

Lampiran 3 Hasil Rekapitulasi Perhitungan Penurunan Model Geometri Metode Terzaghi

Tabel 1 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 1 m Kedalaman Tanah 5 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 1 | 0,5 | 3,2373 | 15,99782987 | 0,075 |
| | 1 | 1,5 | 9,7119 | 15,9440925 | 0,041 |
| | 1 | 2,5 | 16,1865 | 15,76309278 | 0,029 |
| | 1 | 3,5 | 22,6611 | 15,42424139 | 0,022 |
| | 1 | 4,5 | 29,1357 | 14,94126965 | 0,018 |
| Total | | | | | 0,185 |

Tabel 2 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 1 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,76309278 | 0,144 |
| | 5 | 7,5 | 48,5595 | 13,02465248 | 0,050 |
| | 5 | 12,5 | 80,9325 | 9,951937798 | 0,025 |
| | 5 | 17,5 | 113,3055 | 7,786497038 | 0,014 |
| | 5 | 22,5 | 145,6785 | 6,318470063 | 0,009 |
| | 5 | 27,5 | 178,0515 | 5,28880873 | 0,006 |
| | 5 | 32,5 | 210,4245 | 4,5361949 | 0,005 |
| Total | | | | | 0,252 |

Tabel 3 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 1 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,76309278 | 0,144 |
| | 5 | 7,5 | 48,5595 | 13,02465248 | 0,050 |
| | 5 | 12,5 | 80,9325 | 9,951937798 | 0,025 |
| | 5 | 17,5 | 113,3055 | 7,786497038 | 0,014 |
| | 5 | 22,5 | 145,6785 | 6,318470063 | 0,009 |
| | 5 | 27,5 | 178,0515 | 5,28880873 | 0,006 |
| | 5 | 32,5 | 210,4245 | 4,5361949 | 0,005 |
| | 5 | 37,5 | 242,7975 | 3,965625956 | 0,003 |
| | 5 | 42,5 | 275,1705 | 3,519703344 | 0,003 |
| | 5 | 47,5 | 307,5435 | 3,162330776 | 0,002 |
| | 5 | 52,5 | 339,9165 | 2,86989016 | 0,002 |
| | 5 | 57,5 | 372,2895 | 2,626365987 | 0,002 |

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Lanjutan Tabel 3 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 1 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 5 | 62,5 | 404,6625 | 2,420552732 | 0,001 |
| | 5 | 67,5 | 437,0355 | 2,244393669 | 0,001 |
| Total | | | | | 0,266 |

Tabel 4 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 2 m Kedalaman Tanah 5 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 1 | 0,5 | 3,2373 | 15,9992381 | 0,075 |
| | 1 | 1,5 | 9,7119 | 15,9798936 | 0,041 |
| | 1 | 2,5 | 16,1865 | 15,9109648 | 0,029 |
| | 1 | 3,5 | 22,6611 | 15,7707907 | 0,022 |
| | 1 | 4,5 | 29,1357 | 15,5503951 | 0,018 |
| 2 | 1 | 0,5 | 19,2373 | 15,9978299 | 0,026 |
| | 1 | 1,5 | 25,7119 | 15,9440925 | 0,020 |
| | 1 | 2,5 | 32,1865 | 15,7630928 | 0,017 |
| | 1 | 3,5 | 38,6611 | 15,4242414 | 0,014 |
| | 1 | 4,5 | 45,1357 | 14,9412696 | 0,012 |
| Total | | | | | 0,275 |

Tabel 5 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 2 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,9109648 | 0,145 |
| | 5 | 7,5 | 48,5595 | 14,4702543 | 0,055 |
| | 5 | 12,5 | 80,9325 | 12,0998722 | 0,029 |
| | 5 | 17,5 | 113,3055 | 9,97468846 | 0,018 |
| | 5 | 22,5 | 145,6785 | 8,33523898 | 0,012 |
| | 5 | 27,5 | 178,0515 | 7,09924339 | 0,008 |
| | 5 | 32,5 | 210,4245 | 6,15588896 | 0,006 |

