

Germination Survey	Date: 1/17/16		Inspected By: T. Smith					
	Location/Operator: 121-07270 / Beren Corp							
Transect Number	Dist 1	Ref 2	3	4	5	6	7	8
Transect Orientation and first photo, degrees	40.22249 -103.11550 East	40.22249 -103.11606 West						
Photo Midpoint (2)	40.22251 -103.11533 S/N	40.22236 -103.11622 S/N						
End transect	40.22250 -103.11510 West	40.22249 -103.11617 East						
Aspect/Slope	0-3	0-3						
Quadrat Number	Seedling Germination per 1/2 Square meter							
1	9	22						
2	3	27						
3	19	21						
4	8	24						
5	14	24						
6	13	21						
7	15	20						
8	19	13						
9	20	25						
10	22	21						
11	17	15						
12	20	24						
13	12	26						
14	10	19						
15	4	22						
16	8	19						
17	12	21						
18	7	21						
19	14	22						
20	10	28	434					
Average	12.8	21.7						
Total Average:								

Method: Survey is conducted along a 100 foot transect along representative areas of the subject location. A 1/2 meter squared quadrat is placed at the first 10 foot mark, counting seedling germination on one side of the transect, then again on the other side. This measurement is conducted every 10 feet to the end of the 100-foot transect line, totalling 20 quadrat measurements. The 20 quadrat measurements total 54 square feet of assessment. Undesirable plant species do not contribute to this count.

Transect #1 = Disturbance
 Transect #2 = Reference

$$(12.4/21.7) \times 100 = 58.9\%$$