

DAFTAR PUSTAKA

- Adi, E. P., & Frana. (2024). *Pengaruh Profitabilitas Dan Risiko Perusahaan Terhadap Penghindaran Pajak*. 9(1), 119–138.
- Aldhirov, Puttri, D., & Rifa, D. (2024). Pengaruh Profitabilitas, Leverage, Intensitas Persediaan Dan Ukuran Perusahaan Terhadap Agresivitas Pajak Pada Perusahaan Energy Yang Terdaftar Di Bursa Efek Tahun 2019-2022. *Prosiding Konferensi Riset Akuntansi Riau*, 2(1), 126–141.
- Amiah Nur, S. (2021). Profitabilitas, Intensitas Modal Dan Penghindaran Pajak : Ukuran Perusahaan Sebagai Variabel Pemoderasi. *Jurnal Literasi Akuntansi*, 6, 63–73.
- Amruddin, Muskananfolo, Febriyanti, E., Isthia, L., Erna, F., & Atik, B. (2022). *Metodologi Penelitian Kuantitatif Dan Kualitatif* (A. Munandar (Ed.)). Media Sains Indonesia.
- Anggie Meyliani, M. E. (2024). *Pengaruh Profitabilitas, Leverage Dan Ukuran Perusahaan Terhadap Tax Avoidance Pada Perusahaan Manufaktur Sektor Barang Konsumsi Subsektor Makanan Dan Minuman Di Bursa Efek Indonesia Periode 2018- 2022*. 10(April), 656–664.
- Anggriantari, C. D., & Purwantini, A. H. (2020). Pengaruh Profitabilitas, Capital Intensity, Inventory Intensity, Dan Leverage Pada Penghindaran Pajak. *Business And Economics Conference In Utilization Of Modern Technology*, 137–153.
- Arliani Dinda, Y. (2023). Pengaruh Kepemilikan Institusional, Transfer Pricing, Dan Faktor Lainnya Terhadap Penghindaran Pajak. *E-Jurnal Akuntansi Tsm*, 3(1), 17–32.
- Aulia, N., & Purwasih, D. (2023). *Pengaruh Kepemilikan Institusional Dan Capital Intensity Terhadap Tax Avoidance Dengan Ukuran Perusahaan Sebagai Variabel Moderasi (Studi Empiris Pada Perusahaan Manufaktur Sektor Property Dan Real Estate Yang Terdaftar Di Bei Tahun 2016-2020)*. 3(2), 395–405.
- Awalia, E. P., & Citradewi, A. (2023). , *Adelina Citradewi*. 5(1), 25–40.

- Awliya, M. (2022). Analisis Profitabilitas (Return On Asset (Roa) Dan Return On Equity (Roe) Pada Pt Sido Muncul Tbk. *Journal Of Economic Education*, 1(1).
- Ayu, D. S. (2021). Pengaruh Profitabilitas, Transfer Pricing Dan Kepemilikan Institusional Terhadap Tax Avoidance (Studi Empiris Pada Perusahaan Sektor Pertambangan Yang Terdaftar Di Bursa Efek Indonesia Tahun 2013 – 2019). *Hita Akuntansi Dan Keuangan*, April, 448–466.
- Azuar, J., Irfan, & Manurung, S. (2014). *Metodologi Penelitian Bisnis Konsep Dan Aplikasi* (F. Zulkarnain (Ed.)). Umsu Press.
- Destriana, F., & Dirman, A. (2022). *Journal Of Applied Business Administration Terhadap Tax Avoidance Dengan Ukuran Perusahaan Sebagai Variabel Moderating (Studi Empiris Pada Perusahaan Sektor*. September, 101–108.
- Dowling, J. (1975). Organizational Legitimacy: Social Values And Organizational Behavior Between The Organizations Seek To Establish Congruence. *Journal Digital Publishing*, 18(1), 122–136.
- Erlitasari, T., Pahala, I., & Ultaminingtyas, T. H. (2022). Pengaruh Profitabilitas, Tingkat Utang, Intensitas Aset Tetap & Ukuran Perusahaan Terhadap Manajemen Pajak. *Jurnal Akuntansi Perpajakan Dan Auditing*, 3(3), 534–551. <https://doi.org/10.30605/ja.v3i3.12345>
- Fitriani, S. (2021). *Analisis Rasio Profitabilitas Dalam Menilai Kinerja Keuangan Perusahaan Pada Pt. Pelabuhan Indonesia I (Persero) Medan*. 57–68.
- Ghozali, I. (2021). *Aplikasi Analisis Multivariate Dengan Program Ibm Spss 26* (I. Ghozali (Ed.); 10 Ed.). Badan Penerbit Universitas Diponegoro.
- Gultom, J. (2021). Pengaruh Profitabilitas, Leverage, Dan Likuiditas. *Jurnal Akuntansi Berkelanjutan Indonesia*, 4(2), 239–253.
- Harahap Syafri, S. (2009). *Analisa Kritis Atas Laporan Keuangan*. Raja Grafindo Persada.
- Hutapea, I. V. R., & Herawaty, V. (2020). *Pengaruh Manajemen Laba, Leverage Dan Profitabilitas Terhadap Tax Avoidance Dengan Ukuran Perusahaan*

Sebagai Variabel Moderasi (Studi Empiris Pada Perusahaan Sektor Manufaktur Yang Terdaftar Di Bursa Efek Indonesia. 1, 2–18.

Jaya, I. M. L. M. (2020). *Metode Penelitian Kuantitatif Dan Kualitatif*. Anak Hebat Indonesia.

Jensen, M. (1976). Heory Of The Firm: Managerial Behavior, Agency Costs And Ownership Structure Michael. *The Corporate Financiers*, 3, 305–360. <https://doi.org/10.1057/9781137341280.0038>

Juliana, D., Arieftiara, D., & Nugraheni, R. (2020). *Pengaruh Intensitas Modal, Pertumbuhan Penjualan, Dan Csr Terhadap Penghindaran Pajak. 1, 1257–1271.*

Kanji, L. (2020). Perencanaan Pajak Dan Beban Pajak Tangguhan Terhadap Manajemen Laba Pada Perusahaan Manufaktur Yang Terdaftar Di Bursa Efek Indonesia. *Bongaya Journal For Research In Accounting*, 2(April), 20–27.

Karlina, A., & Wirajaya, I. G. A. (2024). *Profitabilitas , Leverage , Ukuran Perusahaan , Dan Tax Avoidance Pada Perusahaan Sektor Pertambangan The Effect Of Profitability , Leverage , And Firm Size On Tax Avoidance Before And During The Pandemic Period In Mining Sector Companies Pendahuluan Unda. 1594–1605.* <https://doi.org/10.24843/Eja.2024.V34.I06.P19>

Kasmir. (2013). *Analisis Laporan Keuangan* (1 Ed.). Rajawali Pers.

Kasmir. (2018). *Analisis Laporan Keuangan*. Pt. Raja Grafindo Persada.

Khairunnisa, N. R., Simbolon, A. Y., & Eprianto, I. (2023). *Pengaruh Leverage , Profitabilitas , Good Governance Terhadap Penghindaran Pajak (Tax Avoidance). 2, 2164–2177.*

Kuni, F. (2022). *Corporate Governance, Profitabilitas, Laverage Dan Penghindaran Pajak: Ukuran Perusahaan Sebagai Variabel Moderasi (Studi Empiris Pada Perusahaan Manufaktur Yang Terdaftar Di Bursa Efek Indonesia Tahun 2015-2019).* Ristanti, 15–26. <https://doi.org/10.55587/Jseb.V2i1.31>

- Kurniawan, A., & Gazali, M. (2023). Pengaruh Perencanaan Pajak, Profitabilitas, Dan Leverage Terhadap Nilai Perusahaan Pada Perusahaan Sektor Industri Barang Konsumsi Yang Terdaftar Di Bei Periode 2017-2021. *Jurnal Ilmu Manajemen, Ekonomi Dan Kewirausahaan*, 1(2), 68–77.
- Lestari Ayu Ida, A. W. (2023). *Pengaruh Struktur Modal, Ukuran Perusahaan, Dan Perencanaan Pajak Terhadap Profitabilitas*.
- Mafiah, H. F. (2020). Pengaruh Profitabilitas, Leverage, Dan Ukuran Perusahaan Terhadap Penghindaran Pajak. *Jurnal Ilmu Dan Riset Akuntansi*, 7(2).
- Mangoting, Y. (N.D.). Tax Planning : Sebuah Pengantar Sebagai. *Jurusan Ekonomi Akuntansi, Fakultas Ekonomi -*, 43–53.
- Marlinda, D. E., Titisari, K. H., & Masitoh, E. (2020). Pengaruh Gcg , Profitabilitas , Capital Intensity , Dan Ukuran Perusahaan Terhadap Tax Avoidance. *Journal Of Economics And Business*, 4(1), 39–47. <https://doi.org/10.33087/Ekonomis.V4i1.86>
- Muda, I., Abubakar, E., & Rahmadani. (2020). Pengaruh Ukuran Perusahaan , Profitabilitas , Leverage , Dan Manajemen Laba Terhadap Penghindaran Pajak Dimoderasi Oleh Political Connection. *Jurnal Riset Akuntansi Dan Keuangan*, 8(2), 375–392.
- Muhasor, Ilzamudin, & Iriyadi, D. (2024). Telaah Kritis Metode-Metode Dalam Penelitian Ilmiah. *Jurnal Pendidikan Qouba*, 1, 22–28.
- Muslim, A. B., & Fuadi, A. (2023). *Analisis Penghindaran Pajak Pada Perusahaan Property Dan Real Estate*. 6(1), 824–840.
- Myers, S. C. (1983). *The Capital Structure Puzzle*. Xxxix, 3. <https://doi.org/10.1111/J.1540-6261.1984.Tb03646.X>
- Nirwasita, Durya Agung, N. P. M., & Purwantoro. (2024). *Pengaruh Capital Intensity Terhadap Penghindaran Pajak Dengan Profitabilitas Sebagai Moderasi (Studi Pada Perusahaan Sektor Energi Yang Terdaftar Di Bei Tahun 2020-2023)*. 4, 13190–13203.
- Novriyanti, I., Wahana, W., & Dalam, W. (2020). Faktor-Faktor Yang

Mempengaruhi Penghindaran Pajak. *Journal Of Applied Accounting And Taxation*, 5(1), 24–35.

Nst, N. A., & Sari, W. (2020). Pengaruh Ukuran Perusahaan (Firm Size) Dan Profitabilitas Terhadap Harga Saham Pada Perusahaan Manufaktur Yang Terdaftar Di Bursa Efek Indonesia (Bei). *Jurnal Akuntansi Bisnis Dan Publik*, 11(1), 1–8.

Patmawati, H. B. (2020). *Pengaruh Modal Kerja, Penjualan Dan Likuiditas Terhadap Profitabilitas Pada Perusahaan Yang Terdaftar Di Bursa Efek Indonesia*. 5, 13–29.

Permana, E., Rambe, R. F., & Sani, A. (2023). Jurnal Multimedia Dan Teknologi Informasi Analysis Of The Determination Of Solvency , Tax Avoidance And Company Age On The Cost Of Debt In Manufacturing Companies In The Food And Sub Sector Beverage Year 2016-2021 With Size Company As A Variable Interveni. *Jurnal Multimedia Dan Teknologi Informasi*, 05(2019), 34–44. <https://doi.org/10.54209/Jatilima.V5i02.408>

Pohan Chairil, A. (2018). *Pajak Internasional*. Pt Gramedia Pustaka Utama.

Prabowo, A. A., & Sahlan, R. N. (2021). *Pengaruh Profitabilitas, Leverage, Dan Capital Intensity Terhadap Penghindaran Pajak Dengan Ukuran Perusahaan Sebagai Variabel (Moderating) (Studi Empiris Pada Perusahaan Manufaktur Yang Terdaftar Di Bei Tahun 2015-2019)*. 6(2), 55–74.

Pradana Adhitya Fahrul, W. S. (2023). Fenomena Praktik Penghindaran Pajak Saat Pandemi Covid-19 Pada Perusahaan Property Dan. *Jurnal Akuntansi Dan Keuangan*, 11(1), 21–34. <https://doi.org/10.29103/Jak.V11i1.9500>

Pranaditya, A., Andini, R., & Andika, A. D. (2021). *Profitability Mediated Earning Management And Determined Tax Load Moderated (Case Study On Registered Manufacturing Company On The Indonesia Stock Exchange 2016-2019 Period)*. 2021(4), 1099–1110.

Prananjaya Pranetha Kadek, Muntaz Rafida Jihan, G. R. (2023). Interaksi Kepemilikan Institusional Dalam Pengaruh Profitabilitas, Ukuran Perusahaan, Dan Pertumbuhan Penjualan Terhadap Tindakan Penghindaran

Pajak. *Jurnal Audit Dan Akuntansi Fakultas Ekonomi Universitas Tanjungpura*, 12(12), 230–249. <https://doi.org/10.26418/Jaakfe.V12i3.68894>

Prasetyo, A., & Wulandari, S. (2021). Capital Intensity , Leverage , Return On Asset , Dan Ukuran Perusahaan Terhadap Agresivitas Pajak. *Jurnal Akuntansi*, 13, 134–147.

