

Part 5 -Rangeland Ecosystem Measurements**5B. Shrub Cover Estimates** (Shrub cover by line intercept; 35 pts)

Examine the image of transect line. Record segments of shrub canopy that intercept the transect with online measurement tool. Calculate % cover.

Shrub Cover Intercept		Transect Length = <u>Length will be given</u>			
Plant	Intercept(inches)	Plant	Intercept(inches)	Plant	Intercept(inches)
1	37	7	12	13	21
2	44	8	6	14	20
3	28	9	48	15	7
4	10	10	19	16	11
5	9	11	12	17	13
6	39	12	14	18	11
Subtotal=	167	Subtotal=	111	Subtotal=	83
					<b>Total Intercept=</b> 361
					<b>% Cover=</b> 40%

Correct Calculation Processs = 20 pts | Appropriate Estimate (within  $\pm 5\%$  = 15 pts; within  $\pm 10\%$  = 10 pts)