

SOCIAL IMPACT ASSESSMENT SUMMARY TABLES
(MARCH 2011)

Please note that the significance values in these tables supersede the significance values in the report.

Duynfontein: Construction Impacts

Impact	Nature	Intensity	Extent	Duration	Impact on irreplaceable resources	Consequence	Probability	SIGNIFICANCE
1A: Accommodation during the construction phase	Negative	Medium	Low	Medium	Low	Low	High	Medium
1B: Mitigated	Negative	Low	Low	Medium	Low	Low	High	Medium
2A: Influx of job seekers	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
2B: Mitigated	Negative	Low	Medium	Medium	Low	Medium	Low	Medium
3A: Increase in informal illegal dwellings	Negative	Low	Medium	Low	Low	Low	Low	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
4A: Creation of employment opportunities	Positive	High	High	Medium	Low	Medium	High	High
4B: Optimised	Positive	High	High	Medium	Low	Medium	High	High
5A: Business opportunities	Positive	Medium	High	Medium	Low	Medium	High	Medium
5B: Optimised	Positive	Medium	High	Medium	Low	Medium	High	Medium
6A: Increase in criminal activities	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
6B: Mitigated	Negative	Low	Medium	Medium	Low	Medium	Medium	Low
7A: Increase in sexually transmitted diseases	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
7B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	Low	Medium
8A: Water & sanitation	Negative	Medium	Medium	Medium	Medium	Medium	Medium	Medium
8B: Mitigated	Negative	Medium	Medium	Low	Medium	Medium	Medium	Low
9A: Roads & transport	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
9B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	Low	Low
10A: Waste and refuse	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium

Impact	Nature	Intensity	Extent	Duration	Impact on irreplicable resources	Consequence	Probability	SIGNIFICANCE
10B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	Low	Low
11A: Traffic impacts	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
11B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	Medium	Low
12A: Noise impacts	Negative	Low	Medium	Medium	Low	Medium	Medium	Medium
12B: Mitigated	Negative	Low	Medium	Medium	Low	Low	Low	Medium
13A: Loss of employment	Negative	Medium	High	Low	Low	Medium	Medium	Medium
13B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Medium
14A: Visual impact	Negative	Medium	Medium	Medium	Low	Medium	High	Medium
14B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	High	Medium
15A: Medical infrastructure	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
15B: Mitigated	Negative	Low	High	Medium	Low	Low	Low	Low
16A: Law enforcement	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
16B: Mitigated	Negative	Low	Medium	Medium	Low	Low	Low	Low
17A: Schools	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
17B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
18A: Sport infrastructure	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
18B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
19A: Sense of place	Negative	Medium	Medium	Low	Medium	Medium	Medium	Medium
19B: Mitigated	Negative	Medium	Medium	Low	Low	Medium	Low	Medium
20A: Future land use	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
20B: Mitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium

DUYNEFONTEIN: OPERATIONAL IMPACTS

Impact	Nature	Intensity	Extent	Duration	Impact on irreplacable resources	Consequence	Probability	SIGNIFICANCE
1A: Creation of employment opportunities	Positive	Low	High	Low	Low	Low	High	Medium
1B: Mitigated	Positive	Low	High	Low	Low	Low	High	Medium
2A: Business opportunities	Positive	Low	High	High	Low	Medium	Medium	Medium
2B: Mitigated	Positive	Low	High	High	Low	Medium	High	Medium
3A: Increase in criminal activities	Negative	Low	Medium	Low	Low	Low	Low	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
4A: Water & sanitation	Negative	Low	Low	Low	Low	Low	Low	Low
4B: Mitigated	Negative	Low	Low	Low	Medium	Low	Low	Low
5A: Roads & transport	Negative	Low	Low	Low	Low	Low	Low	Low
5B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
6A: Waste and refuse	Negative	Medium	Low	Low	Low	Low	Low	Low
6B: Mitigated	Negative	Medium	Low	Low	Low	Low	Low	Low
7A: Visual impact	Negative	Medium	Low	High	Low	Medium	High	Medium
7B: Mitigated	Negative	Medium	Low	High	Low	Medium	High	Medium
8A: Medical infrastructure	Negative	Low	Low	Low	Low	Low	Low	Low
8B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
9A: Schools	Negative	Medium	Low	Low	Low	Medium	Low	Low
9B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
10A: Sport infrastructure	Negative	Low	Low	Low	Low	Low	Low	Low
10B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
11A: Sense of place	Negative	Medium	Low	Low	Low	Medium	Low	Medium
11B: Mitigated	Negative	Medium	Low	Low	Low	Medium	Low	Medium
12A: Future land use planning	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
12B: Mitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium
13A: Speceived risk of nuclear incidents	Negative	Medium	High	High	Low	Medium	High	Medium
13B: Mitigated	Negative	Medium	High	High	Low	Medium	High	Medium
14A: No-development option	Negative	Medium	High	Medium	Low	Medium	High	Medium