Prastya, A. W., & Merkusiwati, L. A. (2025). The Effect Of Profitability , Leverage , And Company Size On Tax Avoidance. *International Journal Of Management Research And Economics Vol.*, 3(1), 159–173. <https://doi.org/10.54066/Ijmre-Itb.V3i1.2650>

Pratama, I., Siregar, M. A., Amelia, W. R., & Lubis, A. (2024). Cuadernos De Economía Building The Competitiveness Of Textile Creative Economy Msmes. *Cuadernos De Economía*, 47(134), 118–127.

Prihatini, C., & Amin, M. N. (2022). Pengaruh Profitabilitas, Leverage, Ukuran Perusahaan, Intensitas Aset Tetap Dan Kualitas Audit Terhadap Tax Avoidance. *Jurnal Ekonomi Trisakti*, 2(2), 1505–1516. <https://doi.org/10.25105/Jet.V2i2.14669>

Puspitaningrum, H. Y., & Indriani, A. (2021). Pengaruh Tanggung Jawab Sosial Perusahaan Dan Good Corporate Governance Terhadap Profitabilitas Perusahaan Dengan Ukuran Perusahaan Dan Leverage Sebagai Variabel Kontrol. *Diponegoro Journal Of Management*, 10, 1–15.

Puspitasari, D., Radita, F., & Firmansyah, A. (2021). *Penghindaran Pajak Di Indonesia : Profitabilitas , Leverage , Capital Intensity*. 06(02), 138–152.

Putri. (2020). Tax Avoidance Melalui Ukuran Perusahaan Sebagai Variabel Moderasi : Kepemilikan Institusional, Intensitas Modal Dan Umur Perusahaan. *Journal Of Business And Economics (Jbe) Upi Yptk*, 5(1), 11. <https://doi.org/10.35134/Jbeupiyptk.V5i1.93>.

Putty Fanika Aqila Violeta, B. A. (2023). Faktor Yang Berpengaruh Terhadap Penghindaran Pajak dengan Ukuran Perusahaan Sebagai Moderasi Violeta. *Jurnal Ilmiah Mea*, 7(2), 1211–1227.

Rahmadani, E. G., Kusbandiyah, A., Mudjiyanti, R., & Pramurindra, R. (2024).

Pengaruh Firm Size , Roa , Thin Capitalization Terhadap Penghindaran Pajak Dengan Kepemilikan Institusional Sebagai Variabel Moderasi. *Journal Of Accounting And Finance Management (Jafm)*, 5(3), 439–455. <https://doi.org/https://dinastires.org/jafm>, Vol. 5, No. 3, July 2 Doi: <https://doi.org/10.38035/jafm>.

Rahmawati, D., & Nani, D. A. (2021). Pengaruh Profitabilitas, Ukuran Perusahaan, Dan Tingkat Hutang Terhadap Tax Avoidance (Studi Empiris Pada Perusahaan Pertambangan Yang Terdaftar Di Bei Periode Tahun 2016-2019). *Jurnal Akuntansi Dan Keuangan*, 26, 1–11. <https://doi.org/10.23960/Jak.V26i1.246>

Rananda, S. (2023). *Pengaruh Kepemilikan Institusional, Kepemilikan Manajerial, Dan Kompensasi Rugi Fiskal Terhadap Penghindaran Pajak*. 6(1), 95–104.

Rasyid, N. A., Amor, M., & Khasanah, U. (2023). *Intensitas Modal, Pertumbuhan Penjualan, Ukuran Perusahaan Dan Penghindaran Pajak Nida*. 2, 2970–2986.

Rifani, R. A., & Lestari, I. A. (2022). Pengaruh Pemahaman Perpajakan Dan E-Filling Terhadap Kepatuhan Wajib Pajak Pribadi Pada Kpp Pratama Makassar Utara. *Jurnal Riset Perpajakan*, 1(2), 20–26.

Rofiah Chusnul, B. B. (2020). *Qualitative Methods : Simple Research With Triangulation Theory Design*. 18–28.

Rosandi, A. D. (2022). *Pengaruh Profitabilitas , Inventory Intensity Terhadap Tax Avoidance Dengan Kepemilikan Institusional Sebagai Pemoderasi*. 08(1), 19–35.

Saputra, A. (2020). Analisis Penerapan Perencanaan Pajak (Tax Planning) Dalam Upaya Penghematan Beban Pajak Penghasilan Badan Pada Pt Dcm Tahun 2017. *Jurnal Pajak Vokasi*, 1(2), 102–111.

Sari Nofita Fitria, K. I. (2023). *Analisa Komparasi Sebelum Dan Sesudah Implementasi Undang-Undang Harmonisasi Peraturan Perpajakan (Uu Hpp) Pada Penerimaan Pajak Penghasilan Youtuber Indonesia*. 01(02), 64–75.

- Sekaran Uma, B. R. (2021). *Metode Penelitian Untuk Bisnis* (Anita Nur Hanifah (Ed.)). Salemba Empat.
- Selviana, D., & Fidiana. (2023). *Pengaruh Leverage , Profitabilitas , Dan Ukuran Perusahaan Terhadap Tax Avoidance*. 1–15.
- Siboro Efrida, S. F. H. (2020). Pengaruh Profitabilitas , Leverage , Dan Capital Intensity Terhadap Tax Avoidance Pada Perusahaan Property Dan Real Estate Yang Terdaftar Di Bursa Efek Indonesia Tahun 2016-2019. *Jurnal Akuntansi*, 21(1), 21–36.
- Siregar, S. A. (2024). *Kumpulan Jurnal Terakreditasi Sinta (Akuntansi Pajak)*.
- Sitti, H., Anwar, A., Ilma, W., & Hasdiansa. (2024). *Pengantar Metodologi Penelitian Bisnis* (Ahmad Bairizki (Ed.)). Seval Literindo Kreasi.
- Suandy Erly. (2002). *Penghindaran Pajak* (6 Ed.). Salemba Empat.
- Subhaktiyasa, P. G. (2024). Menentukan Populasi Dan Sampel: Pendekatan Metodologi Penelitian Kuantitatif Dan Kualitatif. *Jurnal Ilmiah Profesi Pendidikan*, 9, 2721–2731.
- Suyanto, K. T. (2022). Profitabilitas , Pertumbuhan Penjualan , Leverage ,. *Jurnal Manajemen Terapan Dan Keuangan*, 11(04), 820–832.
- Tarmizi Achmad, P. H. D. (2022). Pengaruh Kepemilikan Institusional, Kepemilikan Keluarga, Dan Thin Capitalization Terhadap Penghindaran Pajak. *Jurnal Perspektif Manajerial Dan Kewirausahaan*, 3(1), 47–61.
- Thirza, S., & Lukman, H. (2026). *Pengaruh Profitabilitas , Leverage , Ukuran Perusahaan , Dan Komisaris Independen Terhadap Tax Avoidance Pada Perusahaan Consumer Goods Yang Terdaftar Di Bei Tahun. 1*, 1–13.
- Utomo, A. B., & Fitria, G. N. (2020). Ukuran Perusahaan Memoderasi Pengaruh Capital Intensity Dan Profitabilitas Terhadap Agresivitas Pajak. *Jurnal Bisnis Dan Manajemen*, 10(2), 231–246.
- Wage Sunarto, H. B. (2022). *Pengaruh Ekuitas, Profitabilitas, Dan Leverage*

Terhadap Pertumbuhan Laba Perusahaan Di Bursa Efek Indonesia. 6(2), 51–60.

Wahyuni, F., & Pramudita, N. (2024). *Pengungkapan Corporate Social Responsibility , Intellectual Capital , Nilai Perusahaan Dan Ukuran Perusahaan Pada Perusahaan Pertambangan. 8(1).* <https://doi.org/10.18196/Rabin.V8i1.22175>

Watts L Ross, Z. L. J. (1986). Positive Accounting Theory: A Ten Year Perspective. *The Accounting, 65.*

Widagdo, R. A., Kalbuana, N., & Yanti, D. R. (2020). Pengaruh Capital Intensity, Ukuran Perusahaan, Dan Leverage Terhadap Tax Avoidance Pada Perusahaan Yang Terdaftar Di Jakarta Islamic Index. *Jurnal Riset Akuntansi Politala, 3(2), 46–59.*

Wiliyanti, J., Kusbandiyah, A., Hariyanto, E., & Hapsari, I. (2026). *Pengaruh Corporate Social Responsibility , Leverage Dan Profitabilitas Terhadap Penghindaran Pajak Dengan Ukuran Perusahaan Sebagai Variabel Moderasi. 6(6), 3265–3280.*

Wulandari, S., Oktaviani, R. M., Srimindarti, C., Ali, M., & Poerwati, R. T. (2026). *Peran Ukuran Perusahaan Dalam Memoderasi Penghindaran Pajak. 13(1), 110–126.* <https://doi.org/10.52859/Jba.V13i1.855>

Yuniarti, N., Elvis Nopriyanti, S., & Dewi Novita, S. (2020). Pengaruh Kepemilikan Institusional Dan Dewan Komisaris Independen Terhadap Tax Avoidance Pada Perusahaan Lq-45 Yang Terdaftar Di Bei Periode 2015-2017. *Jurnal Akuntansi, Keuangan Dan Teknologi Informasi Akuntansi, 1(1), 97–109.*

Z Harmaizar. (2006). *Menggali Potensi Wirausaha.* Cv. Dian Anugerah Prakasa.

Zainuddin, Z., & Anfas, A. (2021). Pengaruh Profitabilitas, Leverage, Kepemilikan Institusional Dan Capital Intensity Terhadap Penghindaran Pajak Di Bursa Efek Indonesia. *Jurnal Ekonomi, Publik, Dan Akuntansi (Jepa) , 3 (2), 85–102.*

Zoebar, K. Y., & Miftah, D. (2020). Pengaruh Corporate Social Responsibility,

Capital Intensity Dan Kualitas Audit Terhadap Penghindaran Pajak. *Jurnal Magister Akuntansi Trisakti*, 7(1), 25–40. <https://doi.org/10.25105/jmat.v7i1.6315>





Lampiran 1		
Daftar Perusahaan Pertambangan Yang Terdaftar Di BEI 2020-2024		
No	Kode	Nama Perusahaan
1	ADRO	PT. Adaro Energy Tbk
2	AIMS	PT. Akbar Indo Makmur Stimec Tbk
3	ARII	PT. Atlas Resources Tbk
4	BOSS	PT. Borneo Olah Sarana Sukses Tbk
5	BSSR	PT. Baramulti Suksessarana Tbk
6	BUMI	PT. Bumi Resources Tbk
7	BYAN	PT. Bayan Resources Tbk
8	DSSA	PT. Dian Swastatika Sentosa Tbk
9	GEMS	PT. Golden Energy Mines Tbk
10	GTBO	PT. Garda Tujuh Buana Tbk
11	HRUM	PT. Harum Energy Tbk
12	INDY	PT. Indika Energy Tbk
13	ITMG	PT. Indo Tambangraya Megah Tbk
14	KKGI	PT. Resource Alam Indonesia Tbk
15	MBAP	PT. Mitrabara Adiperdana Tbk
16	PTBA	PT. Bukit Asam Tbk
17	SMMT	PT. Golden Eagle Energy Tbk
18	TOBA	PT. TBS Energi Utama Tbk
19	TRAM	PT. Trada Alam Mineral Tbk
20	BBRM	PT. Pelayaran Nasional Bina Buana Raya Tbk
21	BESS	PT. Batulicin Nusantara Maritim Tbk
22	CANI	PT. Capitol Nusantara Indonesia Tbk
23	CNKO	PT. Eksploitasi Energi Indonesia Tbk
24	DWGL	PT. Dwi Guna Laksana Tbk
25	FIRE	PT. Alfa Energi Investama Tbk
26	MBSS	PT. Mitrahahtera Segara Sejati Tbk
27	PSSI	PT. Pelita Samudera Shipping Tbk
28	PTIS	PT. Indo Straits Tbk
29	RIGS	PT. Rig Tenders Indonesia Tbk
30	SGER	PT. Sumber Global Energy Tbk
31	TCPI	PT. Transcoal Pacific Tbk
32	TEBE	PT. Dana Brata Luhur Tbk
33	TPMA	PT. Trans Power Marine Tbk
34	COAL	PT Black Diamond Resources Tbk
35	BIPI	PT. Astrindo Nusantara Infrastruktur Tbk
36	ENRG	PT. Energi Mega Persada Tbk
37	MEDC	PT. Medco Energi Internasional Tbk

