

## Murphy Ridge B Prescribed Burn Pre-treatment vegetation transect

UTM: 4576434 N x 493985 E, 4576407 N x 493999 E

Transect #2 (Unit 3) 4/1/03 12:50

Quadrat	Grass	Shrub	Forb	Bareground	Litter	Rock
1	5	50	0	15	30	0
2	10	45	Trace	10	35	0
3	10	45	5	20	20	0
4	Trace	90	5	0	5	0
5	10	50	5	20	15	0
6	10	45	Trace	25	20	0
7	0	90	0	10	0	0
8	5	70	0	20	5	0
9	20	15	15	40	10	0
10	Trace	75	0	20	5	0
<b>Transect Averages</b>	<b>8.75</b>	<b>57.5</b>	<b>3.75</b>	<b>18</b>	<b>14.5</b>	<b>0</b>
Transect #1&#2 averages						
	<b>16.63</b>	<b>44.75</b>	<b>5.44</b>	<b>19.65</b>	<b>14.50</b>	<b>1.00</b>

### Species Observed: (not a complete list)

Wyoming Big Sagebrush

Buckwheat

Phlox

### Procedure for reading canopy cover transect.

- \* Fenceposts were placed 100 feet apart at the above UTM coordinates.
- \* A 100 foot long tape was stretched tightly between the two posts at ground level.
- \* The beginning of the tape (0 feet) was located at the western fence post.
- \* The 100 foot end of the tape was located at the east fence post.
- \* A 1 meter square hoop was placed on the downhill (north) side of the 100' tape.
- \* The western (back) edge of the hoop was placed at the 10' mark.
- \* The eastern (leading) edge of the hoop rests near the 13' mark.
- \* The hoop was then placed at each 10 foot interval beginning at 10 feet and ending at 100 feet.
- \* The quadrat # corresponds to the 10 foot interval mark on the 100 foot tape. (ie, quadrat 4=40' )
- \* Each quadrat was read using ocular estimation of canopy coverage for the 6 columns in the above c

chart.