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Lanjutan Tabel 5 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 2 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 2 | 5 | 2,5 | 32,1865 | 15,7630928 | 0,084 |
| | 5 | 7,5 | 64,5595 | 13,0246525 | 0,039 |
| | 5 | 12,5 | 96,9325 | 9,9519378 | 0,021 |
| | 5 | 17,5 | 129,3055 | 7,78649704 | 0,012 |
| | 5 | 22,5 | 161,6785 | 6,31847006 | 0,008 |
| | 5 | 27,5 | 194,0515 | 5,28880873 | 0,006 |
| | 5 | 32,5 | 226,4245 | 4,5361949 | 0,004 |
| Total | | | | | 0,438 |

Tabel 6 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 2 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,9109648 | 0,144 |
| | 5 | 7,5 | 48,5595 | 14,4702543 | 0,056 |
| | 5 | 12,5 | 80,9325 | 12,0998722 | 0,030 |
| | 5 | 17,5 | 113,3055 | 9,97468846 | 0,018 |
| | 5 | 22,5 | 145,6785 | 8,33523898 | 0,012 |
| | 5 | 27,5 | 178,0515 | 7,09924339 | 0,008 |
| | 5 | 32,5 | 210,4245 | 6,15588896 | 0,006 |
| | 5 | 37,5 | 242,7975 | 5,42070874 | 0,005 |
| | 5 | 42,5 | 275,1705 | 4,83537377 | 0,004 |
| | 5 | 47,5 | 307,5435 | 4,36012085 | 0,003 |
| | 5 | 52,5 | 339,9165 | 3,96751477 | 0,003 |
| | 5 | 57,5 | 372,2895 | 3,63825107 | 0,002 |
| | 5 | 62,5 | 404,6625 | 3,35845535 | 0,002 |
| | 5 | 67,5 | 437,0355 | 3,11794877 | 0,002 |
| 2 | 5 | 2,5 | 32,1865 | 15,7630928 | 0,084 |
| | 5 | 7,5 | 64,5595 | 13,0246525 | 0,039 |
| | 5 | 12,5 | 96,9325 | 9,9519378 | 0,021 |
| | 5 | 17,5 | 129,3055 | 7,78649704 | 0,012 |
| | 5 | 22,5 | 161,6785 | 6,31847006 | 0,008 |
| | 5 | 27,5 | 194,0515 | 5,28880873 | 0,006 |
| | 5 | 32,5 | 226,4245 | 4,5361949 | 0,004 |
| | 5 | 37,5 | 258,7975 | 3,96562596 | 0,003 |
| | 5 | 42,5 | 291,1705 | 3,51970334 | 0,003 |

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Lanjutan Tabel 6 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 2 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 2 | 5 | 47,5 | 323,5435 | 3,16233078 | 0,002 |
| | 5 | 52,5 | 355,9165 | 2,86989016 | 0,002 |
| | 5 | 57,5 | 388,2895 | 2,62636599 | 0,001 |
| | 5 | 62,5 | 420,6625 | 2,42055273 | 0,001 |
| | 5 | 67,5 | 453,0355 | 2,24439367 | 0,001 |
| Total | | | | | 0,480 |

Tabel 7 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 3 m Kedalaman Tanah 5 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 1 | 0,5 | 3,2373 | 15,99964693 | 0,075 |
| | 1 | 1,5 | 9,7119 | 15,9905955 | 0,041 |
| | 1 | 2,5 | 16,1865 | 15,95760794 | 0,029 |
| | 1 | 3,5 | 22,6611 | 15,88812574 | 0,023 |
| | 1 | 4,5 | 29,1357 | 15,7738595 | 0,018 |
| 2 | 1 | 0,5 | 19,2373 | 15,99923809 | 0,026 |
| | 1 | 1,5 | 25,7119 | 15,97989355 | 0,021 |
| | 1 | 2,5 | 32,1865 | 15,91096485 | 0,017 |
| | 1 | 3,5 | 38,6611 | 15,7707907 | 0,015 |
| | 1 | 4,5 | 45,1357 | 15,55039514 | 0,013 |
| 3 | 1 | 0,5 | 35,2373 | 15,99782987 | 0,016 |
| | 1 | 1,5 | 41,7119 | 15,9440925 | 0,014 |
| | 1 | 2,5 | 48,1865 | 15,76309278 | 0,012 |
| | 1 | 3,5 | 54,6611 | 15,42424139 | 0,011 |
| | 1 | 4,5 | 61,1357 | 14,94126965 | 0,009 |
| Total | | | | | 0,338 |