38	MITI	PT. Mitra Investindo Tbk
39	SUGI	PT. Sugih Energy Tbk
40	SURE	PT. Super Energy Tbk
41	MDKA	PT. Merdeka Copper Gold Tbk
42	PSAB	PT. J Resources Asia Pasifik Tbk
43	SQMI	PT. Wilton Makmur Indonesia Tbk
44	BAJA	PT. Saranacentral Bajatama Tbk
45	BTON	PT. Betonjaya Manunggal Tbk
46	CTBN	PT. Citra Tubindo Tbk
47	GDST	PT. Gunawan Dianjaya Steel Tbk
48	GGRP	PT. Gunung Raja Paksi Tbk
49	HKMU	PT. HK Metals Utama Tbk
50	ISSP	PT. Steel Pipe Industry of Indonesia Tbk
51	KRAS	PT. Krakatau Steel (Persero) Tbk
52	LMSH	PT. Lionmesh Prima Tbk
53	OPMS	PT. Optima Prima Metal Sinergi Tbk
54	ANTM	PT. Aneka Tambang Tbk
55	DKFT	PT. Central Omega Resources Tbk
56	IFSH	PT. Ifishdeco Tbk
57	INCO	PT. Vale Indonesia Tbk
58	TBMS	PT. Tembaga Mulia Semanan Tbk
59	ALKA	PT. Alakasa Industrindo Tbk
60	ALMI	PT. Alumindo Light Metal Industry Tbk
61	CITA	PT. Cita Mineral Investindo Tbk
62	INAI	PT. Indal Aluminium Industry Tbk
63	BRMS	PT. Bumi Resources Minerals Tbk
64	AADI	PT Adaro Andalan Indonesia Tbk
65	ADMR	Adaro Minerals Indonesia Tbk
66	AKRA	AKR Corporindo Tbk.
67	ALII	PT Ancara Logistics Indonesia Tbk
68	APEX	Apexindo Pratama Duta Tbk
69	ARTI	Ratu Prabu Energi Tbk
70	ATLA	PT Atlantis Subsea Indonesia Tbk
71	BSML	Bintang Samudera Mandiri Lines Tbk
72	BULL	Buana Lintas Lautan Tbk
73	CBRE	PT Cakra Buana Resources Energi Tbk
74	CGAS	PT Citra Nusantara Gemilang Tbk.
75	CUAN	PT Petrindo Jaya Kreasi Tbk
76	DEWA	Darma Henwa Tbk
77	DOID	Delta Dunia Makmur Tbk
78	ELSA	Elnusa Tbk

79	FWCT	PT Wijaya Cahaya Timber Tbk
80	GTSI	GTS Internasional Tbk
81	HILL	PT Hillcon Tbk
82	HITS	Humpuss Intermoda Transportasi Tbk
83	HUMI	PT Humpuss Maritim Internasional Tbk
84	INPS	Indah Prakasa Sentosa Tbk
85	KOPI	Mitra Energi Persada Tbk
86	LEAD	Logindo Samudramakmur Tbk
87	MAHA	PT Mandiri Herindo Adiperkasa Tbk
88	MCOL	Prima Andalan Mandiri Tbk
89	MKAP	PT Multikarya Asia Pasifik Raya Tbk
90	MTFN	Capitalinc Investment Tbk
91	MYOH	Samindo Resources Tbk
92	PGAS	Perusahaan Gas Negara Tbk

Lampiran 2		
Daftar Perusahaan Pertambangan Yang Termasuk Sampel 2020-2024		
1	ADRO	PT. Adaro Energy Tbk
2	BSSR	PT. Baramulti Suksessarana Tbk
3	BYAN	PT. Bayan Resources Tbk
4	GEMS	PT. Golden Energy Mines Tbk
5	HRUM	PT. Harum Energy Tbk
6	ITMG	PT. Indo Tambangraya Megah Tbk
7	MBAP	PT. Mitrabara Adiperdana Tbk
8	PTBA	PT. Bukit Asam Tbk
9	TOBA	PT. TBS Energi Utama Tbk
10	BESS	PT. Batulicin Nusantara Maritim Tbk
11	DWGL	PT. Dwi Guna Laksana Tbk
12	PSSI	PT. Pelita Samudera Shipping Tbk
13	SGER	PT. Sumber Global Energy Tbk
14	TCPI	PT. Transcoal Pacific Tbk
15	TPMA	PT. Trans Power Marine Tbk
16	BIPI	PT. Astrindo Nusantara Infrastruktur Tbk
17	ENRG	PT. Energi Mega Persada Tbk

18	MDKA	PT. Merdeka Copper Gold Tbk
19	ISSP	PT. Steel Pipe Industry of Indonesia Tbk
20	ANTM	PT. Aneka Tambang Tbk
21	IFSH	PT. Ifishdeco Tbk
22	INCO	PT. Vale Indonesia Tbk
23	TBMS	PT. Tembaga Mulia Semanan Tbk
24	ALKA	PT. Alakasa Industrindo Tbk
25	CITA	PT. Cita Mineral Investindo Tbk
26	BRMS	PT. Bumi Resources Minerals Tbk



Kriteria Penentuan Sampel Perusahaan Pertambangan Yang Terdaftar di Bursa Efek Indonesia 2020-2024																
			Mempublikasi <i>Annual Report</i>					Perusahaan yang mendapatkan laba					IPO	Subsektor	Keterangan	Sampel
			2020	2021	2022	2023	2024	2020	2021	2022	2023	2024				YA/TIDAK
No	Kode	Nama Perusahaan														
1	ADRO	PT. Adaro Energy Tbk	P	P	P	P	P	P	P	P	P	P	16 Juli 2008	Sub-sektor Batubara		YA
2	AIMS	PT. Akbar Indo Makmur Stimec Tbk	P	P	P	P	P	O	P	P	P	O	20 Juli 2001	Sub-sektor Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
3	ARII	PT. Atlas Resources Tbk	P	P	P	P	P	O	P	P	P	P	08 November 2011	Sub-sektor Batubara		YA
4	BOSS	PT. Borneo Olah Sarana Sukses Tbk	P	P	P	O	O	O	O	P	O	O	15 Februari 2018	Sub-sektor Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
5	BSSR	PT. Baramulti Suksessarana Tbk	P	P	P	P	P	P	P	P	P	P	08 November 2012	Sub-sektor Batubara		YA
6	BUMI	PT. Bumi Resources Tbk	P	P	P	P	P	O	P	P	P	P	30 Juli 1990	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
7	BYAN	PT. Bayan Resources Tbk	P	P	P	P	P	P	P	P	P	P	12 Agustus 2008	Sub-sektor Batubara		YA
8	DSSA	PT. Dian Swastatika Sentosa Tbk	P	P	P	P	P	O	P	P	P	P	10 Desember 2009	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
9	GEMS	PT. Golden Energy Mines Tbk	P	P	P	P	P	P	P	P	P	P	17 November 2011	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
10	GTBO	PT. Garda Tujuh Buana Tbk	P	P	P	P	P	O	O	P	P	O	09 Juli 2009	Sub-sektor Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
11	HRUM	PT. Harum Energy Tbk	P	P	P	P	P	P	P	P	P	P	06 Oktober 2010	Sub-sektor Batubara		YA

12	INDY	PT. Indika Energy Tbk	P	P	P	P	P	P	O	P	P	P	11 Juni 2008	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
13	ITMG	PT. Indo Tambangraya Megah Tbk	P	P	P	P	P	P	P	P	P	P	18 Desember 2007	Sub-sektor Batubara		YA
14	KKGI	PT. Resource Alam Indonesia Tbk	P	P	P	P	P	O	P	P	P	P	01 Juli 1991	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
15	MBA P	PT. Mitrabara Adiperdana Tbk	P	P	P	P	P	P	P	P	P	P	10 Juli 2014	Sub-sektor Batubara		YA
16	PTBA	PT. Bukit Asam Tbk	P	P	P	P	P	P	P	P	P	P	23 Desember 2002	Sub-sektor Batubara		YA
17	SMM T	PT. Golden Eagle Energy Tbk	P	P	P	P	P	O	P	P	P	P	01 Desember 2007	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
18	TOBA	PT. TBS Energi Utama Tbk	P	P	P	P	P	P	P	P	P	P	06 Juli 2012	Sub-sektor Batubara		YA
19	TRAM	PT. Trada Alam Mineral Tbk	P	O	O	O	O	P	O	O	O	O	29 Agustus 2008	Sub-sektor Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
20	BBR M	PT. Pelayaran Nasional Bina Buana Raya Tbk	P	P	P	P	P	O	P	P	P	P	09 Januari 2013	Jasa Angkutan Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
21	BESS	PT. Batulicin Nusantara Maritim Tbk	P	P	P	P	P	P	P	P	P	P	09 Maret 2020	Jasa Angkutan Batubara		YA
22	CANI	PT. Capitol Nusantara Indonesia Tbk	P	P	O	O	P	P	P	O	O	O	15 Januari 2010	Jasa Angkutan Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
23	CNK O	PT. Eksploitasi Energi Indonesia Tbk	P	P	P	P	P	O	O	O	O	P	19 Juli 2001	Sub-sektor Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
24	DWGL	PT. Dwi Guna Laksana Tbk	P	P	P	P	P	P	P	P	P	P	20 Oktober 2017	Jasa Angkutan Batubara		YA
25	FIRE	PT. Alfa Energi Investama Tbk	P	P	P	P	P	P	O	O	P	P	09 Juni 2017	Jasa Angkutan Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK

26	MBSS	PT. Mitrabahtera Segara Sejati Tbk	P	P	P	P	P	O	P	P	P	P	06 April 2011	Jasa Angkutan Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
27	PSSI	PT. Pelita Samudera Shipping Tbk	P	P	P	P	P	P	P	P	P	P	20 Oktober 2017	Jasa Angkutan Batubara		YA
28	PTIS	PT. Indo Straits Tbk	P	O	O	P	P	P	O	O	P	P	12 Juli 2011	Jasa Angkutan Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
29	RIGS	PT. Rig Tenders Indonesia Tbk	P	P	P	P	P	P	O	P	P	P	15 Februari 1990	Jasa Angkutan Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
30	SGER	PT. Sumber Global Energy Tbk	P	P	P	P	P	P	P	P	P	P	27 Juli 2020	Jasa Angkutan Batubara		YA
31	TCPI	PT. Transcoal Pacific Tbk	P	P	P	P	P	P	P	P	P	P	08 November 2017	Jasa Angkutan Batubara		YA
32	TEBE	PT. Dana Brata Luhur Tbk	P	P	P	P	P	O	P	P	P	P	21 Oktober 2019	Jasa Angkutan Batubara	Tidak mendapatkan laba sebelum pajak	TIDAK
33	TPM A	PT. Trans Power Marine Tbk	P	P	P	P	P	P	P	P	P	P	19 Februari 2013	Jasa Angkutan Batubara		YA
34	COAL	PT Black Diamond Resources Tbk	O	O	P	P	P	O	O	P	P	P	08 Oktober 2019	Sub-sektor Batubara	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
35	BIPI	PT. Astrindo Nusantara Infrastruktur Tbk	P	P	P	P	P	P	P	P	P	P	11 Februari 2010	Sub-sektor Minyak & Gas		YA
36	ENRG	PT. Energi Mega Persada Tbk	P	P	P	P	P	P	P	P	P	P	07 Juni 2004	Sub-sektor Minyak & Gas		YA
37	MED C	PT. Medco Energi Internasional Tbk	P	P	P	P	P	P	P	O	P	P	12 Oktober 1994	Sub-sektor Minyak & Gas	Tidak mendapatkan laba sebelum pajak	TIDAK
38	MITI	PT. Mitra Investindo Tbk	P	P	P	P	P	O	P	P	P	P	16 Juli 1997	Sub-sektor Minyak & Gas	Tidak mendapatkan laba sebelum pajak	TIDAK

39	SUGI	PT. Sugih Energy Tbk	O	O	O	O	O	O	O	O	O	O	05 November 2009	Sub-sektor Minyak & Gas	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
40	SURE	PT. Super Energy Tbk	P	P	P	P	P	O	O	O	O	O	05 Oktober 2018	Sub-sektor Minyak & Gas	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
41	MDK A	PT. Merdeka Copper Gold Tbk	P	P	P	P	P	P	P	P	P	P	19 Juni 2015	Sub-sektor Mineral/Logam		YA
42	PSAB	PT. J Resources Asia Pasifik Tbk	O	P	O	P	P	O	P	O	P	P	22 April 2013	Sub-sektor Mineral/Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
43	SQMI	PT. Wilton Makmur Indonesia Tbk	P	P	P	P	P	O	O	O	O	O	28 November 2007	Sub-sektor Mineral/Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
44	BAJA	PT. Saranacentral Bajatama Tbk	P	P	P	P	P	P	P	O	O	O	21 Desember 2011	Sub-sektor Baja	Tidak mendapatkan laba sebelum pajak	TIDAK
45	BTON	PT. Betonjaya Manunggal Tbk	P	P	P	O	O	P	P	P	O	O	18 Juli 2001	Sub-sektor Baja	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
46	CTBN	PT. Citra Tubindo Tbk	P	P	P	P	P	P	O	O	P	P	28 November 1989	Sub-sektor Baja	Tidak mendapatkan laba sebelum pajak	TIDAK
47	GDST	PT. Gunawan Dianjaya Steel Tbk	P	P	P	O	O	P	P	P	O	O	23 Desember 2009	Sub-sektor Baja	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
48	GGRP	PT. Gunung Raja Paksi Tbk	P	P	P	P	P	O	P	P	P	P	19 September 2019	Sub-sektor Baja	Tidak mendapatkan laba sebelum pajak	TIDAK
49	HKM U	PT. HK Metals Utama Tbk	P	P	P	O	O	P	P	P	O	O	22 Juli 2019	Sub-sektor Logam	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
50	ISSP	PT. Steel Pipe Industry of Indonesia Tbk	P	P	P	P	P	P	P	P	P	P	22 Februari 2013	Sub-sektor Baja		YA

