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

Two Peg Test

Distance Between A & B = 40m

| When instrument is at midway of two pegs: | | | | | | | | | |
|---|------------|-------|--------------|--------|-------------|------------|--|--|--|
| Instrument | Sighted to | Sta | aff Readings | Mean | True Height | | | | |
| mstrument | | Тор | Mid | Bottom | | Difference | | | |
| | Α | 1.216 | 1.115 | 1.015 | 1.115333 | 0.050 | | | |
| Р | В | 1.265 | 1.165 | 1.064 | 1.164667 | 0.030 | | | |

| When instrument is at near one peg (A): | | | | | | | | | |
|---|------------|--------------------|-------|--------|-------|-------------|--|--|--|
| Instrument | Sighted to | Staff Readings (m) | | | Mean | True Height | | | |
| mstrument | | Тор | Mid | Bottom | | Difference | | | |
| | А | 1.167 | 1.147 | 1.127 | 1.147 | 0.056 | | | |
| Q | В | 1.384 | 1.203 | 1.022 | 1.203 | 0.056 | | | |

| Collimation Error = | 0.006 |
|---------------------|----------|
| Precision = | 5333.333 |