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Tabel 8 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 3 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,95760794 | 0,145 |
| | 5 | 7,5 | 48,5595 | 15,14600479 | 0,057 |
| | 5 | 12,5 | 80,9325 | 13,44865811 | 0,033 |
| | 5 | 17,5 | 113,3055 | 11,60009173 | 0,021 |
| | 5 | 22,5 | 145,6785 | 9,984069313 | 0,014 |
| | 5 | 27,5 | 178,0515 | 8,667284182 | 0,010 |
| | 5 | 32,5 | 210,4245 | 7,611184526 | 0,008 |
| 2 | 5 | 2,5 | 32,1865 | 15,91096485 | 0,085 |
| | 5 | 7,5 | 64,5595 | 14,4702543 | 0,043 |
| | 5 | 12,5 | 96,9325 | 12,09987216 | 0,025 |
| | 5 | 17,5 | 129,3055 | 9,974688456 | 0,016 |
| | 5 | 22,5 | 161,6785 | 8,335238984 | 0,011 |
| | 5 | 27,5 | 194,0515 | 7,099243389 | 0,008 |
| | 5 | 32,5 | 226,4245 | 6,155888958 | 0,006 |
| 3 | 5 | 2,5 | 48,1865 | 15,76309278 | 0,060 |
| | 5 | 7,5 | 80,5595 | 13,02465248 | 0,032 |
| | 5 | 12,5 | 112,9325 | 9,951937798 | 0,018 |
| | 5 | 17,5 | 145,3055 | 7,786497038 | 0,011 |
| | 5 | 22,5 | 177,6785 | 6,318470063 | 0,007 |
| | 5 | 27,5 | 210,0515 | 5,28880873 | 0,005 |
| | 5 | 32,5 | 242,4245 | 4,5361949 | 0,004 |
| Total | | | | | 0,617 |

Tabel 9 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 3 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,95760794 | 0,145 |
| | 5 | 7,5 | 48,5595 | 15,14600479 | 0,057 |
| | 5 | 12,5 | 80,9325 | 13,44865811 | 0,033 |
| | 5 | 17,5 | 113,3055 | 11,60009173 | 0,021 |
| | 5 | 22,5 | 145,6785 | 9,984069313 | 0,014 |
| | 5 | 27,5 | 178,0515 | 8,667284182 | 0,010 |
| | 5 | 32,5 | 210,4245 | 7,611184526 | 0,008 |
| | 5 | 37,5 | 242,7975 | 6,760597499 | 0,006 |

