

Germination Survey	Date: <u>5-1-2020</u>		Inspected By: <u>Catherine Roy</u>				
	Location/Operator: <u>067-08004/Western Gas Resources</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	37.144056, -108.178047, ~88 degrees eastward	37.144362, -108.177946, ~273 degrees westward					
End transect	37.144057, -108.177705	37.144372, -108.178239					
Aspect/Slope	~2 percent southward	~2 percent northeastward					
Quadrat Number	Seedling Germination per 1/2 Square meter						
1	1	3					
2	3	2					
3	1	1					
4	3	4					
5	3	16					
6	14	6					
7	13	4					
8	1	7					
9	4	3					
10	6	3					
11	3	1					
12	6	5					
13	5	6					
14	1	3					
15	0	5					
16	3	3					
17	4	7					
18	2	2					
19	9	2					
20	6	3					
Average Desirable:	4.40	4.3					
Total Average:	4.40						
Method: Survey is conducted along a 100 foot transect along recently seeded areas in the location. A 1/2 meter squared quadrat is placed at the first 10 foot mark and seedlings are counted. This process is repeated on both sides of the transect line every 10 feet, totalling 20 seedling quadrat samples.							