Tribhuwan University
Institute of Engineering
Central Campus, Pulchowk
Department of Civil Engineering
Survey Instruction Committee

Minor Traverse Levelling

Turning Point	Station/ Chainage	BS	FS	Rise	Fall	Elevation	Correction	Corrected Elevation
	M17	1.285				1331.401	0.000	1331.401
TP1		0.920	1.713		0.428	1330.973	0.000	1330.973
TP2		0.806	1.774		0.854	1330.119	0.001	1330.120
TP3		1.190	1.838		1.032	1329.087	0.001	1329.088
TP4	M16	0.750	1.440		0.250	1328.837	0.002	1328.838
TP5		0.880	1.870		1.120	1327.717	0.002	1327.719
TP6		0.994	1.730		0.850	1326.867	0.002	1326.869
TP7		0.952	1.737		0.743	1326.124	0.003	1326.127
TP8		0.798	1.758		0.806	1325.318	0.003	1325.321
TP9		0.824	1.795		0.997	1324.321	0.004	1324.324
TP10	M15	1.230	1.852		1.028	1323.293	0.004	1323.297
TP11		1.035	1.708		0.478	1322.815	0.004	1322.819
TP12	M14	1.373	1.755		0.720	1322.095	0.005	1322.100
TP13		1.005	1.385		0.012	1322.083	0.005	1322.088
TP14	m1	1.664	1.632		0.627	1321.456	0.005	1321.461
TP15	m2	0.722	1.490	0.174		1321.630	0.006	1321.636
TP16		0.642	1.814		1.092	1320.538	0.006	1320.544
TP17		0.621	2.412		1.770	1318.768	0.007	1318.774
TP18	m3	0.965	0.629		0.008	1318.760	0.007	1318.767
TP19		1.064	2.119		1.154	1317.606	0.007	1317.613
TP20	m4	0.693	1.483		0.419	1317.187	0.008	1317.195
TP21		1.547	1.348		0.655	1316.532	0.008	1316.540
TP22		1.962	0.732	0.815		1317.347	0.009	1317.355
TP23	m5	2.176	0.974	0.988		1318.335	0.009	1318.344
TP24		2.461	0.612	1.564		1319.899	0.009	1319.908
TP25		2.365	0.717	1.744		1321.643	0.010	1321.653
TP26	m6	1.716	0.732	1.633		1323.276	0.010	1323.286
TP27	m7	2.604	0.794	0.922		1324.198	0.011	1324.208
TP28	m8	1.541	0.869	1.735		1325.933	0.011	1325.944
TP29		1.718	1.222	0.319		1326.252	0.011	1326.263
TP30		1.642	1.030	0.688		1326.940	0.012	1326.952
TP31	m9	1.488	1.024	0.618		1327.558	0.012	1327.570
TP32		1.883	0.912	0.576		1328.134	0.012	1328.146
TP33		1.804	0.775	1.108		1329.242	0.013	1329.255
TP34	m10	2.032	1.458	0.346		1329.588	0.013	1329.601
TP35		1.561	0.905	1.127		1330.715	0.014	1330.728
TP36	M17		0.889	0.672		1331.387	0.014	1331.401
∑		**48.913**	**48.927**	**15.029**	**15.043**			

Arithmetic Check:

∑BS - ∑FS = -0.014
∑Rise - ∑Fall = -0.014

Discrepancy = -0.014
Loop Perimeter = 959.590 m
Required Precision = 0.024

Survey Group: 29-074