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Lanjutan Tabel 9 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 3 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 5 | 42,5 | 275,1705 | 6,067812262 | 0,005 |
| | 5 | 47,5 | 307,5435 | 5,49610386 | 0,004 |
| | 5 | 52,5 | 339,9165 | 5,018128581 | 0,003 |
| | 5 | 57,5 | 372,2895 | 4,613624311 | 0,003 |
| | 5 | 62,5 | 404,6625 | 4,26747823 | 0,002 |
| | 5 | 67,5 | 437,0355 | 3,968292728 | 0,002 |
| 2 | 5 | 2,5 | 32,1865 | 15,91096485 | 0,085 |
| | 5 | 7,5 | 64,5595 | 14,4702543 | 0,043 |
| | 5 | 12,5 | 96,9325 | 12,09987216 | 0,025 |
| | 5 | 17,5 | 129,3055 | 9,974688456 | 0,016 |
| | 5 | 22,5 | 161,6785 | 8,335238984 | 0,011 |
| | 5 | 27,5 | 194,0515 | 7,099243389 | 0,008 |
| | 5 | 32,5 | 226,4245 | 6,155888958 | 0,006 |
| | 5 | 37,5 | 258,7975 | 5,420708739 | 0,004 |
| | 5 | 42,5 | 291,1705 | 4,835373767 | 0,003 |
| | 5 | 47,5 | 323,5435 | 4,360120847 | 0,003 |
| | 5 | 52,5 | 355,9165 | 3,967514771 | 0,002 |
| | 5 | 57,5 | 388,2895 | 3,638251073 | 0,002 |
| | 5 | 62,5 | 420,6625 | 3,358455352 | 0,002 |
| | 5 | 67,5 | 453,0355 | 3,117948772 | 0,001 |
| 3 | 5 | 2,5 | 48,1865 | 15,76309278 | 0,060 |
| | 5 | 7,5 | 80,5595 | 13,02465248 | 0,032 |
| | 5 | 12,5 | 112,9325 | 9,951937798 | 0,018 |
| | 5 | 17,5 | 145,3055 | 7,786497038 | 0,011 |
| | 5 | 22,5 | 177,6785 | 6,318470063 | 0,007 |
| | 5 | 27,5 | 210,0515 | 5,28880873 | 0,005 |
| | 5 | 32,5 | 242,4245 | 4,5361949 | 0,004 |
| | 5 | 37,5 | 274,7975 | 3,965625956 | 0,003 |
| | 5 | 42,5 | 307,1705 | 3,519703344 | 0,002 |
| | 5 | 47,5 | 339,5435 | 3,162330776 | 0,002 |
| | 5 | 52,5 | 371,9165 | 2,86989016 | 0,002 |
| | 5 | 57,5 | 404,2895 | 2,626365987 | 0,001 |
| | 5 | 62,5 | 436,6625 | 2,420552732 | 0,001 |
| | 5 | 67,5 | 469,0355 | 2,244393669 | 0,001 |
| Total | | | | | 0,672 |

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Tabel 10 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 5 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 1 | 0,5 | 3,2373 | 15,9998081 | 0,075 |
| | 1 | 1,5 | 9,7119 | 15,99486499 | 0,041 |
| | 1 | 2,5 | 16,1865 | 15,97664619 | 0,030 |
| | 1 | 3,5 | 22,6611 | 15,93757625 | 0,023 |
| | 1 | 4,5 | 29,1357 | 15,87177962 | 0,018 |
| 2 | 1 | 0,5 | 19,2373 | 15,99964693 | 0,026 |
| | 1 | 1,5 | 25,7119 | 15,9905955 | 0,020 |
| | 1 | 2,5 | 32,1865 | 15,95760794 | 0,017 |
| | 1 | 3,5 | 38,6611 | 15,88812574 | 0,015 |
| | 1 | 4,5 | 45,1357 | 15,7738595 | 0,013 |
| 3 | 1 | 0,5 | 35,2373 | 15,99923809 | 0,016 |
| | 1 | 1,5 | 41,7119 | 15,97989355 | 0,014 |
| | 1 | 2,5 | 48,1865 | 15,91096485 | 0,012 |
| | 1 | 3,5 | 54,6611 | 15,7707907 | 0,011 |
| | 1 | 4,5 | 61,1357 | 15,55039514 | 0,010 |
| 4 | 1 | 0,5 | 51,2373 | 15,99782987 | 0,012 |
| | 1 | 1,5 | 57,7119 | 15,9440925 | 0,010 |
| | 1 | 2,5 | 64,1865 | 15,76309278 | 0,009 |
| | 1 | 3,5 | 70,6611 | 15,42424139 | 0,008 |
| | 1 | 4,5 | 77,1357 | 14,94126965 | 0,007 |
| Total | | | | | 0,386 |

