

Homestake Mining Company  
 Grants Reclamation Project  
 Private Well Uranium Concentration Statistics  
**Homestake Mining Company**  
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**Private Well Uranium Concentration Statistics**  
**Base-Case Uranium Models Output, 1,000 yr run**

Permit/Alternative	<sup>1</sup> Maximum	<sup>1</sup> Minimum	<sup>1</sup> Average		Maximum	Minimum
B_00132						
Alternative 1	0.0638	0.0638	0.0638	Alternative 1	2.301	0.005
Alternative 2	0.0638	0.0638	0.0638	Alternative 2	5.283	0.005
Alternative 3	0.0638	0.0638	0.0638	Alternative 3	8.258	0.005
B_00147						
Alternative 1	0.0682	0.0196	0.0393			
Alternative 2	0.0764	0.0196	0.0407			
Alternative 3	0.0981	0.0196	0.0433			
B_00163						
Alternative 1	0.183791	0.02	0.038564044			
Alternative 2	2.49399	0.02	0.169574295			
Alternative 3	3.03476	0.02	0.20232005			
B_00164						
Alternative 1	0.149276	0.0200218	0.046274866			
Alternative 2	4.05367	0.0200219	0.196020293			
Alternative 3	5.0948	0.0200222	0.243249465			
B_00165						
Alternative 1	0.60969	0.0200137	0.065085266			
Alternative 2	5.28321	0.0200137	0.292714649			
Alternative 3	7.71316	0.0200138	0.39668738			
B_00178						
Alternative 1	0.0535	0.0357	0.0451			
Alternative 2	0.6789	0.0390	0.1445			
Alternative 3	6.3325	0.0388	1.3288			
B_00180						
Alternative 1	0.217423	0.0200047	0.046011055			
Alternative 2	4.88124	0.0200047	0.386582579			
Alternative 3	7.65393	0.0200048	0.824483102			
B_00203						
Alternative 1	0.283177	0.0178968	0.042400404			
Alternative 2	0.619591	0.0178968	0.142467084			
Alternative 3	8.25828	0.0178967	1.596958489			
B_00220						
Alternative 1	0.074839	0.0199823	0.037518543			
Alternative 2	0.303467	0.0199823	0.061181987			
Alternative 3	1.64532	0.0199823	0.229342886			

B_00221			
Alternative 1	0.595008	0.0200082	0.051495272
Alternative 2	5.0931	0.0200082	0.329644943
Alternative 3	8.05211	0.0200084	0.529072677
B_00251			
Alternative 1	0.66184	0.020012	0.060429849
Alternative 2	5.02218	0.020012	0.291859165
Alternative 3	7.17772	0.0200124	0.40409144
B_00279			
Alternative 1	0.20937	0.02	0.045670445
Alternative 2	2.2713	0.02	0.236702173
Alternative 3	6.24946	0.02	0.675474498
B_00352			
Alternative 1	0.047019	0.034902	0.03907818
Alternative 2	0.655351	0.034902	0.134487034
Alternative 3	6.29057	0.0348816	1.274680414
B_00415			
Alternative 1	0.279091	0.005	0.054673
Alternative 2	2.53608	0.005	0.283473
Alternative 3	4.17769	0.005	0.528098
Permit/Alternative	<sup>1</sup> Maximum	<sup>1</sup> Minimum	<sup>1</sup> Average
B_00435			
Alternative 1	0.115828	0.0197227	0.061020876
Alternative 2	0.096812	0.0197232	0.04953308
Alternative 3	0.057598	0.0197367	0.030319229
B_00458			
Alternative 1	0.376064	0.0199932	0.099188053
Alternative 2	0.631205	0.0199932	0.199796324
Alternative 3	1.37343	0.0199932	0.276644322
B_00583			
Alternative 1	0.305349	0.0199957	0.069848149
Alternative 2	2.3009	0.0199957	0.292791538
Alternative 3	3.41457	0.0199958	0.412214402
B_00676			
Alternative 1	0.076478	0.0199742	0.038157271
Alternative 2	0.141265	0.0199742	0.04432956
Alternative 3	1.36498	0.0199741	0.170226352
B_00698			
Alternative 1	0.038559	0.021271	0.029390216
Alternative 2	0.035987	0.0212686	0.028024877
Alternative 3	0.035465	0.0212641	0.027853348

	Max	Min	Average
<b>Alternative 1</b>	<b>2.301</b>	<b>0.005</b>	<b>0.051</b>
<b>Alternative 2</b>	<b>5.283</b>	<b>0.005</b>	<b>0.178</b>

<b>Alternative 3</b>	<b>8.258</b>	<b>0.005</b>	<b>0.487</b>
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<sup>1</sup>Predicted uranium concentrations from bounding-case model

<b>Average</b>
<b>0.051</b>
<b>0.178</b>
<b>0.487</b>