

Germination Survey	Date: <u>9-13-2018</u>				Inspected By: <u>Catherine Roy</u>		
	Location/Operator: <u>067-05805/ Benson Montin Greer Drilling</u>						
Goal: 3-5 seedlings/sq.ft (~16-27 per 1/2 sq. meter)							
Transect Number	1	2	3	4	5	6	7
Transect Orientation and first photo, degrees	17 degrees northward 37.090472, -107.939723						
End transect	37.090748, -107.939720						
Aspect/Slope	10 percent northward						
<b>Quadrat Number</b>	<b>Seedling Germination per 1/2 Square meter</b>						
1	Desirable: 66 Undesirable: 0						
2	Desirable: 89 Undesirable: 1						
3	Desirable: 63 Undesirable: 0						
4	Desirable: 58 Undesirable: 0						
5	Desirable: 57 Undesirable: 0						
6	Desirable: 65 Undesirable: 0						
7	Desirable: 47 Undesirable: 0						
8	Desirable: 43 Undesirable: 0						
9	Desirable: 23 Undesirable: 0						
10	Desirable: 43 Undesirable: 0						
Average Desirable:	55.4						
<b>Method:</b> Survey is conducted along a 100 foot transect along recently seeded areas in he location. A 1/2 meter squared quadrat is placed at the first 10 foot mark, counting s germination on the northern side of the transect. This measurement is conducted every 10 feet to the end of the transect line, totalling 10 quadrat measurements.							