Tabel 11 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|-------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,97664619 | 0,145 |
| | 5 | 7,5 | 48,5595 | 15,48552288 | 0,059 |
| | 5 | 12,5 | 80,9325 | 14,2863764 | 0,034 |
| | 5 | 17,5 | 113,3055 | 12,77068507 | 0,023 |
| | 5 | 22,5 | 145,6785 | 11,29040211 | 0,016 |
| | 5 | 27,5 | 178,0515 | 9,988821966 | 0,012 |
| | 5 | 32,5 | 210,4245 | 8,889341039 | 0,009 |

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Lanjutan Tabel 11 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 35 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 2 | 5 | 2,5 | 32,1865 | 15,95760794 | 0,085 |
| | 5 | 7,5 | 64,5595 | 15,14600479 | 0,045 |
| | 5 | 12,5 | 96,9325 | 13,44865811 | 0,028 |
| | 5 | 17,5 | 129,3055 | 11,60009173 | 0,018 |
| | 5 | 22,5 | 161,6785 | 9,984069313 | 0,013 |
| | 5 | 27,5 | 194,0515 | 8,667284182 | 0,009 |
| | 5 | 32,5 | 226,4245 | 7,611184526 | 0,007 |
| 3 | 5 | 2,5 | 48,1865 | 15,91096485 | 0,060 |
| | 5 | 7,5 | 80,5595 | 14,4702543 | 0,035 |
| | 5 | 12,5 | 112,9325 | 12,09987216 | 0,022 |
| | 5 | 17,5 | 145,3055 | 9,974688456 | 0,014 |
| | 5 | 22,5 | 177,6785 | 8,335238984 | 0,010 |
| | 5 | 27,5 | 210,0515 | 7,099243389 | 0,007 |
| | 5 | 32,5 | 242,4245 | 6,155888958 | 0,005 |
| 4 | 5 | 2,5 | 64,1865 | 15,76309278 | 0,046 |
| | 5 | 7,5 | 96,5595 | 13,02465248 | 0,027 |
| | 5 | 12,5 | 128,9325 | 9,951937798 | 0,016 |
| | 5 | 17,5 | 161,3055 | 7,786497038 | 0,010 |
| | 5 | 22,5 | 193,6785 | 6,318470063 | 0,007 |
| | 5 | 27,5 | 226,0515 | 5,28880873 | 0,005 |
| | 5 | 32,5 | 258,4245 | 4,5361949 | 0,004 |
| Total | | | | | 0,769 |

Tabel 12 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 5 | 2,5 | 16,1865 | 15,97664619 | 0,145 |
| | 5 | 7,5 | 48,5595 | 15,48552288 | 0,059 |
| | 5 | 12,5 | 80,9325 | 14,2863764 | 0,034 |
| | 5 | 17,5 | 113,3055 | 12,77068507 | 0,023 |
| | 5 | 22,5 | 145,6785 | 11,29040211 | 0,016 |
| | 5 | 27,5 | 178,0515 | 9,988821966 | 0,012 |
| | 5 | 32,5 | 210,4245 | 8,889341039 | 0,009 |
| | 5 | 37,5 | 242,7975 | 7,971375558 | 0,007 |
| | 5 | 42,5 | 275,1705 | 7,204328015 | 0,005 |