51	KRAS	PT. Krakatau Steel (Persero) Tbk	P	P	P	P	P	P	P	P	O	O	10 November 2010	Sub-sektor Baja	Tidak mendapatkan laba sebelum pajak	TIDAK
52	LMSH	PT. Lionmesh Prima Tbk	P	P	P	P	P	O	O	P	O	O	04 Juni 1990	Sub-sektor Baja	Tidak mendapatkan laba sebelum pajak	TIDAK
53	OPMS	PT. Optima Prima Metal Sinergi Tbk	P	P	P	P	P	P	O	O	O	O	22 Februari 2018	Sub-sektor Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
54	ANTM	PT. Aneka Tambang Tbk	P	P	P	P	P	P	P	P	P	P	27 November 1997	Sub-sektor Mineral/Logam		YA
55	DKFT	PT. Central Omega Resources Tbk	P	P	P	P	P	O	O	P	P	P	21 November 1997	Sub-sektor Mineral/Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
56	IFSH	PT. Ifishdeco Tbk	P	P	P	P	P	P	P	P	P	P	05 Desember 2019	Sub-sektor Mineral/Logam		YA
57	INCO	PT. Vale Indonesia Tbk	P	P	P	P	P	P	P	P	P	P	16 Mei 1990	Sub-sektor Mineral/Logam		YA
58	TBMS	PT. Tembaga Mulia Semanan Tbk	P	P	P	P	P	P	P	P	P	P	28 November 1992	Sub-sektor Logam		YA
59	ALKA	PT. Alakasa Industrindo Tbk	P	P	P	P	P	P	P	P	P	P	01 Agustus 1990	Sub-sektor Logam		YA
60	ALMI	PT. Alumindo Light Metal Industry Tbk	P	P	P	P	P	O	O	O	O	O	02 Januari 1997	Sub-sektor Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
61	CITA	PT. Cita Mineral Investindo Tbk	P	P	P	P	P	P	P	P	P	P	20 Maret 2002	Sub-sektor Mineral/Logam		YA
62	INAI	PT. Indal Aluminium Industry Tbk	P	P	P	P	P	P	P	O	O	O	05 Desember 1994	Sub-sektor Logam	Tidak mendapatkan laba sebelum pajak	TIDAK
63	BRMS	PT. Bumi Resources Minerals Tbk	P	P	P	P	P	P	P	P	P	P	09 Desember 2010	Sub-sektor Mineral/Logam		YA
64	AADI	PT Adaro Andalan Indonesia Tbk	O	O	O	O	O	O	O	O	O	O	05 Desember 2024	Sub-sektor Batubara	Baru tercatat di Bei tahun 2024	TIDAK

65	ADM R	Adaro Minerals Indonesia Tbk	O	O	P	P	P	O	O	P	P	P	03 Januari 2022	Sub-sektor Batubara	Baru tercatat di Bei tahun 2022	TIDAK
66	AKR A	AKR Corporindo Tbk.	O	O	P	P	P	O	O	P	P	P	03 Oktober 1994	Perdagangan & Distribusi Energi	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
67	ALII	PT Ancara Logistics Indonesia Tbk	O	O	O	O	O	O	O	O	O	O	07 Februari 2024	Jasa Logistik Energi	Baru tercatat di Bei tahun 2024	TIDAK
68	APEX	Apexindo Pratama Duta Tbk	P	P	P	P	P	P	O	O	P	P	10 Juli 2002	Sub-sektor Minyak & Gas	Tidak mendapatkan laba sebelum pajak	TIDAK
69	ARTI	Ratu Prabu Energi Tbk	P	P	P	P	P	P	P	O	O	P	30 April 2003	Sub-sektor Minyak & Gas	Tidak mendapatkan laba sebelum pajak	TIDAK
70	ATLA	PT Atlantis Subsea Indonesia Tbk	O	O	O	O	P	O	O	O	O	O	14-Apr-24	Jasa Pertambangan	Baru tercatat di Bei tahun 2022	TIDAK
71	BSML	Bintang Samudera Mandiri Lines Tbk	O	O	P	P	P	O	O	P	P	P	03 Januari 2022	Jasa Angkutan	Baru tercatat di Bei tahun 2022	TIDAK
72	BULL	Buana Lintas Lautan Tbk	P	P	O	P	P	P	P	O	P	P	10 April 2019	Jasa Angkutan	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
73	CBRE	PT Cakra Buana Resources Energi Tbk	O	O	O	O	P	O	O	O	O	O	20 Oktober 2021	Sub-sektor Batubara	Baru tercatat di Bei tahun 2021	TIDAK
74	CGAS	PT Citra Nusantara Gemilang Tbk.	O	O	O	P	P	O	O	O	P	P	11 Januari 2021	Distribusi Gas	Baru tercatat di Bei tahun 2021	TIDAK
75	CUA N	PT Petrindo Jaya Kreasi Tbk	O	O	O	P	P	O	O	O	P	P	18 Oktober 2022	Sub-sektor Batubara	Baru tercatat di Bei tahun 2022	TIDAK
76	DEW A	Darma Henwa Tbk	O	O	P	P	P	O	O	P	P	P	26 September 2007	Jasa Pertambangan	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
77	DOID	Delta Dunia Makmur Tbk	P	P	P	P	P	P	P	O	O	P	15 Juni 2001	Jasa Pertambangan	Tidak mendapatkan laba sebelum pajak	TIDAK

78	ELSA	Elnusa Tbk	P	P	P	P	P	P	P	P	O	P	06 Februari 2008	Sub-sektor Minyak & Gas	Tidak mendapatkan laba sebelum pajak	TIDAK
79	FWC T	PT Wijaya Cahaya Timber Tbk	P	P	O	O	P	P	P	O	O	O	10 Juli 2019	Kehutanan / Kayu	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
80	GTSI	GTS Internasional Tbk	O	O	O	P	P	O	O	O	P	P	21 Desember 2020	Jasa Angkutan	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
81	HILL	PT Hillcon Tbk	O	O	O	P	P	O	O	O	P	P	09 Agustus 2022	Jasa Pertambangan	Baru tercatat di Bei tahun 2022	TIDAK
82	HITS	Humpuss Intermoda Transportasi Tbk	P	P	P	P	P	P	P	O	O	P	15 Desember 1997	Jasa Angkutan	Tidak mendapatkan laba sebelum pajak	TIDAK
83	HUMI	PT Humpuss Maritim Internasional Tbk	O	O	P	P	P	O	O	P	P	P	04 Oktober 2021	Jasa Angkutan	Baru tercatat di Bei tahun 2021	TIDAK
84	INPS	Indah Prakasa Sentosa Tbk	P	P	O	O	P	P	P	O	O	O	18 November 2019	Jasa Pertambangan	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
85	KOPI	Mitra Energi Persada Tbk	P	O	O	P	P	P	O	O	P	P	04 April 2008	Sub-sektor Minyak & Gas	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
86	LEAD	Logindo Samudramakmur Tbk	P	P	O	O	P	P	P	O	O	O	11 Desember 2013	Jasa Angkutan	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK
87	MAHA	PT Mandiri Herindo Adiperkasa Tbk	P	P	P	P	P	P	P	O	O	P	10 November 2014	Jasa Pertambangan	Tidak mendapatkan laba sebelum pajak	TIDAK
88	MCO L	Prima Andalan Mandiri Tbk	O	O	P	P	P	O	O	O	P	P	08 April 2021	Sub-sektor Batubara	Baru tercatat di Bei tahun 2021	TIDAK
89	MKA P	PT Multikarya Asia Pasifik Raya Tbk	P	O	O	P	P	P	O	O	P	P	05 April 2022	Jasa Pertambangan	Baru tercatat di Bei tahun 2022	TIDAK
90	MTF N	Capitalinc Investment Tbk	P	P	P	P	P	O	P	P	P	P	16 Juni 1990	Sub-sektor Minyak &	Tidak mendapatkan laba sebelum pajak	TIDAK

														Gas		
91	MYOH	Samindo Resources Tbk	P	P	P	P	P	P	P	O	P	P	20 Juli 2000	Jasa Pertambangan	Tidak mendapatkan laba sebelum pajak	TIDAK
92	PGAS	Perusahaan Gas Negara Tbk	P	P	P	O	O	P	P	P	O	O	15 Desember 2003	Distribusi Gas	Tidak mempublikasikan annual report/ Tidak Mendapatkan laba sebelum pajak	TIDAK

Populasi Perusahaan Pertambangan yang terdaftar di BEI Periode 2020-2024	92 Perusahaan
Perusahaan Pertambangan yang terdaftar di BEI secara berturut-turut selama periode 2020-2024	80 Perusahaan
Perusahaan yang tidak lengkap mempublikasikan annual report	(10 Perusahaan)
Perusahaan yang tidak mendapatkan laba sebelum pajak berturut-turut	(44 Perusahaan)
Sampel Penelitian	26 Perusahaan
Jumlah Tahun Penelitian	5 Tahun
Jumlah Sampel Penelitian 26 X 5	130 Sampel

LAMPIRAN 4						
Variabel X1: PROFITABILITAS						

N o	Nama Persahaan	Tah un	Kod e	Laba Sebelum Pajak	Total Asset	ROA
1	PT Aneka Tambang	2020	ANT M	Rp 1,641,178,012,000	Rp 31,729,512,995,000	0.05 172
		2021		Rp 3,043,509,000,000	Rp 32,916,154,000,000	0.09 246
		2022		Rp 5,214,771,000,000	Rp 33,637,271,000,000	0.15 503
		2023		Rp 3,854,481,000,000	Rp 42,851,329,000,000	0.08 995
		2024		Rp 4,613,643,000,000	Rp 44,522,654,000,000	0.10 362
2	PT Vale Indonesia Tbk	2020	INC O	Rp 1,470,262,250,000	Rp 32,520,944,900,000	0.04 521
		2021		Rp 3,145,815,085,000	Rp 35,284,782,732,000	0.08 916
		2022		Rp 4,338,908,689,000	Rp 41,814,822,796,000	0.10 376
		2023		Rp 5,468,689,299,000	Rp 45,391,022,487,000	0.12 048
		2024		Rp 1,239,394,100,000	Rp 53,159,196,080,000	0.02 331
3	PT. Adaro Energy Tbk	2020	AD RO	Rp 3,133,248,350,000	Rp 6,381,566,000,000	0.49 098
		2021		Rp 21,207,315,519,000	Rp 7,586,936,000,000	2.79 524
		2022		Rp 70,415,401,089,000	Rp 10,782,307,000,000	6.53 064
		2023		Rp 26,529,805,158,000	Rp 10,472,711,000,000	2.53 323
		2024		Rp 27,216,063,560,000	Rp 6,702,127,000,000	4.06 081
4	PT Bukit Asam Tbk	2020	PTB A	Rp 3,231,685,000,000	Rp 24,056,755,000,000	0.13 434
		2021		Rp 10,358,675,000,000	Rp 36,123,703,000,000	0.28 676
		2022		Rp 16,202,314,000,000	Rp 45,359,207,000,000	0.35 720
		2023		Rp 8,154,313,000,000	Rp 38,765,189,000,000	0.21 035
		2024		Rp 6,259,246,000,000	Rp 41,785,576,000,000	0.14 979
5	PT Merdeka Copper Gold Tbk	2020	MD KA	Rp 789,672,508,450	Rp 13,060,973,263,900	0.06 046
		2021		Rp 809,314,136,150	Rp 18,244,238,651,271	0.04 436
		2022		Rp 1,414,847,020,936	Rp 60,983,828,677,285	0.02 320
		2023		Rp 927,163,904,187	Rp 77,010,548,548,395	0.01 204
		2024		Rp 255,548,704,790	Rp 87,642,264,098,740	0.00 292
6	PT Bumi Resources Minerals Tbk	2020	BR MS	Rp 194,468,031,050	Rp 8,263,414,376,600	0.02 353
		2021		Rp 1,730,719,457,706	Rp 13,989,954,380,094	0.12 371

