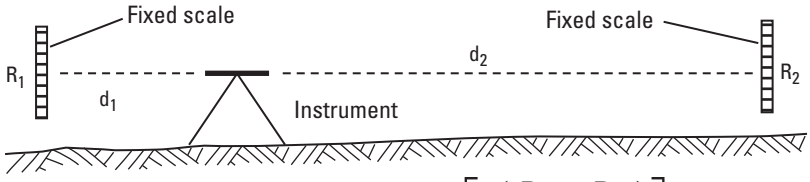
FIXED SCALE COLLIMATION TEST OF ENGINEER'S LEVEL

Tested by: _____ Date: _____

Make/Model: Circle system type(s): optical digital



$$\text{Collimation} = c = 100 * \left[\frac{(R_1 - R_2)}{(d_2 - d_1)} \right]$$

d_2 should be less than 110 ft.

OPTICAL SYSTEM

	R	d
1		
2		

$$c = 100 * \left[\frac{(\quad - \quad)}{(\quad - \quad)} \right]$$

c = _____ft/100ft as found

DIGITAL SYSTEM

	R	d
1		
2		

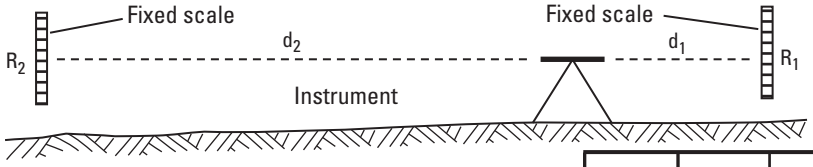
$$c = 100 * \left[\frac{(\quad - \quad)}{(\quad - \quad)} \right]$$

c = _____ft/100ft as found

ADJUSTMENT (level remains set up at ORIGINAL LOCATION)

To adjust level, set R_2 to read R_1 R_1 = _____ System adjusted: optical digital

To test collimation after adjustment, set up near other scale and repeat measurements.



	R	d
1		
2		

$$c = 100 * \left[\frac{(\quad - \quad)}{(\quad - \quad)} \right]$$

NOTES or COMMENTS: