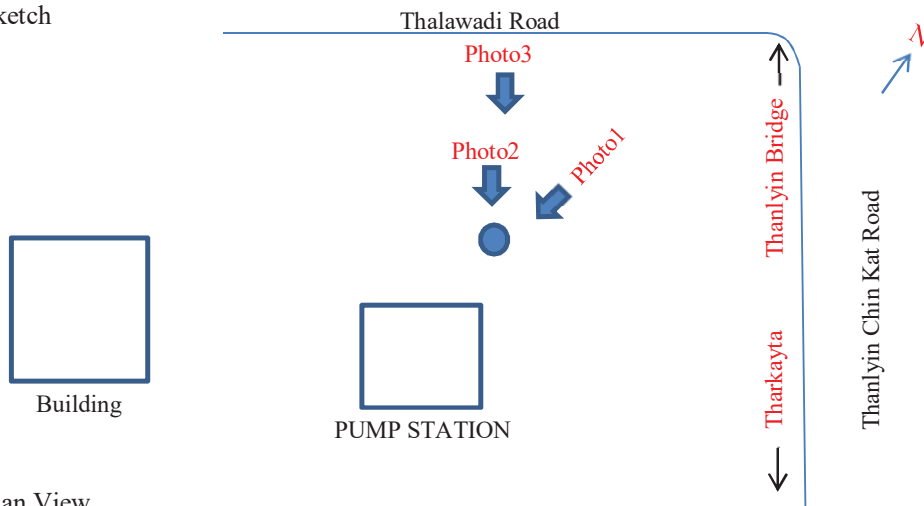
- Latitude 16° 48' 17.3808" N
- Longitude 96° 13' 14.3940" E



\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





4. Photos of D2(CLR)



Photo 2



Photo 1



Photo 3

## Survey Sheet of D3(CLR)

### 1. Summary of Location

The location of D3(CLR) point is located at the following coordinate and the between of the Thanlyin approach road and Myanandar Hotel in the Tharkayta Township.

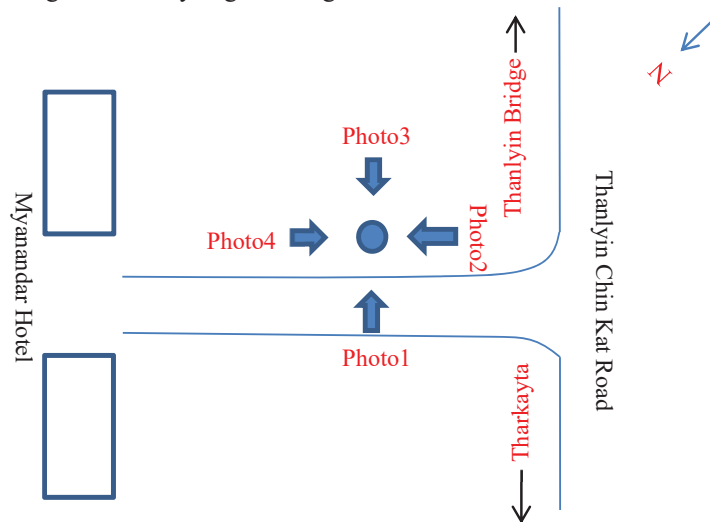
- Latitude 16° 48' 12.7402" N
- Longitude 96° 13' 23.0943" E



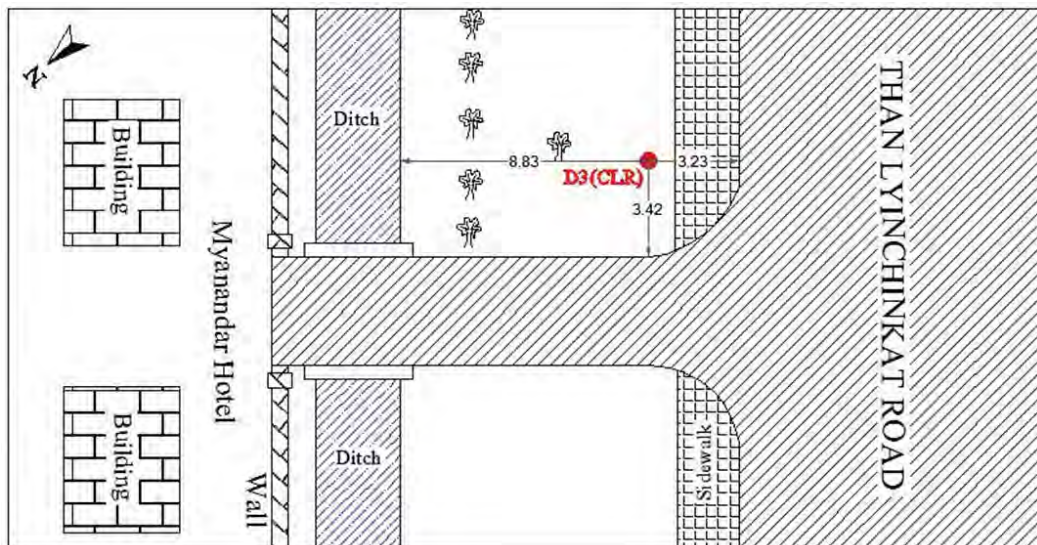
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D3(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D4(CLR)

### 1. Summary of Location

The location of D4(CLR) point is located at the following coordinate and the Beside of Thanlyin approach road in the Tharkayta Township.

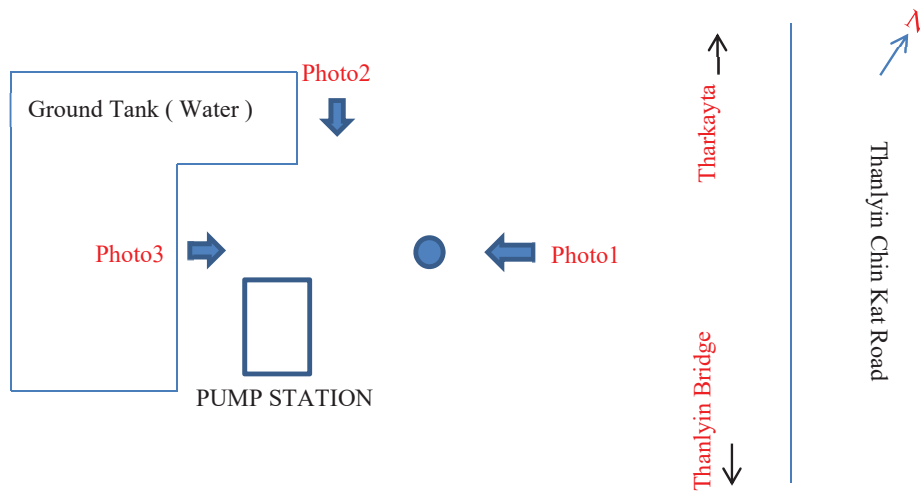
- Latitude 16° 48' 11.9772" N
- Longitude 96° 13' 22.4220" E



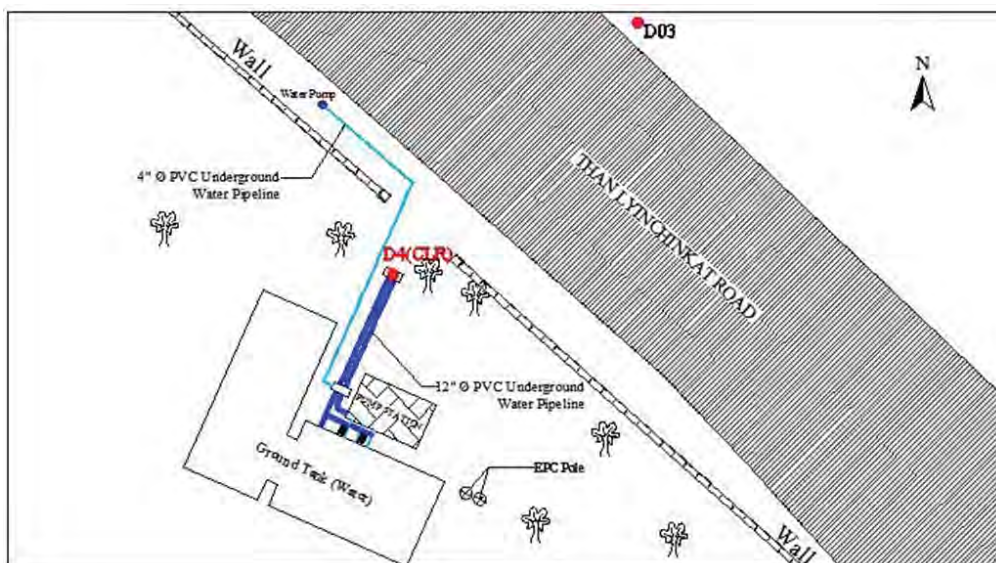
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D-4(CLR)



Photo 1



Photo 2



Photo 3

## Survey Sheet of D6(CLR)

### 1. Summary of Location

The location of D6(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Yadanar road in the Tharkayta Township.

