

Germination Survey	Date: <u>April 3, 2025</u>		Inspected By: <u>Corey McDermott</u>					
Goal: 3-5 seedlings/sq.ft (~16-27 per 1/2 sq. meter)	Location/Operator: <u>Wright 33-S 16-1, Petrox Resources Inc.</u>							
Transect Number	1	2	3	4	5	6	7	8
Transect Orientation and first photo, degrees	S↔N 37.099613 -107.398316	N↔S 37.099239 -107.398988						
Photo Midpoint (2)	37.099410 -107.398309	37.099519 -107.398887						
End transect	37.099245 -107.398422	37.099639 -107.398931						
Aspect/Slope	6	8						
Quadrat Number	Seedling Germination per 1/2 Square meter							
1	35	21						
2	18	38						
3	13	34						
4	28	31						
5	6	44						
6	9	53						
7	11	20						
8	28	20						
9	16	35						
10	25	21						
11	6	29						
12	2	27						
13	25	35						
14	19	22						
15	14	28						
16	18	31						
17	12	28						
18	9	36						
19	10	55						
20	7	23						
Average	15	31						
Total Average:	23							

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.