

Scenarios and tolerable iron grade target ranges concerning plants

Scenario	Excavator (#)	ϵ (%)	GT_{111} (%)	GT_{121} (%)	GT_{131} (%)	GT_{211} (%)	GT_{221} (%)	GT_{231} (%)
1	2	0	59	62	46	60	62	62
2	2	1	[58.4, 59.6]	[61.5, 62.2]	[45.5, 46.6]	[59.4, 60.6]	[61.4, 62.6]	[61.4, 62.6]
3	2	2	[57.8, 60.2]	[60.8, 63.2]	[45.1, 46.9]	[58.8, 61.2]	[60.8, 63.2]	[60.8, 63.2]
4	2	3	[57.2, 60.8]	[60.1, 63.9]	[44.6, 47.4]	[58.2, 61.8]	[60.1, 63.9]	[60.1, 63.9]
5	2	4	[56.6, 61.4]	[59.5, 64.5]	[44.2, 47.8]	[57.6, 62.4]	[59.5, 64.4]	[59.5, 64.4]
6	2	5	[56.1, 62.0]	[58.9, 65.1]	[43.7, 48.3]	[57.0, 63.0]	[58.9, 65.1]	[58.9, 65.1]
7	3	0	59	62	46	60	62	62
8	3	1	[58.4, 59.6]	[61.5, 62.2]	[45.5, 46.6]	[59.4, 60.6]	[61.4, 62.6]	[61.4, 62.6]
9	3	2	[57.8, 60.2]	[60.8, 63.2]	[45.1, 46.9]	[58.8, 61.2]	[60.8, 63.2]	[60.8, 63.2]
10	3	3	[57.2, 60.8]	[60.1, 63.9]	[44.6, 47.4]	[58.2, 61.8]	[60.1, 63.9]	[60.1, 63.9]
11	3	4	[56.6, 61.4]	[59.5, 64.5]	[44.2, 47.8]	[57.6, 62.4]	[59.5, 64.4]	[59.5, 64.4]
12	3	5	[56.1, 62.0]	[58.9, 65.1]	[43.7, 48.3]	[57.0, 63.0]	[58.9, 65.1]	[58.9, 65.1]
13	4	0	59	62	46	60	62	62
14	4	1	[58.4, 59.6]	[61.5, 62.2]	[45.5, 46.6]	[59.4, 60.6]	[61.4, 62.6]	[61.4, 62.6]
15	4	2	[57.8, 60.2]	[60.8, 63.2]	[45.1, 46.9]	[58.8, 61.2]	[60.8, 63.2]	[60.8, 63.2]
16	4	3	[57.2, 60.8]	[60.1, 63.9]	[44.6, 47.4]	[58.2, 61.8]	[60.1, 63.9]	[60.1, 63.9]
17	4	4	[56.6, 61.4]	[59.5, 64.5]	[44.2, 47.8]	[57.6, 62.4]	[59.5, 64.4]	[59.5, 64.4]
18	4	5	[56.1, 62.0]	[58.9, 65.1]	[43.7, 48.3]	[57.0, 63.0]	[58.9, 65.1]	[58.9, 65.1]
19	5	0	59	62	46	60	62	62
20	5	1	[58.4, 59.6]	[61.5, 62.2]	[45.5, 46.6]	[59.4, 60.6]	[61.4, 62.6]	[61.4, 62.6]
21	5	2	[57.8, 60.2]	[60.8, 63.2]	[45.1, 46.9]	[58.8, 61.2]	[60.8, 63.2]	[60.8, 63.2]
22	5	3	[57.2, 60.8]	[60.1, 63.9]	[44.6, 47.4]	[58.2, 61.8]	[60.1, 63.9]	[60.1, 63.9]
23	5	4	[56.6, 61.4]	[59.5, 64.5]	[44.2, 47.8]	[57.6, 62.4]	[59.5, 64.4]	[59.5, 64.4]
24	5	5	[56.1, 62.0]	[58.9, 65.1]	[43.7, 48.3]	[57.0, 63.0]	[58.9, 65.1]	[58.9, 65.1]