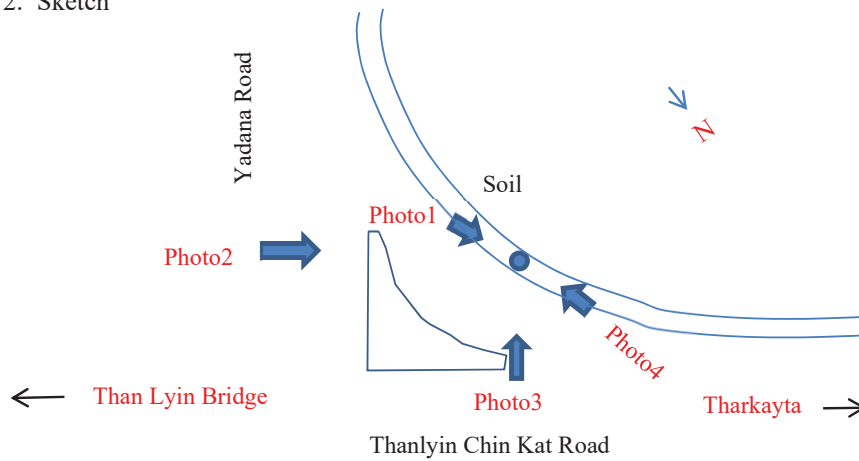
- Latitude 16° 48' 10.7389" N
- Longitude 96° 13' 23.9640" E



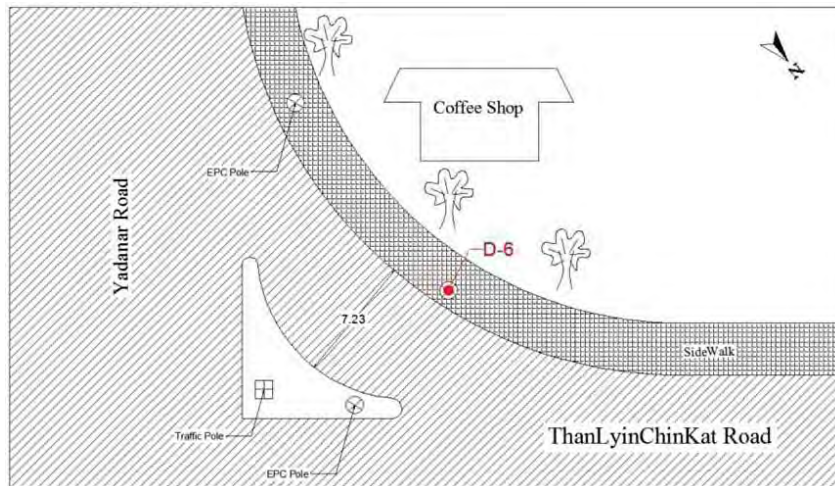
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D-6(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D7(CLR)

### 1. Summary of Location

The location of D7(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Yadanar road in the Tharkayta Township.

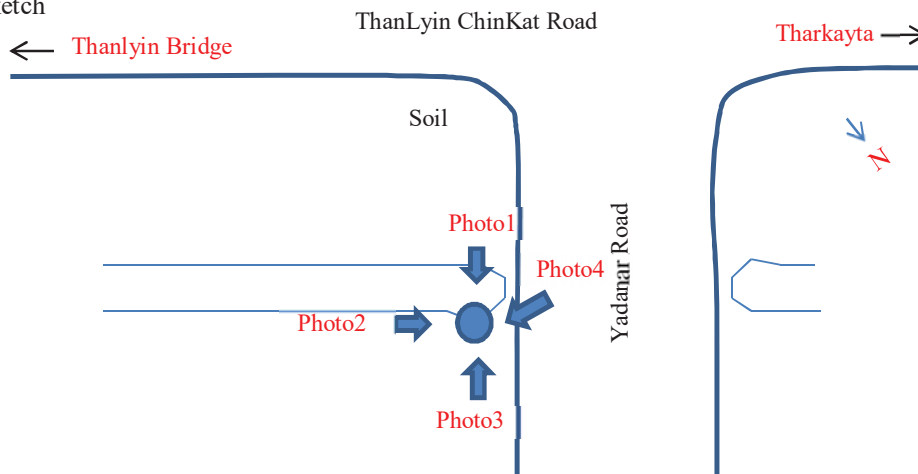
- Latitude 16° 48' 11.0160" N
- Longitude 96° 13' 25.7376" E



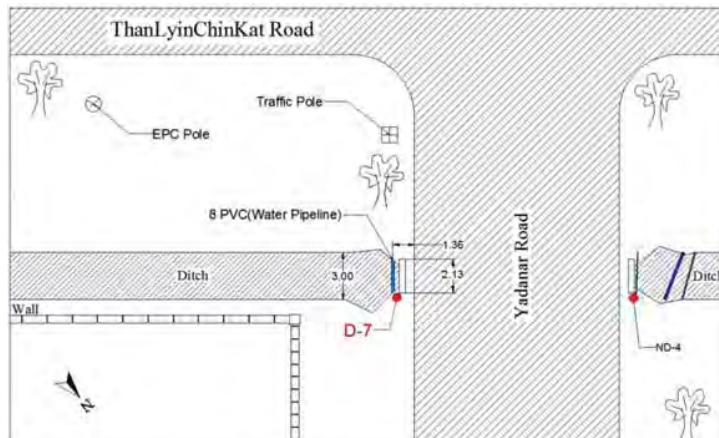
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





4. Photos of D7(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D11(CLR)

### 1. Summary of Location

The location of D11(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Shukhinthar Myopat road in the Tharkayta Township.

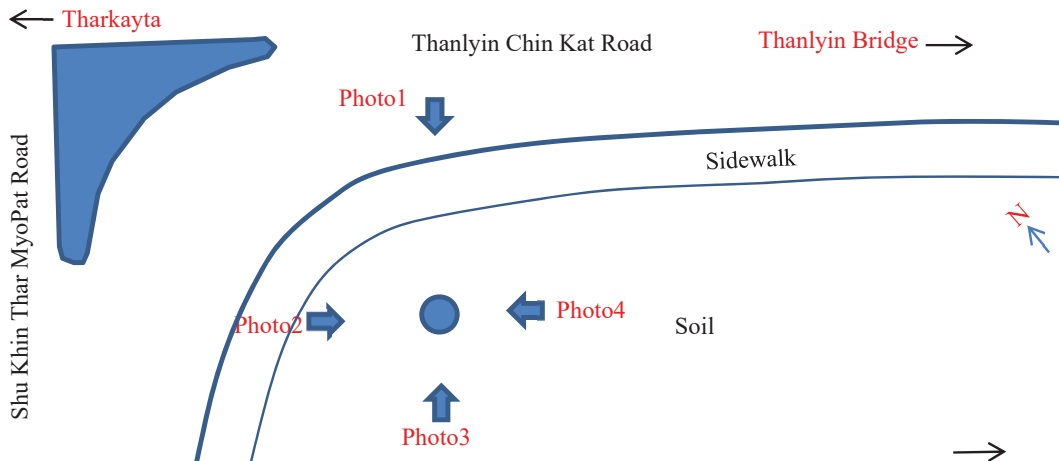
- Latitude 16° 48' 1.8324" N
- Longitude 96° 13' 32.3472" E