BANTAMSKLIP: CONSTRUCTION IMPACTS

Impact	Nature	Intensity	Extent	Duration	Impact on irreplacable resources	Consequence	Probability	SIGNIFICANCE
1A: Accommodation during the construction phase	Negative	Medium	Low	Medium	Low	Medium	Medium	Medium
1B: Mitigated	Negative	Medium	Low	Medium	Low	Medium	Medium	Medium
2A: Influx of job seekers	Negative	Medium	High	Medium	Low	Medium	High	Medium
2B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
3A: Increase in informal illegal dwellings	Negative	Low	Medium	Low	Low	Low	Low	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
4A: Creation of employment opportunities	Positive	Medium	High	Medium	Low	High	High	High
4B: Optimised	Positive	Medium	High	Medium	Low	High	High	High
5A: Business opportunities	Positive	Medium	High	Medium	Low	Medium	High	Medium
5B: Optimised	Positive	Medium	High	Medium	Low	Medium	High	Medium
6A: Increase in criminal activities	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
6B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
7A: Increase in sexually transmitted diseases	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
7B: Mitigated	Negative	Medium	High	Medium	Low	Low	Medium	Medium
8A: Water & sanitation	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium
8B: Mitigated	Negative	Medium	High	Low	Medium	Medium	Medium	Low
9A: Roads & transport	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
9B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Low	Low
10A: Waste and refuse	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
10B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
11A: Traffic impacts	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
11B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
12A: Noise impacts	Negative	Low	Medium	Medium	Low	Medium	Medium	Medium
12B: Mitigated	Negative	Low	Medium	Medium	Low	Medium	Medium	Medium
13A: Loss of employment	Negative	Medium	High	Low	Low	Medium	High	Medium
13B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Medium

Impact	Nature	Intensity	Extent	Duration	Impact on irreplaceable resources	Consequence	Probability	SIGNIFICANCE
14A: Visual impact	Negative	Medium	Medium	Medium	Medium	Medium	High	Medium
14B: Mitigated	Negative	Medium	Medium	Medium	Medium	Medium	High	Medium
15A: Medical infrastructure	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
15B: Mitigated	Negative	Medium	Medium	Low	Medium	Medium	Medium	Low
16A: Law enforcement	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
16B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
17A: Schools	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
17B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Low
18A: Sport infrastructure	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
18B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Low
19A: Sense of place	Negative	Medium	Medium	Low	Low	Medium	Medium	Medium
19B: Mitigated	Negative	Medium	Medium	Low	Low	Medium	Medium	Medium
20A: Future land use	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
20B: Mitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium

BANTAMSKLIP: OPERATIONAL IMPACTS

Impact	Nature	Intensity	Extent	Duration	Impact on irreplacable resources	Consequence	Probability	SIGNIFICANCE
1A: Creation of employment opportunities	Positive	Low	High	Low	Low	Low	High	Medium
1B: Mitigated	Positive	Low	High	Low	Low	Low	High	Medium
2A: Business opportunities	Positive	Low	High	High	Low	Medium	HMedium	Medium
2B: Mitigated	Positive	Low	High	High	Low	Medium	High	Medium
3A: Increase in criminal activities	Negative	Low	Medium	Low	Low	Low	Low	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
4A: Water & sanitation	Negative	Low	Low	Low	Medium	Low	Medium	Low
4B: Mitigated	Negative	Low	Low	Low	Medium	Low	Medium	Low
5A: Roads & transport	Negative	Low	Low	Low	Low	Low	Low	Low
5B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
6A: Waste and refuse	Negative	Low	Low	Low	Low	Low	Low	Low
6B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
7A: Visual impact	Negative	High	Low	High	Medium	Medium	High	Medium
7B: Mitigated	Negative	High	Low	High	Medium	Medium	High	Medium
8A: Medical infrastructure	Negative	Low	Low	Low	Low	Low	Low	Low
8B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
9A: Schools	Negative	Low	Low	Low	Low	Low	Low	Low
9B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
10A: Sport infrastructure	Negative	Low	Low	Low	Low	Low	Low	Low
10B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
11A: Sense of place	Negative	Medium	High	Low	Low	Medium	Medium	Medium
11B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Medium
12A: Future land use planning	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
12B: Mitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium
13A: Speceived risk of nuclear incidents	Negative	Medium	High	High	Low	Medium	High	Medium
13B: Mitigated	Negative	Medium	High	High	Low	Medium	Medium	Medium
14A: No-development option	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium

THYSPUNT: CONSTRUCTION IMPACTS

Impact	Nature	Intensity	Extent	Duration	Impact on irreplaceable resources	Consequence	Probability	SIGNIFICANCE
1A: Accommodation during the construction phase	Negative	Medium	Low	Medium	Low	Medium	High	Medium
1B: Mitigated	Negative	Medium	Low	Medium	Low	Medium	High	Medium
2A: Influx of job seekers	Negative	Medium	High	Medium	Low	Medium	High	Medium
2B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
3A: Increase in informal illegal dwellings	Negative	Low	Medium	Low	Low	Low	Medium	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Medium	Low
4A: Creation of employment opportunities	Positive	Medium	High	Medium	Low	High	High	High
4B: Optimised	Positive	Medium	High	Medium	Low	High	High	High
5A: Business opportunities	Positive	Medium	High	Medium	Low	Medium	High	Medium
5B: Optimised	Positive	Medium	High	Medium	Low	Medium	High	Medium
6A: Increase in criminal activities	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
6B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
7A: Increase in sexually transmitted diseases	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
7B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Low	Medium
8A: Water & sanitation	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium
8B: Mitigated	Negative	Medium	High	Low	Medium	Medium	Medium	Low
9A: Roads & transport	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
9B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
10A: Waste and refuse	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
10B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
11A: Traffic impacts	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
11B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
12A: Noise impacts	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
12B: Mitigated	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
13A: Loss of employment	Negative	Medium	High	Low	Low	Medium	High	Medium
13B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Medium

Impact	Nature	Intensity	Extent	Duration	Impact on irreplaceable resources	Consequence	Probability	SIGNIFICANCE
14A: Visual impact	Negative	Medium	Medium	Medium	Medium	Medium	High	Medium
14B: Mitigated	Negative	Medium	Medium	Medium	Medium	Medium	High	Medium
15A: Medical infrastructure	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
15B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Low
16A: Law enforcement	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
16B: Mitigated	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
17A: Schools	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
17B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Low
18A: Sport infrastructure	Negative	Medium	High	Medium	Low	Medium	Medium	Medium
18B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Low
19A: Sense of place	Negative	Medium	Medium	Medium	Low	Medium	Medium	Medium
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20A: Future land use	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
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1B: Mitigated	Positive	Low	High	Low	Low	Low	High	Medium
2A: Business opportunities	Positive	Low	High	High	Low	Medium	Medium	Medium
2B: Mitigated	Positive	Low	High	High	Low	Medium	High	Medium
3A: Increase in criminal activities	Negative	Low	Medium	Low	Low	Low	Low	Low
3B: Mitigated	Negative	Low	Medium	Low	Low	Low	Low	Low
4A: Water & sanitation	Negative	Low	Low	Low	Medium	Low	Medium	Low
4B: Mitigated	Negative	Low	Low	Low	Medium	Low	Medium	Low
5A: Roads & transport	Negative	Low	Low	Low	Low	Low	Low	Low
5B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
6A: Waste and refuse	Negative	Low	Low	Low	Low	Low	Low	Low
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10B: Mitigated	Negative	Low	Low	Low	Low	Low	Low	Low
11A: Sense of place	Negative	Medium	High	Low	Low	Medium	Medium	Medium
11B: Mitigated	Negative	Medium	High	Low	Low	Medium	Medium	Medium
12A: Future land use planning	Positive	Medium	High	Medium	Medium	Medium	Medium	Medium
12B: Mitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium
13A: Perceived risk of nuclear incidents	Negative	Medium	High	High	Low	Medium	High	Medium
13B: Mitigated	Negative	Medium	High	High	Low	Medium	Medium	Medium
14A: No-development option	Negative	Medium	High	Medium	Medium	Medium	Medium	Medium