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Lanjutan Tabel 12 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m ²) | ΔP (kN/m ²) | S (m) |
|--------------|-------|---------|-------------------------|---------------------------------|-------|
| 1 | 5 | 47,5 | 307,5435 | 6,559393075 | 0,005 |
| | 5 | 52,5 | 339,9165 | 6,012602132 | 0,004 |
| | 5 | 57,5 | 372,2895 | 5,544882372 | 0,003 |
| | 5 | 62,5 | 404,6625 | 5,141286544 | 0,003 |
| | 5 | 67,5 | 437,0355 | 4,790127026 | 0,002 |
| 2 | 5 | 2,5 | 32,1865 | 15,95760794 | 0,085 |
| | 5 | 7,5 | 64,5595 | 15,14600479 | 0,045 |
| | 5 | 12,5 | 96,9325 | 13,44865811 | 0,028 |
| | 5 | 17,5 | 129,3055 | 11,60009173 | 0,018 |
| | 5 | 22,5 | 161,6785 | 9,984069313 | 0,013 |
| | 5 | 27,5 | 194,0515 | 8,667284182 | 0,009 |
| | 5 | 32,5 | 226,4245 | 7,611184526 | 0,007 |
| | 5 | 37,5 | 258,7975 | 6,760597499 | 0,005 |
| | 5 | 42,5 | 291,1705 | 6,067812262 | 0,004 |
| | 5 | 47,5 | 323,5435 | 5,49610386 | 0,004 |
| | 5 | 52,5 | 355,9165 | 5,018128581 | 0,003 |
| | 5 | 57,5 | 388,2895 | 4,613624311 | 0,003 |
| | 5 | 62,5 | 420,6625 | 4,26747823 | 0,002 |
| | 5 | 67,5 | 453,0355 | 3,968292728 | 0,002 |
| 3 | 5 | 2,5 | 48,1865 | 15,91096485 | 0,060 |
| | 5 | 7,5 | 80,5595 | 14,4702543 | 0,035 |
| | 5 | 12,5 | 112,9325 | 12,09987216 | 0,022 |
| | 5 | 17,5 | 145,3055 | 9,974688456 | 0,014 |
| | 5 | 22,5 | 177,6785 | 8,335238984 | 0,010 |
| | 5 | 27,5 | 210,0515 | 7,099243389 | 0,007 |
| | 5 | 32,5 | 242,4245 | 6,155888958 | 0,005 |
| | 5 | 37,5 | 274,7975 | 5,420708739 | 0,004 |
| | 5 | 42,5 | 307,1705 | 4,835373767 | 0,003 |
| | 5 | 47,5 | 339,5435 | 4,360120847 | 0,003 |
| | 5 | 52,5 | 371,9165 | 3,967514771 | 0,002 |
| | 5 | 57,5 | 404,2895 | 3,638251073 | 0,002 |
| | 5 | 62,5 | 436,6625 | 3,358455352 | 0,002 |
| | 5 | 67,5 | 469,0355 | 3,117948772 | 0,001 |
| 4 | 5 | 2,5 | 64,1865 | 15,76309278 | 0,046 |
| | 5 | 7,5 | 96,5595 | 13,02465248 | 0,027 |
| | 5 | 12,5 | 128,9325 | 9,951937798 | 0,016 |

Lampiran 3 Hasil Rekapitulasi Perhitungan Penurunan Model Geometri Metode Terzaghi

Lanjutan Tabel 12 Hasil Rekapitulasi Perhitungan Penurunan Timbunan 4 m Kedalaman Tanah 70 m

| Timbunan (m) | H (m) | Hdr (m) | Po (kN/m²) | ΔP (kN/m²) | S (m) |
|---------------------|--------------|----------------|------------------------------|------------------------------|--------------|
| 4 | 5 | 17,5 | 161,3055 | 7,786497038 | 0,010 |
| | 5 | 22,5 | 193,6785 | 6,318470063 | 0,007 |
| | 5 | 27,5 | 226,0515 | 5,28880873 | 0,005 |
| | 5 | 32,5 | 258,4245 | 4,5361949 | 0,004 |
| | 5 | 37,5 | 290,7975 | 3,965625956 | 0,003 |
| | 5 | 42,5 | 323,1705 | 3,519703344 | 0,002 |
| | 5 | 47,5 | 355,5435 | 3,162330776 | 0,002 |
| | 5 | 52,5 | 387,9165 | 2,86989016 | 0,002 |
| | 5 | 57,5 | 420,2895 | 2,626365987 | 0,001 |
| | 5 | 62,5 | 452,6625 | 2,420552732 | 0,001 |
| | 5 | 67,5 | 485,0355 | 2,244393669 | 0,001 |
| Total | | | | | 0,849 |