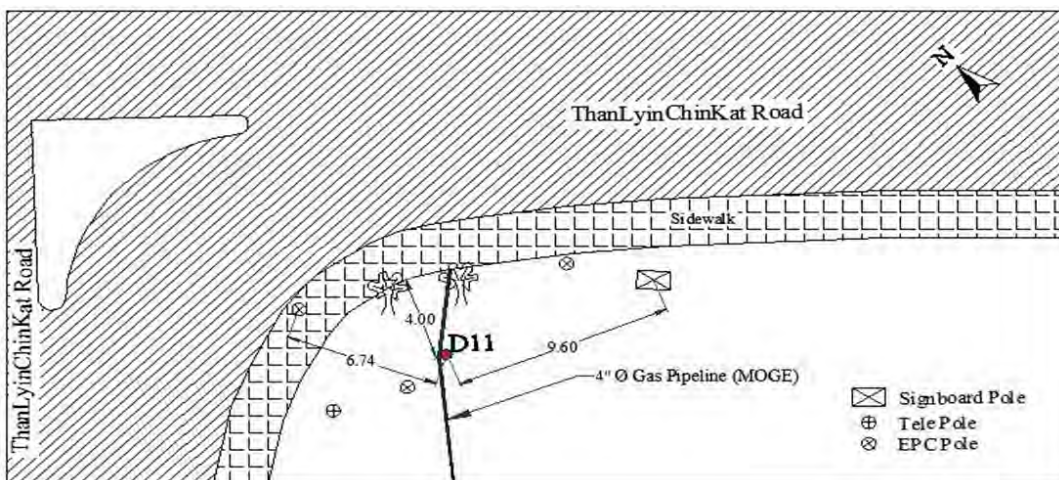
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D11(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D12(CLR)

### 1. Summary of Location

The location of D12(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Shukhinthar Myopat road in the Tharkayta Township.

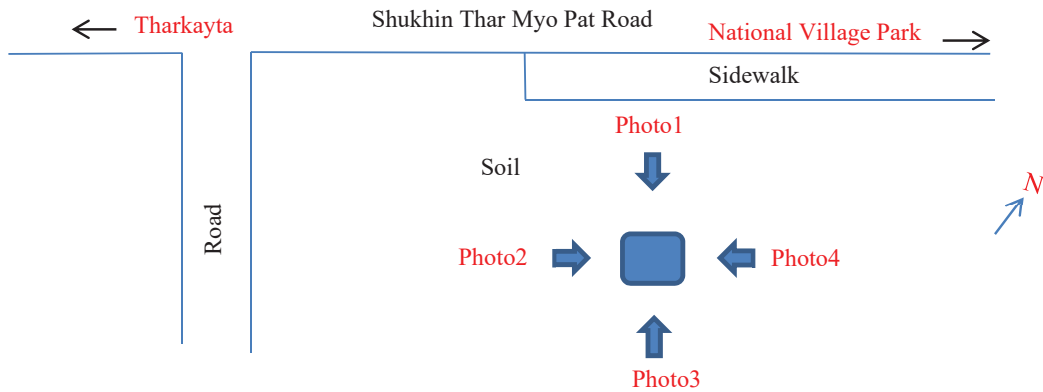
- Latitude 16° 48' 0.8424" N
- Longitude 96° 13' 31.4004" E



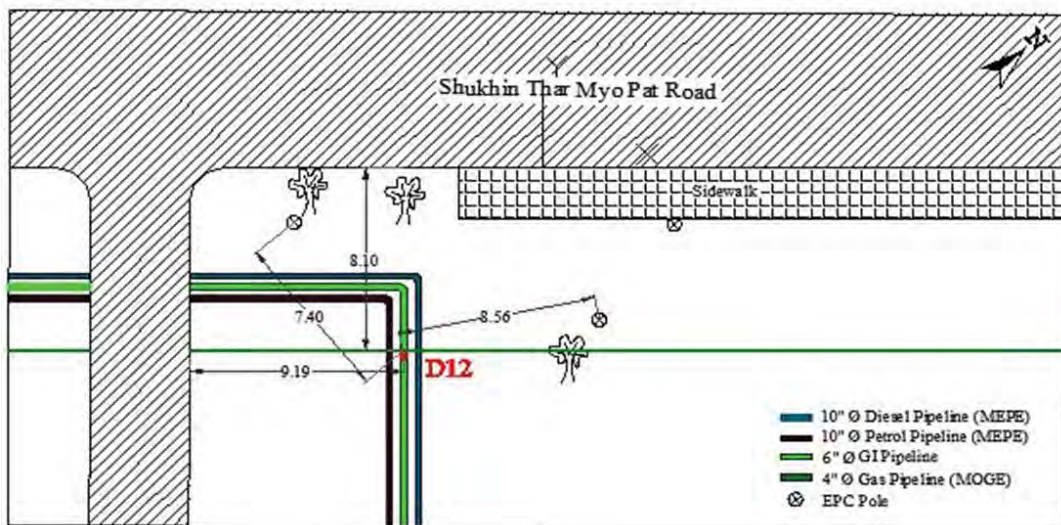
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D12(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of D13(CLR)

### 1. Summary of Location

The location of D13(CLR) point is located at the following coordinate and the beside of Shukhinthar Myopat road road in the Tharkayta Township.

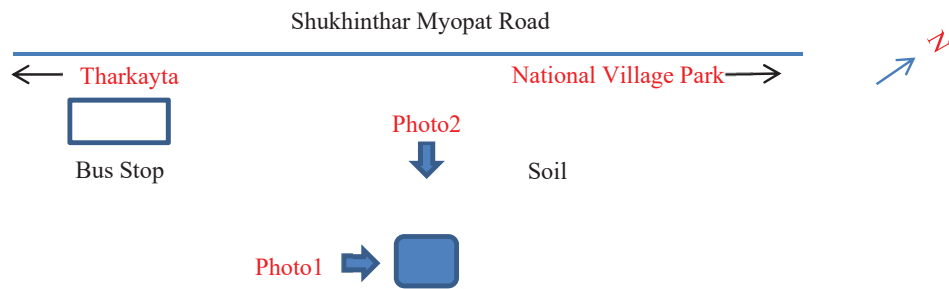
- Latitude 16° 47' 58.3692" N
- Longitude 96° 13' 29.1756" E



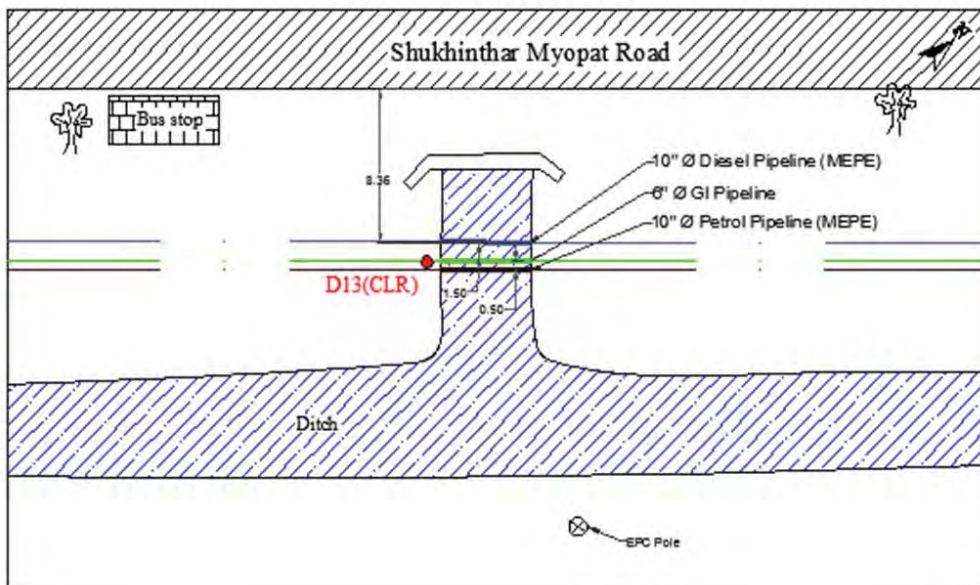
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



5. Photos of D13(CLR)



Photo 1



Photo 2

## Survey Sheet of D14(CLR)

### 1. Summary of Location

The location of D14(CLR) point is located at the following coordinate and the corner of Thanlyin approach road and Star City entry road in the Thanlyin Township.