		202 2		Rp 511,932,674,520	Rp 16,993,165,002,481	0.03 013
		202 3		Rp 270,844,771,269	Rp 17,139,812,924,847	0.01 580
		202 4		Rp 568,871,281,910	Rp 19,326,729,535,350	0.02 943
7	PT Indo Tambangraya Megah Tbk	202 0	ITM G	Rp 1,019,369,650,000	Rp 16,278,737,450,000	0.06 262
		202 1		Rp 8,862,318,941,000	Rp 23,775,564,291,000	0.37 275
		202 2		Rp 24,301,122,952,000	Rp 41,532,624,387,000	0.58 511
		202 3		Rp 9,992,109,456,000	Rp 33,940,070,511,000	0.29 440
		202 4		Rp 8,280,829,435,000	Rp 40,273,513,840,000	0.20 561
8	PT Golden Energy Mines Tbk	202 0	GE MS	Rp 1,786,213,690,350	Rp 11,432,734,598,250	0.15 624
		202 1		Rp 6,575,736,704,557	Rp 11,829,429,070,000	0.55 588
		202 2		Rp 14,137,334,926,624	Rp 17,761,664,513,724	0.79 595
		202 3		Rp 10,595,083,865,175	Rp 20,353,676,520,000	0.52 055
		202 4		Rp 10,639,448,051,510	Rp 20,744,203,950,000	0.51 289
9	PT Pelita Samudera Shipping Tbk	202 0	PSSI	Rp 109,604,050,000	Rp 2,063,044,296,650	0.05 313
		202 1		Rp 1,864,030,815,000	Rp 2,300,678,624,350	0.81 021
		202 2		Rp 5,123,508,045,000	Rp 2,821,424,805,757	1.81 593
		202 3		Rp 1,628,663,331,000	Rp 3,162,665,839,584	0.51 497
		202 4		Rp 1,255,125,000,000	Rp 3,172,298,950,430	0.39 565
1 0	PT TBS Energi Utama Tbk	202 0	TOB A	Rp 591,264,941,700	Rp 10,844,798,607,350	0.05 452
		202 1		Rp 1,233,872,292,677	Rp 12,244,255,782,796	0.10 077
		202 2		Rp 1,804,119,834,302	Rp 14,147,353,261,167	0.12 752
		202 3		Rp 509,627,072,469	Rp 14,704,365,142,464	0.03 466
		202 4		Rp 1,018,790,752,810	Rp 14,956,674,102,080	0.06 812
1 1	PT. Steel Pipe Industry of Indonesia Tbk	202 0	ISSP	Rp 155,068,000,000	Rp 6,076,604,000,000	0.02 552
		202 1		Rp 659,402,000,000	Rp 7,097,322,000,000	0.09 291
		202 2		Rp 393,231,000,000	Rp 7,405,931,000,000	0.05 310
		202 3		Rp 640,584,000,000	Rp 7,971,708,000,000	0.08 036
		202 4		Rp 675,589,000,000	Rp 8,295,427,000,000	0.08 144
1 2	PT. Baramulti Suksessarana Tbk	202 0	BSS R	Rp 573,788,132,650	Rp 3,699,979,940,400	0.15 508
		202 1		Rp 3,769,990,487,202	Rp 6,211,543,780,834	0.60 693

		202 2		Rp 4,857,436,663,925	Rp 6,368,399,213,925	0.76 274
		202 3		Rp 3,422,011,956,402	Rp 6,336,355,790,949	0.54 006
		202 4		Rp 2,872,233,170,910	Rp 6,411,493,536,375	0.44 798
1 3	PT. Bayan Resources Tbk	202 0	BY AN	Rp 5,994,230,840,350	Rp 22,757,136,559,100	0.26 340
		202 1		Rp 23,223,849,710,329	Rp 34,726,639,253,379	0.66 876
		202 2		Rp 46,332,672,569,591	Rp 62,066,013,405,315	0.74 651
		202 3		Rp 25,332,240,278,448	Rp 53,431,733,305,608	0.47 410
		202 4		Rp 20,174,419,522,815	Rp 58,931,565,055,490	0.34 234
1 4	PT. Harum Energy Tbk	202 0	HR UM	Rp 903,546,690,650	Rp 7,006,766,134,800	0.12 895
		202 1		Rp 1,819,889,378,120	Rp 12,479,975,596,131	0.14 582
		202 2		Rp 7,512,294,908,814	Rp 20,116,910,651,736	0.37 343
		202 3		Rp 4,079,926,027,389	Rp 25,334,391,869,496	0.16 104
		202 4		Rp 1,926,286,743,655	Rp 43,084,911,704,620	0.04 471
1 5	PT. Mitrabara Adiperdana Tbk	202 0	MB AP	Rp 525,098,967,600	Rp 2,556,722,083,100	0.20 538
		202 1		Rp 1,839,228,567,621	Rp 3,677,412,944,091	0.50 014
		202 2		Rp 3,628,435,787,106	Rp 4,822,302,985,601	0.75 243
		202 3		Rp 476,780,296,146	Rp 3,560,243,583,450	0.13 392
		202 4		Rp 416,322,669,805	Rp 3,969,309,132,475	0.10 489
1 6	PT. Batulicin Nusantara Maritim Tbk	202 0	BES S	Rp 51,194,844,074	Rp 620,407,533,334	0.08 252
		202 1		Rp 115,531,892,914	Rp 667,408,015,354	0.17 311
		202 2		Rp 58,803,582,752	Rp 773,525,076,552	0.07 602
		202 3		Rp 81,006,518,530	Rp 686,415,160,443	0.11 801
		202 4		Rp 30,056,167,760	Rp 662,130,488,603	0.04 539
1 7	PT. Dwi Guna Laksana Tbk	202 0	DW GL	Rp 14,062,308,000	Rp 703,672,417,000	0.01 998
		202 1		Rp 84,446,123,000	Rp 1,245,705,842,000	0.06 779
		202 2		Rp 16,935,909,000	Rp 1,421,234,992,000	0.01 192
		202 3		Rp 23,509,724,000	Rp 1,844,239,416,000	0.01 275
		202 4		Rp 149,854,292,000	Rp 1,600,005,249,000	0.09 366
1 8	PT. Sumber Global Energy Tbk	202 0	SGE R	Rp 40,597,365,323	Rp 685,998,877,295	0.05 918
		202 1		Rp 270,778,171,010	Rp 1,237,084,547,855	0.21 888

		202 2		Rp 748,250,494,759	Rp 3,370,495,011,962	0.22 200
		202 3		Rp 840,910,489,431	Rp 4,576,848,746,878	0.18 373
		202 4		Rp 810,943,455,658	Rp 4,638,206,457,168	0.17 484
1 9	PT. Transcoal Pacific Tbk	202 0	TCP I	Rp 57,886,000,000	Rp 2,752,211,000,000	0.02 103
		202 1		Rp 85,411,000,000	Rp 2,847,296,000,000	0.03 000
		202 2		Rp 116,698,000,000	Rp 2,809,869,000,000	0.04 153
		202 3		Rp 189,705,000,000	Rp 3,509,253,000,000	0.05 406
		202 4		Rp 93,100,000,000	Rp 3,684,202,000,000	0.02 527
2 0	PT. Trans Power Marine Tbk	202 0	TPM A	Rp 35,999,359,600	Rp 1,457,845,801,350	0.02 469
		202 1		Rp 63,747,684,985	Rp 1,416,289,286,220	0.04 501
		202 2		Rp 236,791,915,746	Rp 2,450,132,808,549	0.09 664
		202 3		Rp 543,952,625,517	Rp 2,993,347,199,907	0.18 172
		202 4		Rp 571,631,569,545	Rp 4,148,813,043,370	0.13 778
2 1	PT. Astrindo Nusantara Infrastruktur Tbk	202 0	BIPI	Rp 496,452,619,300	Rp 18,878,781,022,100	0.02 630
		202 1		Rp 408,693,568,409	Rp 13,605,787,510,405	0.03 004
		202 2		Rp 351,447,891,293	Rp 17,780,436,630,644	0.01 977
		202 3		Rp 676,407,149,313	Rp 27,262,342,048,920	0.02 481
		202 4		Rp 696,954,897,105	Rp 28,285,536,779,095	0.02 464
2 2	PT. Energi Mega Persada Tbk	202 0	ENR G	Rp 1,527,987,939,500	Rp 11,866,883,012,400	0.12 876
		202 1		Rp 1,856,721,690,978	Rp 15,176,163,789,381	0.12 234
		202 2		Rp 2,207,989,269,527	Rp 18,788,011,648,248	0.11 752
		202 3		Rp 1,571,441,163,933	Rp 21,233,529,218,073	0.07 401
		202 4		Rp 1,309,451,546,005	Rp 24,782,799,312,740	0.05 284
2 3	PT. Ifishdeco Tbk	202 0	IFS H	Rp 43,709,603,309	Rp 1,149,320,763,256	0.03 803
		202 1		Rp 195,036,015,786	Rp 1,008,502,142,233	0.19 339
		202 2		Rp 243,411,687,527	Rp 1,091,201,798,908	0.22 307
		202 3		Rp 294,431,269,693	Rp 1,072,483,806,616	0.27 453
		202 4		Rp 143,447,129,299	Rp 1,077,971,015,427	0.13 307
2 4	PT. Tembaga Mulia Semanan Tbk	202 0	TB MS	Rp 81,344,821,350	Rp 2,203,507,106,300	0.03 692
		202 1		Rp 130,520,740,426	Rp 2,100,911,882,362	0.06 213

		2022		Rp 96,834,294,185	Rp 2,121,985,218,257	0.04 563
		2023		Rp 88,254,930,735	Rp 2,220,606,399,336	0.03 974
		2024		Rp 191,874,874,740	Rp 2,507,904,941,185	0.07 651
25	PT. Alakasa Industrindo Tbk	2020	ALK A	Rp 8,177,691,000	Rp 418,630,902,000	0.01 953
		2021		Rp 17,445,033,000	Rp 499,393,053,000	0.03 493
		2022		Rp 48,544,749,000	Rp 638,952,801,000	0.07 598
		2023		Rp 43,295,137,000	Rp 339,743,773,000	0.12 743
		2024		Rp 3,119,747,000	Rp 224,245,664,000	0.01 391
26	PT. Cita Mineral Investindo Tbk	2020	CIT A	Rp 841,881,871,416	Rp 4,140,022,660,450	0.20 335
		2021		Rp 834,992,881,797	Rp 4,305,752,389,646	0.19 392
		2022		Rp 470,453,967,860	Rp 5,213,814,774,459	0.09 023
		2023		Rp 775,768,358,438	Rp 6,224,306,811,460	0.12 464
		2024		Rp 2,606,410,877,955	Rp 7,943,806,720,848	0.32 811

LAMPIRAN 5

Variabel X2: LEVERAGE

N o	Nama Persahaan	Tahun	Kode	Total Utang	Total Ekuitas	DER
1	PT Aneka Tambang	2020	AN TM	Rp 12,690,063,970	Rp 19,039,449,025	0.66 651
		2021		Rp 12,079,056,000	Rp 32,916,154,000	0.36 696
		2022		Rp 9,925,211,000	Rp 33,637,271,000	0.29 507
		2023		Rp 11,685,659,000	Rp 31,165,670,000	0.37 495
		2024		Rp 12,323,139,000	Rp 44,522,645,000	0.27 678
2	PT Vale Indonesia Tbk	2020	INC O	Rp 4,134,493,500	Rp 28,386,451,400	0.14 565
		2021		Rp 4,542,778,723	Rp 35,284,782,732	0.12 875
		2022		Rp 4,771,778,616	Rp 37,043,044,180	0.12 882
		2023		Rp 5,607,360,006	Rp 39,783,662,481	0.14 095
		2024		Rp 7,426,189,720	Rp 45,733,006,360	0.16 238

3	PT. Adaro Energy Tbk	2020	AD RO	Rp 34,139,420,600	Rp 55,521,581,700	0.61489
		2021		Rp 44,642,293,049	Rp 63,615,696,735	0.70175
		2022		Rp 66,934,917,339	Rp 102,681,554,078	0.65187
		2023		Rp 47,531,226,993	Rp 114,931,938,750	0.41356
		2024		Rp 46,102,816,390	Rp 136,462,428,055	0.33784
4	PT Bukit Asam Tbk	2020	PT BA	Rp 7,117,559,000	Rp 16,939,196,000	0.42018
		2021		Rp 11,869,979,000	Rp 24,253,724,000	0.48941
		2022		Rp 16,443,161,000	Rp 28,916,046,000	0.56865
		2023		Rp 17,201,993,000	Rp 21,563,196,000	0.79775
		2024		Rp 19,141,764,000	Rp 22,643,812,000	0.84534
5	PT Merdeka Copper Gold Tbk	2020	MD KA	Rp 5,141,748,635,850	Rp 7,919,224,628,050	0.64927
		2021		Rp 7,122,833,123,378	Rp 11,121,405,527,893	0.64046
		2022		Rp 29,131,176,538,377	Rp 31,852,652,138,908	0.91456
		2023		Rp 18,965,555,719,284	Rp 15,623,439,854,853	1.21392
		2024		Rp 18,497,708,611,835	Rp 17,542,142,555,145	1.05447
6	PT Bumi Resources Minerals Tbk	2020	BR MS	Rp 1,425,228,164,350	Rp 8,263,414,376,600	0.17247
		2021		Rp 1,438,535,912,892	Rp 13,989,954,380,094	0.10283
		2022		Rp 1,968,211,027,934	Rp 16,993,165,002,481	0.11582
		2023		Rp 2,102,266,843,980	Rp 17,139,812,924,847	0.12265
		2024		Rp 568,871,281,910	Rp 19,326,729,535,350	0.02943
7	PT Indo Tambangraya Megah Tbk	2020	IT MG	Rp 4,388,362,950	Rp 11,890,374,500	0.36907
		2021		Rp 6,630,518,920	Rp 17,145,045,371	0.38673
		2022		Rp 10,852,769,707	Rp 30,679,854,680	0.35374