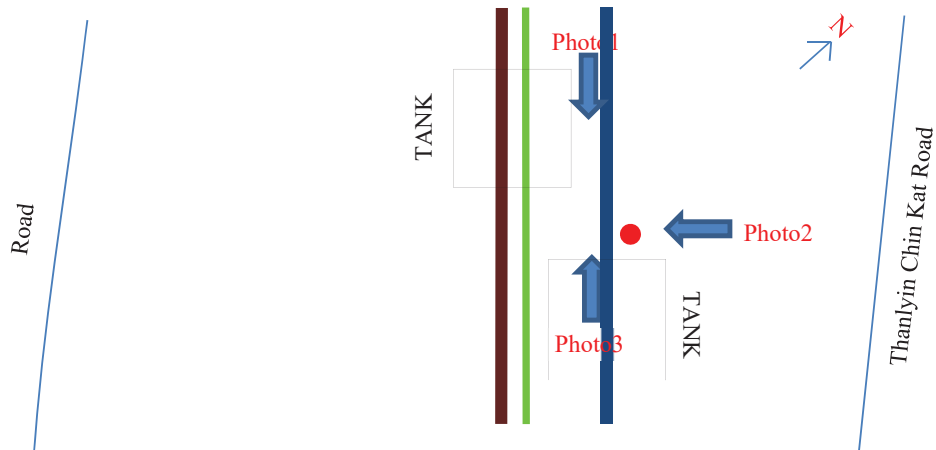
- Latitude 16° 48' 0.2232" N
- Longitude 96° 13' 32.4696" E



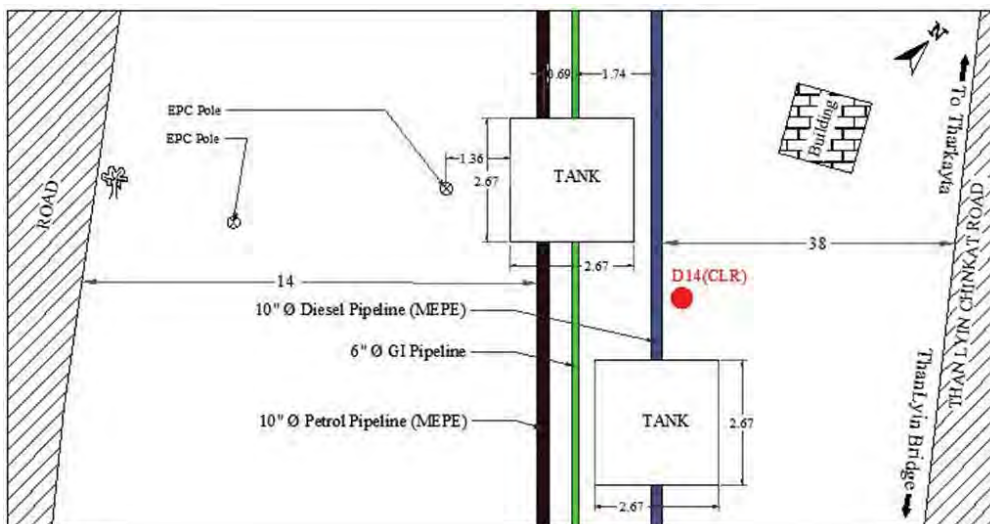
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





4. Photos of D14(CLR)



Photo 1



Photo2



Photo3

## Survey Sheet of D15 (CLR)

### 1. Summary of Location

The location of D15(CLR) point is located at the following coordinate and the beside of Thanlyin approach road in the Tharkayta Township.

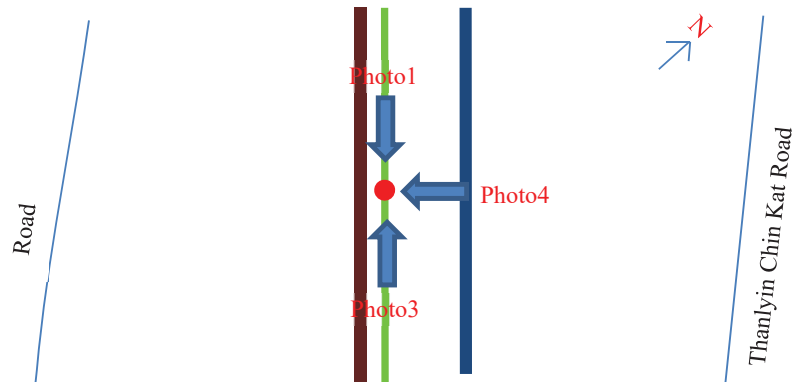
- Latitude 16° 47' 58.9848" N
- Longitude 96° 13' 33.9528" E



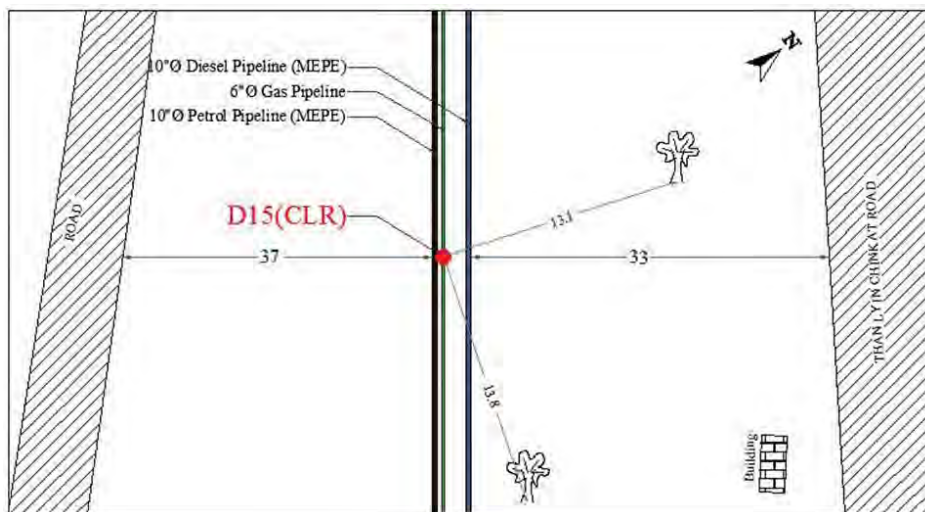
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D15(CLR)



Photo 1



Photo 2



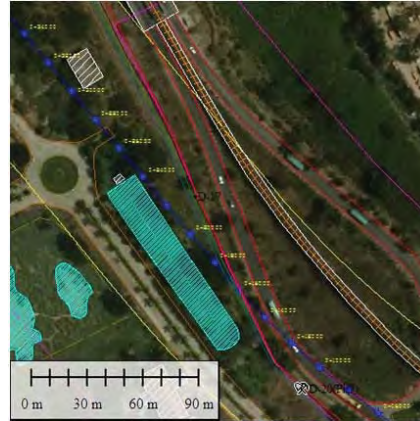
Photo 3

## Survey Sheet of D17(CLR)

### 1. Summary of Location

The location of D17(CLR) point is located at the following coordinate and beside of the Thanlyin Bridge approach road in the Thanlyin Township.

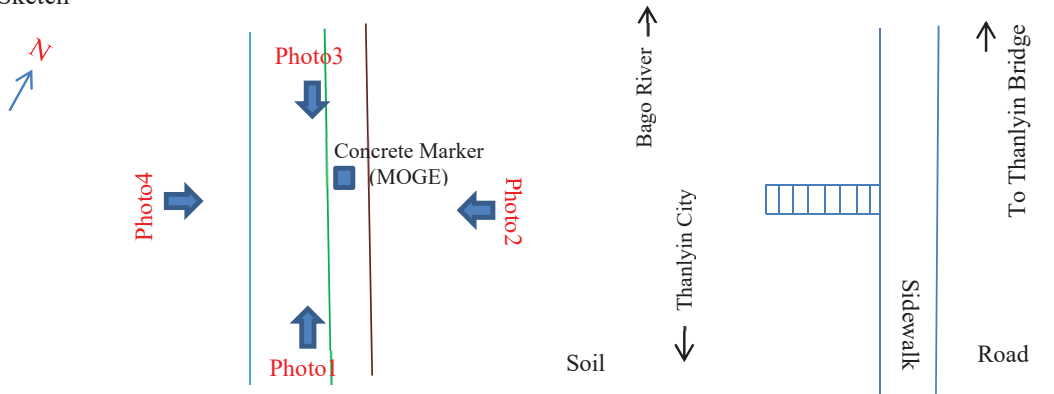
- Latitude 16° 46' 51.3702" N
- Longitude 96° 14' 19.2677" E



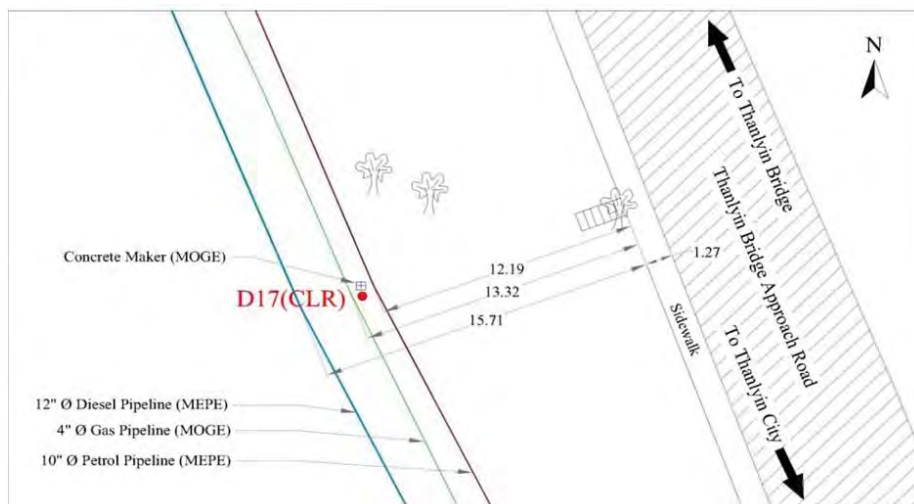
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D-17



Photo 1



Photo 2



Photo 3

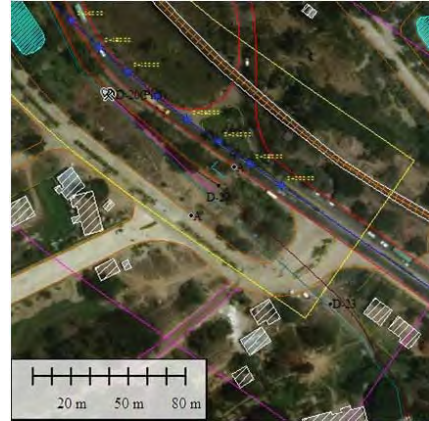


Photo 4

## Survey Sheet of D22(CLR)

### 1. Summary of Location

The location of D22(CLR) point is located at the following coordinate and beside of the Thanlyin Bridge approach road in the Thanlyin Township. There have six pipeline and distance between of A and A' coordinates.

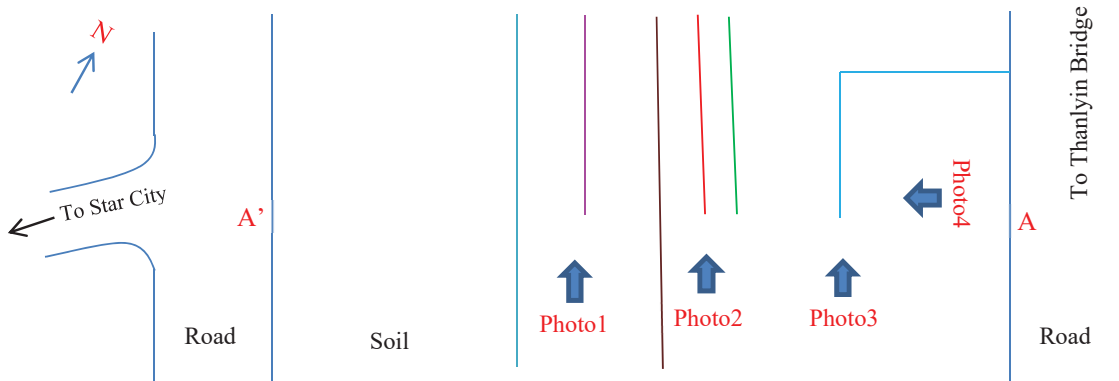


D-22	-Latitude	16° 46' 46.5024" N
	-Longitude	96° 14' 23.2080" E
A	-Latitude	16° 46' 46.8229" N
	-Longitude	96° 14' 23.4985" E
A'	-Latitude	16° 46' 45.9762" N
	-Longitude	96° 14' 22.7531" E

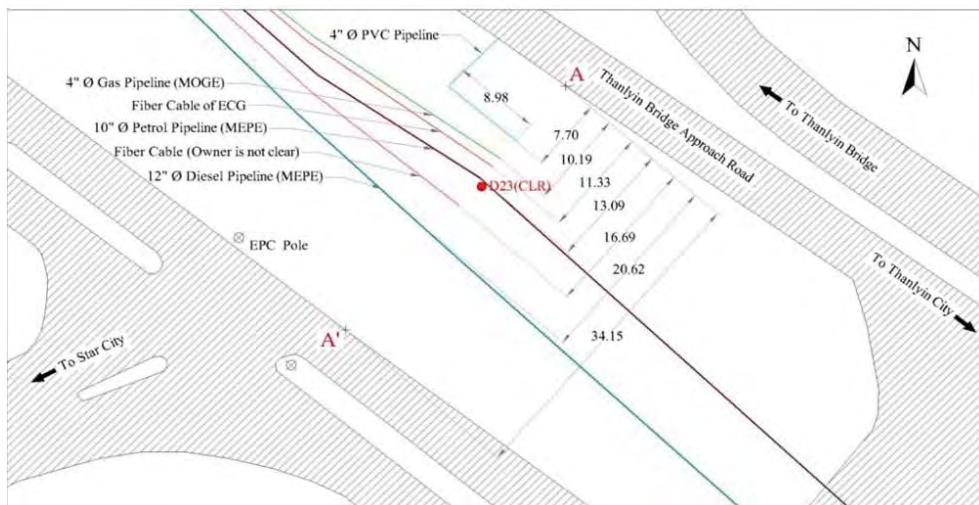
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of D22(CLR)



Photo 1



Photo 2



Photo 3



Photo 4



## Survey Sheet of D23(CLR)

### 1. Summary of Location

The location of D23(CLR) point is located at the following coordinate and corner of the Thanlyin approach road and Star City entry road in the Thanlyin Township.

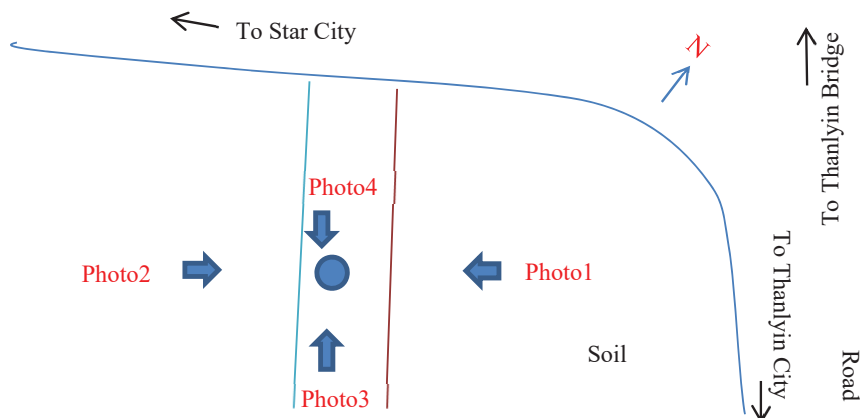
- Latitude 16° 46' 44.5247" N
- Longitude 96° 14' 25.2917" E



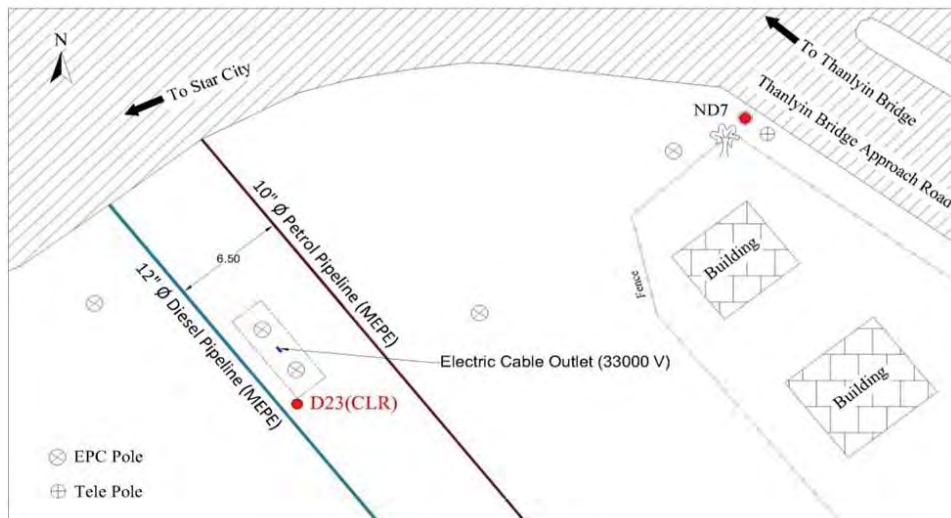
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





5. Photos of D23(CLR)



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of ND1

### 1. Summary of Location

The location of ND1 point is located at the following coordinate and the Corner of the Thanlyin approach road and Thalawadi road in the Tharkayta Township.

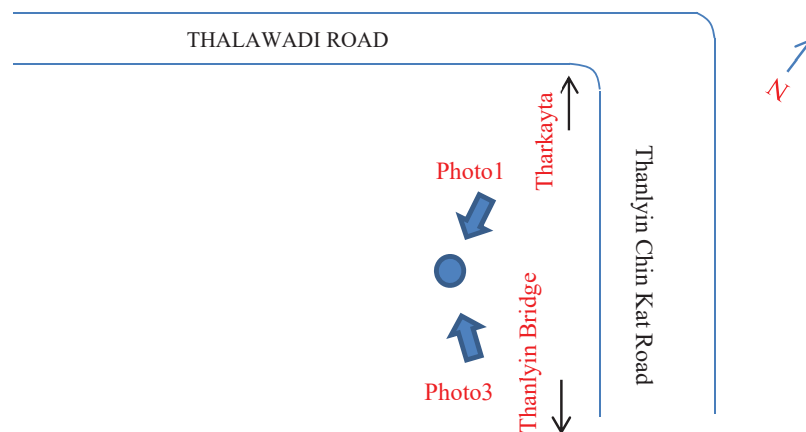
- Latitude 16° 48' 17.9172" N
- Longitude 96° 13' 15.2904" E



\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND1



Photo 1



Photo 2

## Survey Sheet of ND2

### 1. Summary of Location

The location of ND2 pit is located at the following coordinate and the Between of the Thanlyin approach road and MyaNandar Housing(2) in the Tharkayta Township.

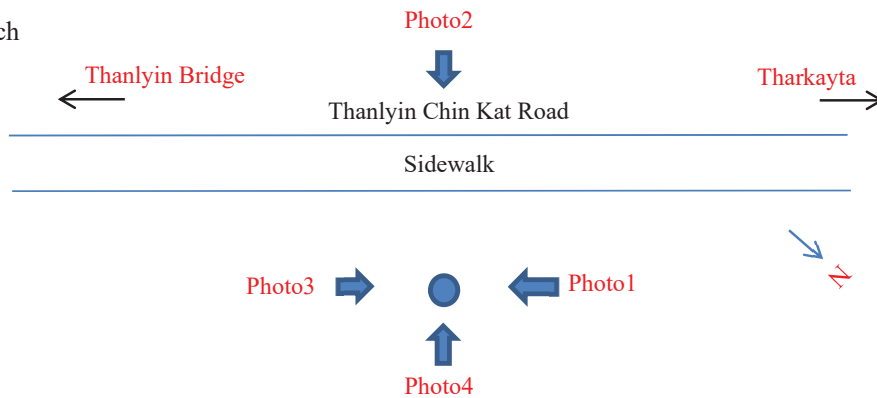
- Latitude 16° 48' 17.3462" N
- Longitude 96° 13' 17.2221" E



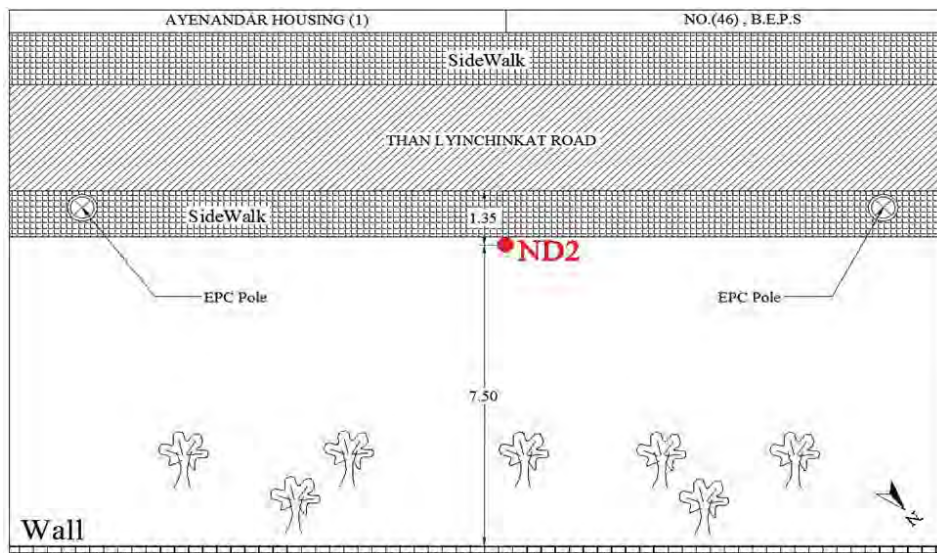
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND2



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of ND3

### 1. Summary of Location

The location of ND3 point is located at the following coordinate and the corner of Thanlyin approach road and Yadanar road in the Tharkayta Township.

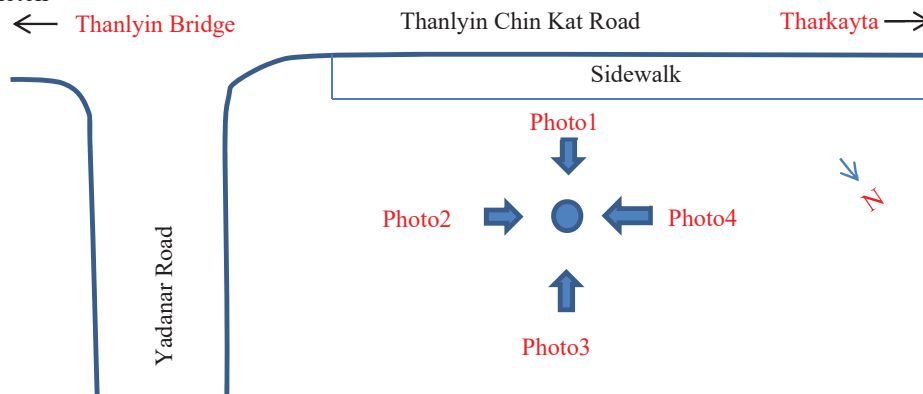
- Latitude 16° 48' 11.3821" N
- Longitude 96° 13' 24.5487" E



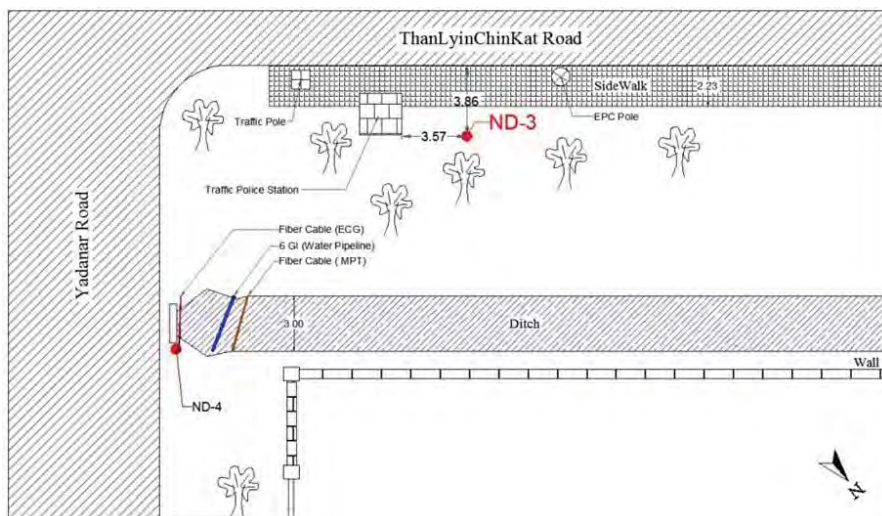
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND3



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of ND4

### 1. Summary of Location

The location of ND4 point is located at the following coordinate and the corner of Thanlyin approach road and Yadanar road in the Tharkayta Township.

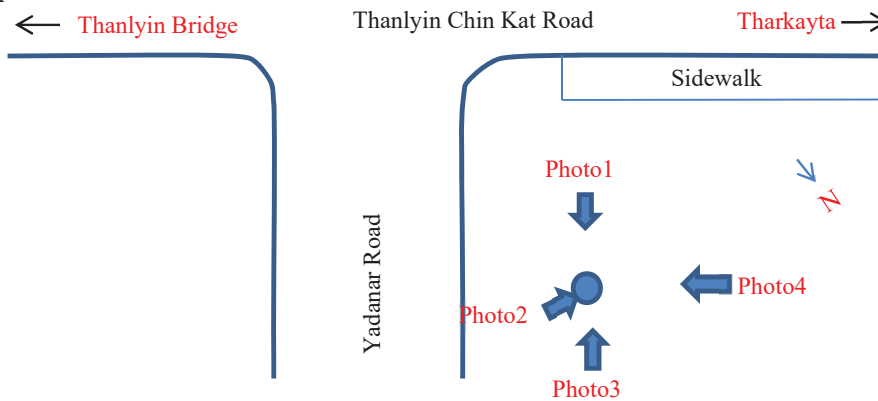
- Latitude 16° 48' 11.3544" N
- Longitude 96° 13' 25.2192" E



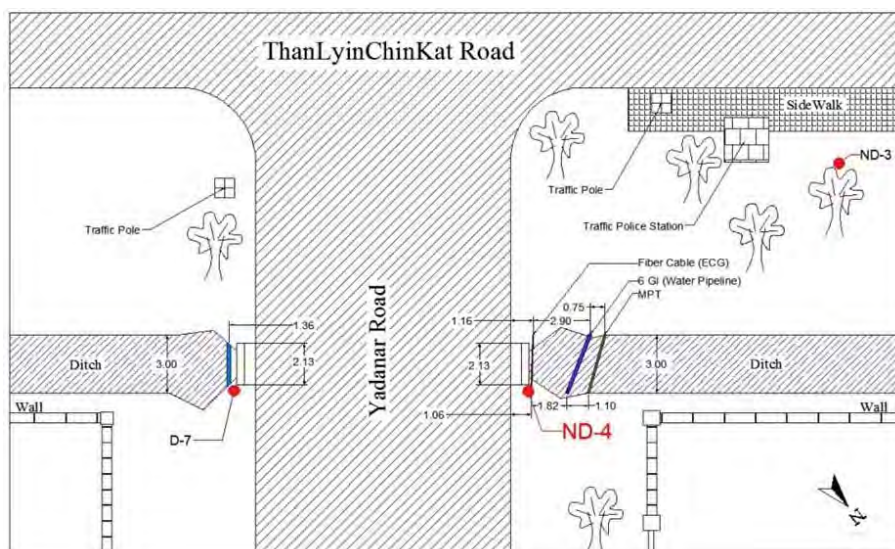
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





4. Photos of ND4



Photo 1



Photo 2



Photo 3



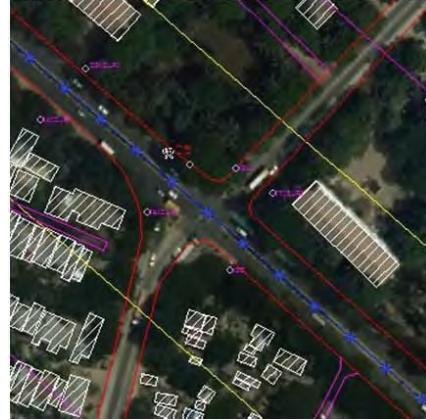
Photo 4

## Survey Sheet of ND5

### 1. Summary of Location

The location of ND5 point is located at the following coordinate and the corner of Thanlyin approach road and Yadanar road in the Tharkayta Township.

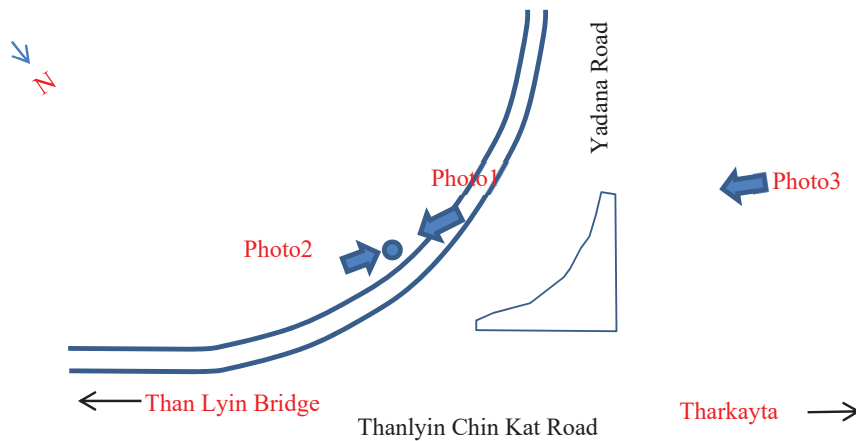
- Latitude 16° 48' 9.9546" N
- Longitude 96° 13' 25.1512" E



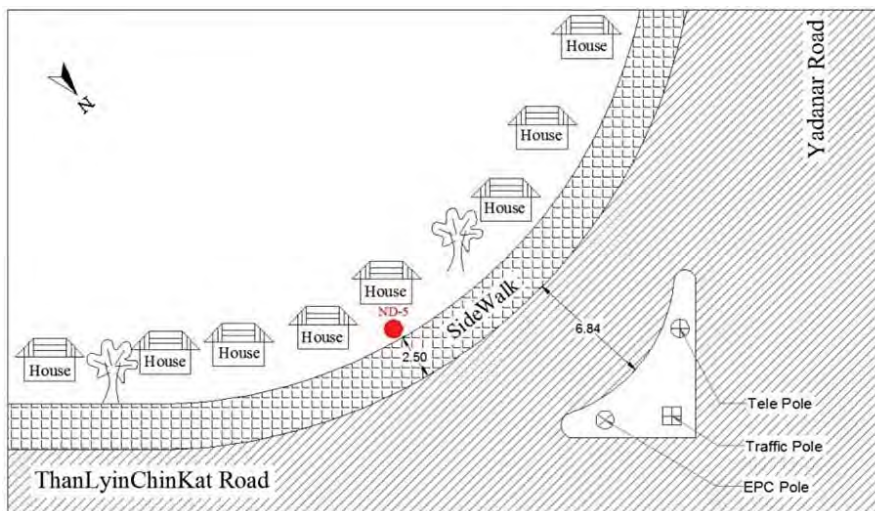
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND5



Photo 1



Photo 2



Photo 3

## Survey Sheet of ND6

### 1. Summary of Location

The location of ND6 point is located at the following coordinate and the corner of Thanlyin approach road and Nawarat Pat road in the Tharkayta Township.

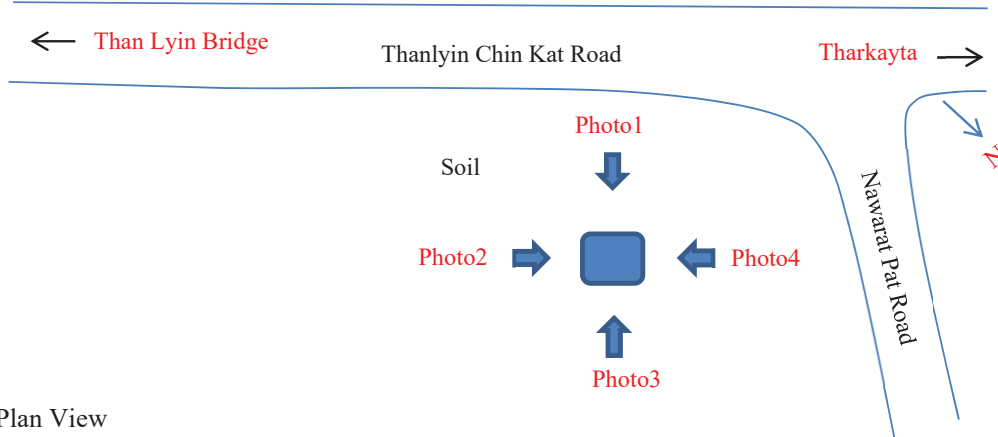
- Latitude 16° 48' 2.5884" N
- Longitude 96° 13' 33.4992" E



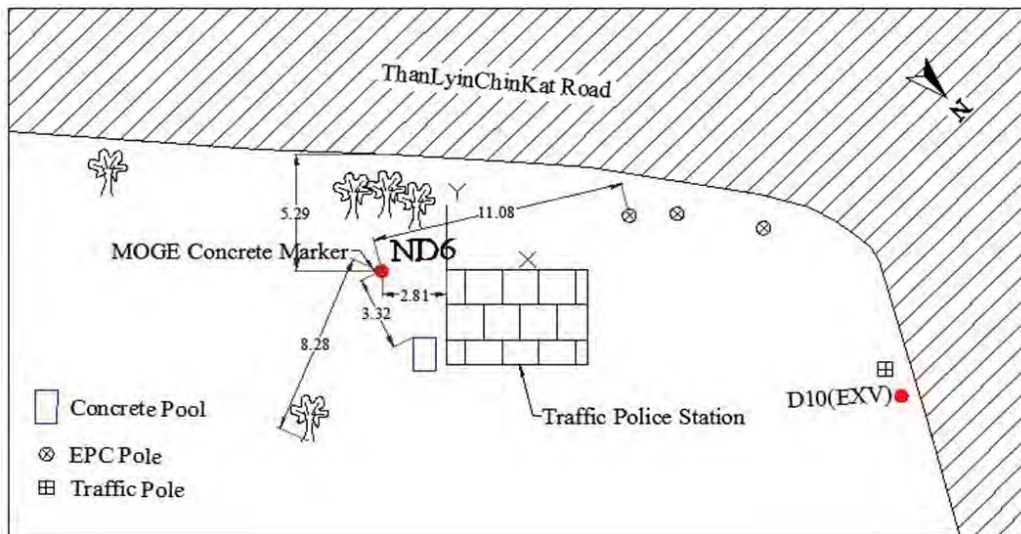
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND6



Photo 1



Photo 2



Photo 3



Photo 4

## Survey Sheet of ND7

### 1. Summary of Location

The location of ND7 point is located at the following coordinate and the corner of Thanlyin approach road and Star City entry road in the Thanlyin Township.

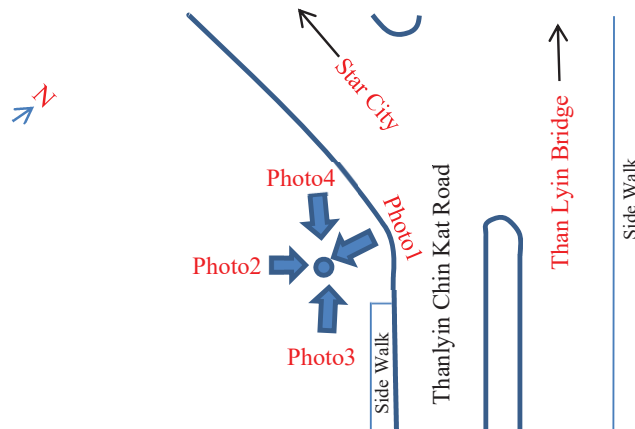
- Latitude 16° 46' 45.0372" N
- Longitude 96° 14' 25.9800" E



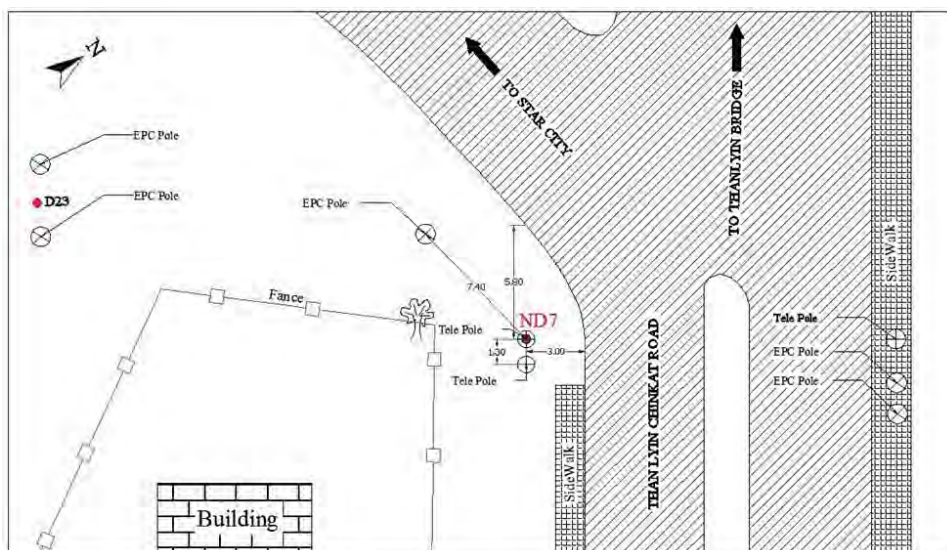
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View



4. Photos of ND7

Photo 1



Photo 2



Photo 3



Photo 4



## Survey Sheet of ND8

### 1. Summary of Location

The location of ND8 point is located at the following coordinate and the corner of Thanlyin approach road and Thirihantha villa entry road in the Thanlyin Township.

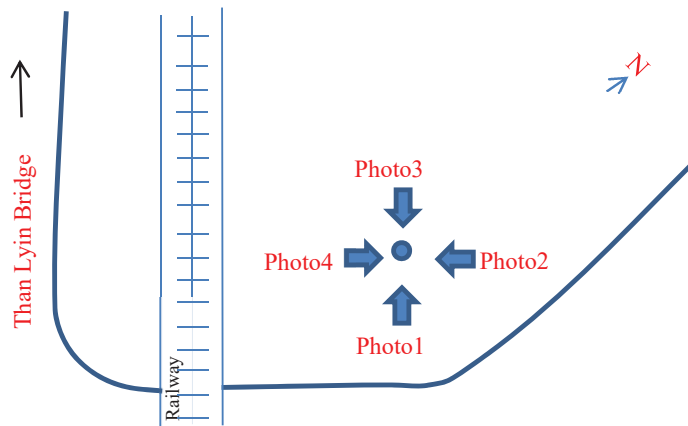
- Latitude  $16^{\circ} 46' 46.7580''$  N
- Longitude  $96^{\circ} 14' 27.0852''$  E



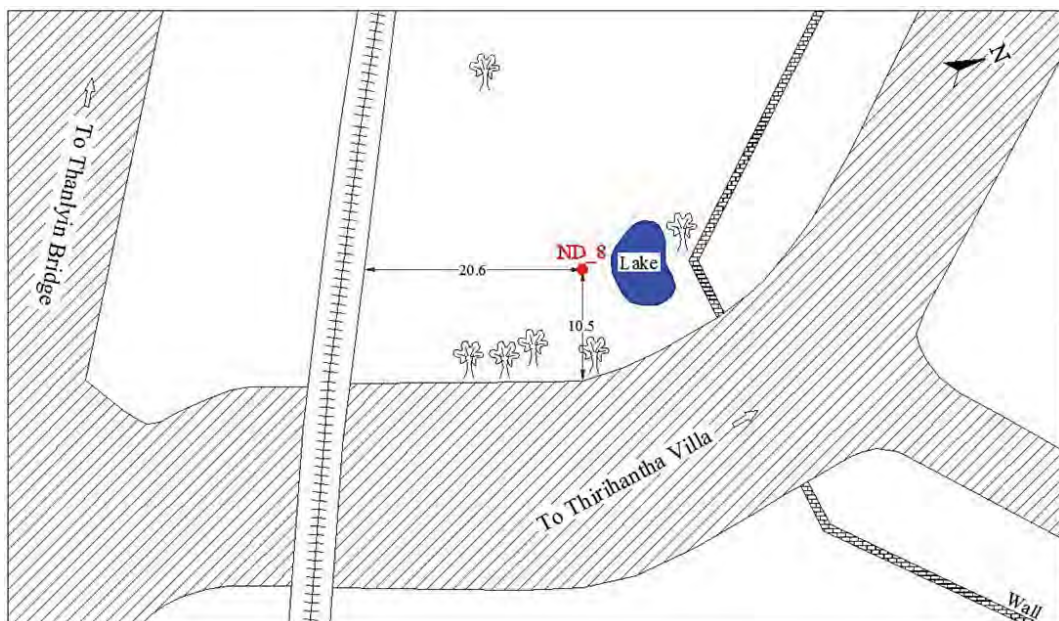
\*\*This coordinate is assume value and acquired by the hand held GPS.

\*\*The information of underground utility is get from government staff.

### 2. Sketch



### 3. Plan View





4. Photos of ND8



Photo 1



Photo 2



Photo 3



Photo 4