		2023		Rp 6,194,449,491	Rp 27,745,621,020	0.22 326
		2024		Rp 7,911,203,490	Rp 32,362,310,350	0.24 446
8	PT Golden Energy Mines Tbk	2020	GE MS	Rp 6,523,179,255,050	Rp 4,909,555,343,200	1.32 867
		2021		Rp 7,315,757,594,486	Rp 4,513,627,769,567	1.62 082
		2022		Rp 8,979,918,097,615	Rp 8,781,746,416,109	1.02 257
		2023		Rp 10,066,853,541,054	Rp 10,286,857,805,631	0.97 861
		2024		Rp 9,680,260,306,530	Rp 11,063,975,222,415	0.87 494
9	PT Pelita Samudera Shipping Tbk	2020	PSS I	Rp 109,604,050,000	Rp 2,063,044,296,650	0.05 313
		2021		Rp 1,864,030,815,000	Rp 2,300,678,624,350	0.81 021
		2022		Rp 5,123,508,045,000	Rp 2,821,424,805,757	1.81 593
		2023		Rp 1,628,663,331,000	Rp 3,162,665,839,584	0.51 497
		2024		Rp 1,255,125,000,000	Rp 3,172,298,950,430	0.39 565
10	PT TBS Energi Utama Tbk	2020	TO BA	Rp 6,757,454,659,350	Rp 4,087,343,948,000	1.65 326
		2021		Rp 7,189,814,591,833	Rp 5,054,441,190,963	1.42 247
		2022		Rp 7,481,966,641,984	Rp 6,665,386,619,183	1.12 251
		2023		Rp 8,131,140,237,579	Rp 6,572,666,436,885	1.23 711
		2024		Rp 7,649,165,153,030	Rp 7,308,779,102,080	1.04 657
11	PT. Steel Pipe Industry of Indonesia Tbk	2020	ISS P	Rp 2,741,264,000,000	Rp 3,335,340,000,000	0.82 188
		2021		Rp 3,310,209,000,000	Rp 7,097,322,000,000	0.46 640
		2022		Rp 3,261,396,000,000	Rp 4,144,535,000,000	0.78 691
		2023		Rp 3,353,362,000,000	Rp 4,618,346,000,000	0.72 610
		2024		Rp 3,251,676,000,000	Rp 5,043,751,000,000	0.64 469
12	PT. Baramulti Suksessarana Tbk	2020	BSS R	Rp 1,025,196,508,150	Rp 2,674,783,432,250	0.38 328
		2021		Rp 2,607,013,264,417	Rp 3,604,530,516,417	0.72 326
		2022		Rp 2,900,063,351,131	Rp 3,468,335,862,794	0.83 615
		2023		Rp 2,574,709,875,969	Rp 3,761,645,914,980	0.68 446

		2024		Rp 1,992,289,131,810	Rp 4,419,204,404,565	0.45 083
13	PT. Bayan Resources Tbk	2020	BYAN	Rp 10,652,306,034,400	Rp 12,104,830,524,700	0.88 000
		2021		Rp 8,144,828,202,773	Rp 26,581,811,050,606	0.30 641
		2022		Rp 30,678,097,810,458	Rp 31,387,915,594,857	0.97 739
		2023		Rp 22,734,326,537,982	Rp 30,697,406,767,626	0.74 059
		2024		Rp 20,209,412,307,405	Rp 38,722,152,748,085	0.52 191
		2025		Rp 20,209,412,307,405	Rp 38,722,152,748,085	0.52 191
14	PT. Harum Energy Tbk	2020	HRUM	Rp 616,873,651,900	Rp 6,389,892,482,900	0.09 654
		2021		Rp 3,195,554,621,574	Rp 9,284,420,974,557	0.34 418
		2022		Rp 4,507,456,144,581	Rp 15,609,438,776,155	0.28 876
		2023		Rp 7,110,953,528,646	Rp 18,223,438,340,850	0.39 021
		2024		Rp 13,252,188,278,950	Rp 29,832,723,425,670	0.44 422
		2025		Rp 13,252,188,278,950	Rp 29,832,723,425,670	0.44 422
15	PT. Mitrabara Adiperdana Tbk	2020	MBAP	Rp 614,728,610,300	Rp 1,941,993,472,800	0.31 655
		2021		Rp 823,846,085,282	Rp 2,853,566,858,809	0.28 871
		2022		Rp 885,372,315,041	Rp 3,936,930,670,560	0.22 489
		2023		Rp 879,786,488,589	Rp 2,680,457,094,861	0.32 822
		2024		Rp 852,332,376,875	Rp 3,116,976,755,600	0.27 345
		2025		Rp 852,332,376,875	Rp 3,116,976,755,600	0.27 345
16	PT. Batulicin Nusantara Maritim Tbk	2020	BESS	Rp 51,194,844,074	Rp 620,407,533,334	0.08 252
		2021		Rp 115,531,892,914	Rp 667,408,015,354	0.17 311
		2022		Rp 58,803,582,752	Rp 773,525,076,552	0.07 602
		2023		Rp 81,006,518,530	Rp 686,415,160,443	0.11 801
		2024		Rp 30,056,167,760	Rp 662,130,488,603	0.04 539
		2025		Rp 30,056,167,760	Rp 662,130,488,603	0.04 539
17	PT. Dwi Guna Laksana Tbk	2020	DWGL	Rp 14,062,308	Rp 703,672,417	0.01 998
		2021		Rp 84,446,123	Rp 1,245,705,842	0.06 779

		2022		Rp 16,935,909	Rp 1,421,234,992	0.01 192
		2023		Rp 23,509,724	Rp 1,844,239,416	0.01 275
		2024		Rp 149,854,292	Rp 1,600,005,249	0.09 366
18	PT. Sumber Global Energy Tbk	2020	SG ER	Rp 40,597,365,323	Rp 685,998,877,295	0.05 918
		2021		Rp 270,778,171,010	Rp 1,237,084,547,855	0.21 888
		2022		Rp 748,250,494,759	Rp 3,370,495,011,962	0.22 200
		2023		Rp 840,910,489,431	Rp 4,576,848,746,878	0.18 373
		2024		Rp 810,943,455,658	Rp 4,638,206,457,168	0.17 484
19	PT. Transcoal Pacific Tbk	2020	TC PI	Rp 57,886,000	Rp 2,752,211,000	0.02 103
		2021		Rp 85,411,000	Rp 2,847,296,000	0.03 000
		2022		Rp 116,698,000	Rp 2,809,869,000	0.04 153
		2023		Rp 189,705,000	Rp 3,509,253,000	0.05 406
		2024		Rp 93,100,000	Rp 3,684,202,000	0.02 527
20	PT. Trans Power Marine Tbk	2020	TP MA	Rp 375,943,099,800	Rp 1,081,902,701,550	0.34 748
		2021		Rp 316,641,395,609	Rp 1,099,647,890,611	0.28 795
		2022		Rp 594,590,631,973	Rp 1,855,542,176,576	0.32 044
		2023		Rp 980,802,630,306	Rp 2,012,544,569,601	0.48 734
		2024		Rp 1,655,380,613,860	Rp 2,493,432,429,510	0.66 390
21	PT. Astrindo Nusantara Infrastruktur Tbk	2020	BIP I	Rp 13,461,559,979,400	Rp 5,417,221,042,700	2.48 496
		2021		Rp 7,818,599,451,795	Rp 5,787,188,058,610	1.35 102
		2022		Rp 9,345,335,006,791	Rp 8,435,101,623,853	1.10 791
		2023		Rp 18,361,348,057,635	Rp 8,900,993,991,285	2.06 284
		2024		Rp 18,388,453,729,225	Rp 9,897,083,049,870	1.85 797
22	PT. Energi Mega Persada Tbk	2020	EN RG	Rp 8,885,831,765,100	Rp 2,981,051,247,300	2.98 077
		2021		Rp 8,769,853,980,299	Rp 6,406,309,809,082	1.36 894
		2022		Rp 10,687,706,243,182	Rp 8,100,305,405,066	1.31 942
		2023		Rp 12,156,795,089,352	Rp 9,076,734,128,721	1.33 934

		2024		Rp 14,140,934,409,265	Rp 10,641,864,903,475	1.32 880
23	PT. Ifishdeco Tbk	2020	IFS H	Rp 43,709,603,309	Rp 1,149,320,763,256	0.03 803
		2021		Rp 195,036,015,786	Rp 1,008,502,142,233	0.19 339
		2022		Rp 243,411,687,527	Rp 1,091,201,798,908	0.22 307
		2023		Rp 294,431,269,693	Rp 1,072,483,806,616	0.27 453
		2024		Rp 169,934,404,628	Rp 838,036,610,799	0.20 278
24	PT. Tembaga Mulia Semanan Tbk	2020	TB MS	Rp 1,481,051,146,650	Rp 722,455,959,650	2.05 002
		2021		Rp 1,281,299,038,386	Rp 819,612,843,976	1.56 3298
		2022		Rp 1,153,532,222,331	Rp 968,452,995,926	1.19 1108
		2023		Rp 1,219,586,327,676	Rp 1,001,020,071,660	1.21 8344
		2024		Rp 1,280,388,289,880	Rp 1,227,516,651,305	1.04 3072
25	PT. Alakasa Industrindo Tbk	2020	AL KA	Rp 313,427,196.000	Rp 105,203,706.000	1.24 8869
		2021		Rp 370,570,531.000	Rp 128,822,522.000	2.87 660
		2022		Rp 455,181,958.000	Rp 183,770,843.000	2.47 690
		2023		Rp 131,385,685.000	Rp 208,358,088.000	0.63 058
		2024		Rp 12,332,295.000	Rp 211,913,369.000	0.05 819
26	PT. Cita Mineral Investindo Tbk	2020	CIT A	Rp 686,128,746,815	Rp 3,453,893,913,635	0.19 865
		2021		Rp 635,243,465,372	Rp 3,670,508,924,274	0.17 307
		2022		Rp 932,716,882,196	Rp 4,281,097,892,263	0.21 787
		2023		Rp 775,768,358,438	Rp 5,521,398,735,114	0.14 050
		2024		Rp 322,598,456,175	Rp 7,621,208,264,673	0.04 233

LAMPIRAN 6

Variabel X3: CAPITAL INTENSITY

N o	Nama Persahaan	Ta hu n	Ko de	Total Asset Tetap	Total Asset	Capital Intensit y
1	PT Aneka Tambang	20 20	AN TM	Rp 22,578,999,000	Rp 31,729,512,995	0.71161
		20 21		Rp 21,188,011,000	Rp 32,916,154,000	0.64370
		20 22		Rp 21,942,492,000	Rp 33,637,271,000	0.65233
		20 23		Rp 22,786,783,000	Rp 42,851,329,000	0.53176
		20 24		Rp 26,530,670,000	Rp 44,522,654,000	0.59589
2	PT Vale Indonesia Tbk	20 20	IN CO	Rp 22,742,538,300	Rp 32,520,944,900	0.69932
		20 21		Rp 23,347,679,788	Rp 35,284,782,732	0.66169
		20 22		Rp 26,244,247,534	Rp 41,814,822,796	0.62763
		20 23		Rp 29,364,247,440	Rp 45,391,022,487	0.64692
		20 24		Rp 36,344,303,190	Rp 53,159,196,080	0.68369
3	PT. Adaro Energy Tbk	20 20	AD RO	Rp 65,328,270,950	Rp 89,661,002,300	0.72861
		20 21		Rp 67,760,684,276	Rp 108,257,989,784	0.62592
		20 22		Rp 85,938,421,538	Rp 169,616,471,417	0.50666
		20 23		Rp 95,725,727,814	Rp 162,463,165,743	0.58921
		20 24		Rp 11,333,206,413	Rp 182,565,244,445	0.06208
4	PT Bukit Asam Tbk	20 20	PT BA	Rp 15,692,399.000	Rp 24,056,755.000	0.65231
		20 21		Rp 17,912,203.000	Rp 36,123,703.000	0.49586

		20 22		Rp 20,927,059.000	Rp 45,359,207.000	0.46136
		20 23		Rp 23,616,833.000	Rp 38,765,189.000	0.60923
		20 24		Rp 26,552,062.000	Rp 41,785,576.000	0.63544
5	PT Merdeka Copper Gold Tbk	20 20	M DK A	Rp 10,260,686,071 .050	Rp 13,060,973,263. 000	0.78560
		20 21		Rp 12,375,184,288 .435	Rp 18,244,238,651. 000	0.67831
		20 22		Rp 46,893,893,802 .083	Rp 60,983,828,677. 000	0.76896
		20 23		Rp 58,288,972,357 .623	Rp 77,010,548,548. 000	0.75690
		20 24		Rp 67,098,432,353 .610	Rp 87,642,264,098. 000	0.76559
6	PT Bumi Resources Minerals Tbk	20 20	BR MS	Rp 7,603,186,611. 600	Rp 8,263,414,376.0 00	0.92010
		20 21		Rp 10,432,931,914 .148	Rp 13,989,954,380. 000	0.74574
		20 22		Rp 14,092,384,884 .066	Rp 16,993,165,002. 000	0.82930
		20 23		Rp 14,877,516,330 .843	Rp 17,139,812,924. 000	0.86801
		20 24		Rp 16,066,279,625 .085	Rp 19,326,729,535. 000	0.83130
7	PT Indo Tambangraya Megah Tbk	20 20	IT M G	Rp 10,523,323.550	Rp 16,278,737.450	0.64645
		20 21		Rp 9,677,449.835	Rp 23,775,564.291	0.40703
		20 22		Rp 11,509,302.992	Rp 41,532,624.387	0.27711
		20 23		Rp 14,085,416.175	Rp 33,940,070.511	0.41501
		20 24		Rp 16,764,955.650	Rp 40,273,513.840	0.41628
8	PT Golden Energy Mines Tbk	20 20	GE MS	Rp 5,702,347,485.	Rp 11,432,734,598	0.49877

				550		
		20		Rp		
		21		5,634,351,872.125	Rp 11,829,385,364	0.47630
		20		Rp		
		22		6,367,390,243.316	Rp 17,761,664,514	0.35849
		20		Rp		
		23		7,292,165,876.832	Rp 20,353,711,347	0.35827
		20		Rp		
		24		8,928,286,921.375	Rp 20,744,235,529	0.43040
9	PT Pelita Samudera Shipping Tbk	20	PS	Rp		
		20	SI	4,590,243,536.250	Rp 20,630,442,960	0.22250
		20		Rp		
		21		6,057,853,109.553	Rp 23,006,786,240	0.26331
		20		Rp		
		22		8,883,186,967.328	Rp 28,214,248,050	0.31485
		20		Rp		
		23		11,140,566,615.447	Rp 31,626,658,390	0.35225
		20		Rp		
		24		13,348,468,532.795	Rp 31,722,989,500	0.42078
10	PT TBS Energi Utama Tbk	20	TO	Rp		
		20	BA	9,856,249,472.900	Rp 10,844,798,607	0.90885
		20		Rp		
		21		9,261,767,866.882	Rp 12,244,255,782	0.75642
		20		Rp		
		22		10,037,227,300.959	Rp 14,147,353,261	0.70948
		20		Rp		
		23		11,013,570,868.143	Rp 14,704,365,142	0.74900
		20		Rp		
		24		11,109,720,294.710	Rp 14,956,674,102	0.74279
11	PT. Steel Pipe Industry of Indonesia Tbk	20	ISS	Rp		
		20	P	2,962,992,000.000	Rp 6,076,604,000.000	0.48761
		20		Rp		
		21		2,674,633,000.000	Rp 7,097,322,000.000	0.37685

		20 22		Rp 3,004,521,000. 000	Rp 7,405,931,000.0 00	0.40569
		20 23		Rp 2,897,134,000. 000	Rp 7,971,708,000.0 00	0.36343
		20 24		Rp 3,041,186,000. 000	Rp 8,295,427,000.0 00	0.36661
1 2	PT. Baramulti Suksessarana Tbk	20 20	BS SR	Rp 2,351,629,175. 100	Rp 5,738,786,750.6 50	0.40978
		20 21		Rp 2,333,457,285. 536	Rp 5,466,722,513.9 25	0.42685
		20 22		Rp 3,013,846,853. 956	Rp 6,368,399,213.9 25	0.47325
		20 23		Rp 3,049,972,690. 455	Rp 6,336,355,790.9 49	0.48134
		20 24		Rp 3,229,573,400. 155	Rp 6,411,493,536.3 75	0.50372
1 3	PT. Bayan Resources Tbk	20 20	BY AN	Rp 10,808,313,806 .200	Rp 22,757,136,559. 100	0.47494
		20 21		Rp 20,239,617,466 .241	Rp 34,726,639,253. 379	0.58283
		20 22		Rp 37,761,057,941 .247	Rp 62,066,013,405. 315	0.60840
		20 23		Rp 29,493,224,305 .995	Rp 53,431,733,305. 608	0.55198
		20 24		Rp 29,546,710,678 .315	Rp 58,931,565,055. 490	0.50137
1 4	PT. Harum Energy Tbk	20 20	HR U M	Rp 3,501,911,835. 700	Rp 7,006,766,134.8 00	0.49979
		20 21		Rp 8,946,802,722. 048	Rp 12,479,975,596. 131	0.71689
		20 22		Rp 11,947,942,184 .595	Rp 20,116,894,920. 736	0.59393
		20		Rp 18,628,147,364	Rp 25,334,391,869.	0.73529

		23		.277	496	
		20		Rp	Rp	
		24		33,376,764,545.525	43,084,911,704.620	0.77467
1	PT. Mitrabara Adiperdana Tbk	20	M	Rp	Rp	
5		20	BA	791,337,447.500	2,556,722,083.100	0.30951
		20	P	Rp	Rp	
		21		687,370,620.045	3,677,412,944.091	0.18692
		20		Rp	Rp	
		22		695,174,126.850	4,822,302,985.601	0.14416
		20		Rp	Rp	
		23		628,217,860.860	3,560,243,583.450	0.17645
		20		Rp	Rp	
		24		1,027,544,078.235	3,969,309,132.475	0.25887
1	PT. Batulicin Nusantara Maritim Tbk	20	BE	Rp	Rp	
6		20	SS	520,472,846,236	620,407,533,334	0.83892
		20		Rp	Rp	
		21		529,932,657,067	667,408,015,354	0.79402
		20		Rp	Rp	
		22		558,795,884,234	773,525,076,552	0.72240
		20		Rp	Rp	
		23		520,970,486,350	686,415,160,443	0.75897
		20		Rp	Rp	
		24		488,451,167,650	662,130,488,603	0.73770
1	PT. Dwi Guna Laksana Tbk	20	D	Rp	Rp	
7		20	W	242,200,581.000	703,672,417.000	0.34420
		20	GL	Rp	Rp	
		21		514,565,394.000	1,245,705,842.000	0.41307
		20		Rp	Rp	
		22		617,024,779.000	1,421,234,992.000	0.43415
		20		Rp	Rp	
		23		505,912,736.000	1,844,239,416.000	0.27432
		20		Rp	Rp	
		24		449,112,538.000	1,600,005,249.000	0.28069

18	PT. Sumber Global Energy Tbk	2020	SGER	Rp 59,934,025,879.000	Rp 685,998,877,295	0.08737
		2021		Rp 75,085,580,840.000	Rp 1,237,084,547,855	0.06070
		2022		Rp 57,953,349,617.000	Rp 3,370,495,011,962	0.01719
		2023		Rp 155,043,418,750.000	Rp 4,576,848,746,878	0.03388
		2024		Rp 425,963,612,387.000	Rp 4,638,206,457,168	0.09184
19	PT. Transcoal Pacific Tbk	2020	TCPI	Rp 1,980,360,000.000	Rp 2,752,211,000.000	0.71955
		2021		Rp 2,084,574,000.000	Rp 2,847,296,000.000	0.73212
		2022		Rp 2,106,913,000.000	Rp 2,809,869,000.000	0.74983
		2023		Rp 2,708,567,000.000	Rp 3,509,253,000.000	0.77184
		2024		Rp 2,847,134,000.000	Rp 3,684,202,000.000	0.77280
20	PT. Trans Power Marine Tbk	2020	TPMA	Rp 1,200,266,210.000	Rp 1,457,845,801.350	0.82331
		2021		Rp 1,120,675,202.695	Rp 1,416,289,286.220	0.79128
		2022		Rp 1,273,102,578.009	Rp 1,689,220,641.764	0.75366
		2023		Rp 1,381,999,293.351	Rp 1,821,333,286.239	0.75878
		2024		Rp 1,597,358,979.855	Rp 4,148,813,043.370	0.38502
21	PT. Astrindo Nusantara Infrastruktur Tbk	2020	BIPI	Rp 16,146,131,400.350	Rp 18,878,781,022.100	0.85525
		2021		Rp 10,668,421,397	Rp 13,605,787,510.	0.78411

		21		.285	405	
		20 22		Rp 13,160,997,191 .685	Rp 17,780,436,630. 644	0.74020
		20 23		Rp 15,331,048,596 .981	Rp 27,262,342,048. 920	0.56235
		20 24		Rp 18,280,148,942 .770	Rp 28,285,536,779. 095	0.64627
2 2	PT. Energi Mega Persada Tbk	20 20	EN RG	Rp 10,003,157,860 .550	Rp 11,866,883,012. 400	0.84295
		20 21		Rp 12,850,911,535 .570	Rp 15,176,163,789. 381	0.84678
		20 22		Rp 15,956,595,675 .385	Rp 18,788,011,648. 248	0.84930
		20 23		Rp 16,543,509,834 .783	Rp 21,233,529,218. 073	0.77912
		20 24		Rp 17,377,992,889 .605	Rp 24,782,799,312. 740	0.70121
2 3	PT. Ifishdeco Tbk	20 20	IFS H	Rp 448,152,939,25 5.000	Rp 1,149,320,763,2 56	0.38993
		20 21		Rp 450,148,639,90 6.000	Rp 1,008,502,142,2 33	0.44635
		20 22		Rp 585,193,197,24 3.000	Rp 1,091,201,798,9 08	0.53628
		20 23		Rp 593,545,768,01 7.000	Rp 1,072,483,806,6 16	0.55343
		20 24		Rp 645,686,984,35 2.000	Rp 1,077,971,015,4 27	0.59898
2 4	PT. Tembaga Mulia Semanan Tbk	20 20	TB MS	Rp 423,875,293.00 0	Rp 2,203,507,106.3 00	0.19236
		20 21		Rp 417,988,537.69 9	Rp 2,100,911,882.3 62	0.19896
		20 22		Rp 378,297,105.89 4	Rp 2,121,985,218.2 57	0.17828

		2023		Rp 392,801,803.095	Rp 2,220,606,399.36	0.17689
		2024		Rp 382,788,641.695	Rp 2,507,904,941.185	0.15263
25	PT. Alakasa Industrindo Tbk	2020	ALKA	Rp 10,679,301.000	Rp 418,630,902.000	0.02551
		2021		Rp 11,282,720.000	Rp 499,393,053.000	0.02259
		2022		Rp 12,582,362.000	Rp 638,952,801.000	0.01969
		2023		Rp 12,320,958.000	Rp 339,743,773.000	0.03627
		2024		Rp 12,357,750.000	Rp 224,245,664.000	0.05511
26	PT. Cita Mineral Investindo Tbk	2020	CITA	Rp 2,891,426,584,451	Rp 4,140,022,660,450	0.69841
		2021		Rp 3,078,137,212,747	Rp 4,305,752,389,646	0.71489
		2022		Rp 3,668,492,370,826	Rp 5,213,814,774,459	0.70361
		2023		Rp 4,841,214,321,678	Rp 6,224,306,811,460	0.77779
		2024		Rp 5,348,410,137,641	Rp 7,943,806,720,848	0.67328

LAMPIRAN 8

Variabel Y : UKURAN PERUSAHAAN

No	Nama Persahaan	Tahun	Kode	Total Asset	Size
1	PT Aneka Tambang	2020	ANTM	Rp 31,729,512,995,000	31.08827

		2021		Rp 32,916,154,000,000	31.12 498
		2022		Rp 33,637,271,000,000	31.14 666
		2023		Rp 42,851,329,000,000	31.38 876
		2024		Rp 44,522,654,000,000	31.42 702
2	PT Vale Indonesia Tbk	2020	INC O	Rp 32,520,944,900,000	31.11 291
		2021		Rp 35,284,782,732,000	31.19 447
		2022		Rp 41,814,822,796,000	31.36 427
		2023		Rp 45,391,022,487,000	31.44 634
		2024		Rp 53,159,196,080,000	31.60 431
3	PT. Adaro Energy Tbk	2020	AD RO	Rp 6,381,566,000,000	29.48 443
		2021		Rp 7,586,936,000,000	29.65 745
		2022		Rp 10,782,307,000,000	30.00 893
		2023		Rp 10,472,711,000,000	29.97 979
		2024		Rp 6,702,127,000,000	29.53 345
4	PT Bukit Asam Tbk	2020	PTB A	Rp 24,056,755,000,000	30.81 144
		2021		Rp 36,123,703,000,000	31.21 797
		2022		Rp 45,359,207,000,000	31.44 563
		2023		Rp 38,765,189,000,000	31.28 854
		2024		Rp 41,785,576,000,000	31.36 357
5	PT Merdeka Copper Gold Tbk	2020	MD KA	Rp 13,060,973,263,900	30.20 065
		2021		Rp 18,244,238,651,271	30.53 487
		2022		Rp 60,983,828,677,285	31.74 163
		2023		Rp	31.97

		3		77,010,548,548,395	496
		202 4		Rp 87,642,264,098,740	32.10 428
6	PT Bumi Resources Minerals Tbk	202 0	BR MS	Rp 8,263,414,376,600	29.74 286
		202 1		Rp 13,989,954,380,094	30.26 936
		202 2		Rp 16,993,165,002,481	30.46 383
		202 3		Rp 17,139,812,924,847	30.47 243
		202 4		Rp 19,326,729,535,350	30.59 251
7	PT Indo Tambangraya Megah Tbk	202 0	ITM G	Rp 16,278,737,450,000	30.42 088
		202 1		Rp 23,775,564,291,000	30.79 968
		202 2		Rp 41,532,624,387,000	31.35 750
		202 3		Rp 33,940,070,511,000	31.15 562
		202 4		Rp 40,273,513,840,000	31.32 672
8	PT Golden Energy Mines Tbk	202 0	GE MS	Rp 11,432,734,598,250	30.06 750
		202 1		Rp 11,829,429,070,000	30.10 161
		202 2		Rp 17,761,664,513,724	30.50 806
		202 3		Rp 20,353,676,520,000	30.64 428
		202 4		Rp 20,744,203,950,000	30.66 329
9	PT Pelita Samudera Shipping Tbk	202 0	PSSI	Rp 2,063,044,296,650	28.35 520
		202 1		Rp 2,300,678,624,350	28.46 423
		202 2		Rp 2,821,424,805,757	28.66 826
		202 3		Rp 3,162,665,839,584	28.78 244
		202 4		Rp 3,172,298,950,430	28.78 548
1 0	PT TBS Energi Utama Tbk	202 0	TOB A	Rp 10,844,798,607,350	30.01 471

		202 1		Rp 12,244,255,782,796	30.13 608
		202 2		Rp 14,147,353,261,167	30.28 055
		202 3		Rp 14,704,365,142,464	30.31 917
		202 4		Rp 14,956,674,102,080	30.33 618
1 1	PT. Steel Pipe Industry of Indonesia Tbk	202 0	ISSP	Rp 6,076,604,000,000	29.43 547
		202 1		Rp 7,097,322,000,000	29.59 074
		202 2		Rp 7,405,931,000,000	29.63 330
		202 3		Rp 7,971,708,000,000	29.70 692
		202 4		Rp 8,295,427,000,000	29.74 673
1 2	PT. Baramulti Suksessarana Tbk	202 0	BSS R	Rp 3,699,979,940,400	28.93 935
		202 1		Rp 6,211,543,780,834	29.45 743
		202 2		Rp 6,368,399,213,925	29.48 237
		202 3		Rp 6,336,355,790,949	29.47 732
		202 4		Rp 6,411,493,536,375	29.48 911
1 3	PT. Bayan Resources Tbk	202 0	BY AN	Rp 22,757,136,559,100	30.75 590
		202 1		Rp 34,726,639,253,379	31.17 853
		202 2		Rp 62,066,013,405,315	31.75 922
		202 3		Rp 53,431,733,305,608	31.60 943
		202 4		Rp 58,931,565,055,490	31.70 740
1 4	PT. Harum Energy Tbk	202 0	HR UM	Rp 7,006,766,134,800	29.57 790
		202 1		Rp 12,479,975,596,131	30.15 515
		202 2		Rp 20,116,910,651,736	30.63 258
		202		Rp	30.86

		3		25,334,391,869,496	318
		202 4		Rp 43,084,911,704,620	31.39 419
1 5	PT. Mitrabara Adiperdana Tbk	202 0	MB AP	Rp 2,556,722,083,100	28.56 975
		202 1		Rp 3,677,412,944,091	28.93 323
		202 2		Rp 4,822,302,985,601	29.20 427
		202 3		Rp 3,560,243,583,450	28.90 085
		202 4		Rp 3,969,309,132,475	29.00 961
1 6	PT. Batulicin Nusantara Maritim Tbk	202 0	BES S	Rp 620,407,533,334	27.15 364
		202 1		Rp 667,408,015,354	27.22 667
		202 2		Rp 773,525,076,552	27.37 422
		202 3		Rp 686,415,160,443	27.25 475
		202 4		Rp 662,130,488,603	27.21 873
1 7	PT. Dwi Guna Laksana Tbk	202 0	DW GL	Rp 703,672,417,000	27.27 958
		202 1		Rp 1,245,705,842,000	27.85 072
		202 2		Rp 1,421,234,992,000	27.98 255
		202 3		Rp 1,844,239,416,000	28.24 309
		202 4		Rp 1,600,005,249,000	28.10 103
1 8	PT. Sumber Global Energy Tbk	202 0	SGE R	Rp 685,998,877,295	27.25 414
		202 1		Rp 1,237,084,547,855	27.84 378
		202 2		Rp 3,370,495,011,962	28.84 608
		202 3		Rp 4,576,848,746,878	29.15 203
		202 4		Rp 4,638,206,457,168	29.16 535
1 9	PT. Transcoal Pacific Tbk	202 0	TCP I	Rp 2,752,211,000,000	28.64 343

		2021		Rp 2,847,296,000,000	28.67 739
		2022		Rp 2,809,869,000,000	28.66 416
		2023		Rp 3,509,253,000,000	28.88 642
		2024		Rp 3,684,202,000,000	28.93 508
20	PT. Trans Power Marine Tbk	2020	TPM A	Rp 1,457,845,801,350	28.00 798
		2021		Rp 1,416,289,286,220	27.97 906
		2022		Rp 2,450,132,808,549	28.52 716
		2023		Rp 2,993,347,199,907	28.72 741
		2024		Rp 4,148,813,043,370	29.05 384
21	PT. Astrindo Nusantara Infrastruktur Tbk	2020	BIPI	Rp 18,878,781,022,100	30.56 906
		2021		Rp 13,605,787,510,405	30.24 152
		2022		Rp 17,780,436,630,644	30.50 912
		2023		Rp 27,262,342,048,920	30.93 653
		2024		Rp 28,285,536,779,095	30.97 337
22	PT. Energi Mega Persada Tbk	2020	ENR G	Rp 11,866,883,012,400	30.10 477
		2021		Rp 15,176,163,789,381	30.35 075
		2022		Rp 18,788,011,648,248	30.56 424
		2023		Rp 21,233,529,218,073	30.68 660
		2024		Rp 24,782,799,312,740	30.84 117
23	PT. Ifishdeco Tbk	2020	IFS H	Rp 1,149,320,763,256	27.77 019
		2021		Rp 1,008,502,142,233	27.63 949
		2022		Rp 1,091,201,798,908	27.71 830
		2023		Rp	27.70

		3		1,072,483,806,616	100
		202 4		Rp 1,077,971,015,427	27.70 610
2 4	PT. Tembaga Mulia Semanan Tbk	202 0	TB MS	Rp 2,203,507,106,300	28.42 107
		202 1		Rp 2,100,911,882,362	28.37 339
		202 2		Rp 2,121,985,218,257	28.38 337
		202 3		Rp 2,220,606,399,336	28.42 880
		202 4		Rp 2,507,904,941,185	28.55 047
2 5	PT. Alakasa Industrindo Tbk	202 0	ALK A	Rp 418,630,902,000	26.76 026
		202 1		Rp 499,393,053,000	26.93 666
		202 2		Rp 638,952,801,000	27.18 310
		202 3		Rp 339,743,773,000	26.55 146
		202 4		Rp 224,245,664,000	26.13 601
2 6	PT. Cita Mineral Investindo Tbk	202 0	CIT A	Rp 4,140,022,660,450	29.05 172
		202 1		Rp 4,305,752,389,646	29.09 097
		202 2		Rp 5,213,814,774,459	29.28 233
		202 3		Rp 6,224,306,811,460	29.45 948
		202 4		Rp 7,943,806,720,848	29.70 341

LAMPIRAN 9

Variabel Z : PENGHINDARAN PAJAK

N o	Nama Persahaan	Ta hu	Ko de	Pajak tunai yang	Laba sebelum pajak	CE TR
--------	----------------	----------	----------	---------------------	-----------------------	----------

		n		dibayarkan		
1	PT Aneka Tambang	20	AN TM	Rp 491,824,000	Rp 1,641,178,012	0.2 997
		20		Rp 1,181,769,000	Rp 3,043,509,000	0.3 883
		20		Rp 1,393,807,000	Rp 5,214,771,000	0.2 673
		20		Rp 776,833,000	Rp 3,854,481,000	0.2 015
		20		Rp 761,425,000	Rp 4,613,643,000	0.1 650
2	PT Vale Indonesia Tbk	20	IN CO	Rp 1,174,903,150	Rp 1,470,262,250	0.7 991
		20		Rp 1,420,949,827	Rp 3,145,815,085	0.4 517
		20		Rp 2,313,039,047	Rp 4,338,908,689	0.5 331
		20		Rp 2,733,809,451	Rp 5,468,689,299	0.4 999
		20		Rp 273,895,051	Rp 1,239,394,100	0.2 210
3	PT. Adaro Energy Tbk	20	AD RO	Rp 2,532,287,700	Rp 6,381,566,000	0.3 968
		20		Rp 4,277,746,317	Rp 7,586,936,000	0.5 638
		20		Rp 13,371,554,503	Rp 10,782,307,000	1.2 401
		20		Rp 22,563,472,344	Rp 10,472,711,000	2.1 545
		20		Rp 5,900,342,625	Rp 6,702,127,000	0.8 804
4	PT Bukit Asam Tbk	20	PT BA	823,758,000	Rp 24,056,755,000	0.0 342
		20		Rp 2,321,787,000	Rp 36,123,703,000	0.0 643
		20		Rp 3,422,887,000	Rp 45,359,207,000	0.0 755
		20		Rp 1,861,792,000	Rp 38,765,189,000	0.0 480
		20		Rp 1,119,823,000	Rp 41,785,576,000	0.0 268
5	PT Merdeka Copper Gold Tbk	20	M DK A	Rp 33,837,443,623	Rp 789,672,508,450	0.0 428
		20		Rp 33,291,788,695	Rp 809,314,136,150	0.0 411

		20 22		Rp 394,773,314,826	Rp 1,414,847,020,936	0.2 790
		20 23		Rp 103,520,188,125	Rp 927,163,904,187	0.1 117
		20 24		Rp 198,492,713,755	Rp 255,548,704,790	0.7 767
6	PT Bumi Resources Minerals Tbk	20 20	BR MS	Rp 66,919,588,000	Rp 194,468,031,050	0.3 441
		20 21		Rp 1,196,370,036,000	Rp 1,730,719,457,706	0.6 913
		20 22		Rp 354,089,079,000	Rp 511,932,674,520	0.6 917
		20 23		Rp 21,608,150,778	Rp 270,844,771,269	0.0 798
		20 24		Rp 9,082,593,244.000	Rp 568,871,281,910	0.0 160
7	PT Indo Tambangraya Megah Tbk	20 20	IT M G	Rp 48,788,625.000	Rp 1,019,369,650	0.0 479
		20 21		Rp 2,078,979,031,000	Rp 8,862,318,941,000	0.2 346
		20 22		Rp 5,434,698,687,000	Rp 24,301,122,952,000	0.2 236
		20 23		Rp 2,241,504,396,000	Rp 9,992,109,456,000	0.2 243
		20 24		Rp 199,951,467,000	Rp 8,280,829,435,000	0.0 241
8	PT Golden Energy Mines Tbk	20 20	GE MS	Rp 4,394,291,207,000	Rp 11,432,734,598,250	0.3 844
		20 21		Rp 1,524,162,969,027	Rp 11,829,429,070,000	0.1 288
		20 22		Rp 3,192,291,751,345	Rp 17,761,664,513,724	0.1 797
		20 23		Rp 2,392,609,749,819	Rp 20,353,676,520,000	0.1 176
		20		Rp	Rp	0.1

		24		2,554,239,403,445	20,744,203,950,000	231
9	PT Pelita Samudera Shipping Tbk	2020	PS SI	Rp 109,604,050,000	Rp 2,063,044,296,650	0.0 531
		2021		Rp 1,864,030,815,000	Rp 2,300,678,624,350	0.8 102
		2022		Rp 5,123,508,045,000	Rp 2,821,424,805,757	1.8 159
		2023		Rp 1,628,663,331,000	Rp 3,162,665,839,584	0.5 150
		2024		Rp 1,255,125,000,000	Rp 3,172,298,950,430	0.3 957
10	PT TBS Energi Utama Tbk	2020	TO BA	Rp 882,206,244,000	Rp 10,844,798,607,350	0.0 813
		2021		Rp 772,020,219,400	Rp 12,244,255,782,796	0.0 631
		2022		Rp 720,933,052,800	Rp 14,147,353,261,167	0.0 510
		2023		Rp 18,623,888,595,900	Rp 14,704,365,142,464	1.2 666
		2024		Rp 21,591,026,746,500	Rp 14,956,674,102,080	1.4 436
11	PT. Steel Pipe Industry of Indonesia Tbk	2020	ISS P	Rp 20,767,000,000	Rp 155,068,000,000	0.1 339
		2021		Rp 1,733,410,000,000	Rp 7,097,322,000,000	0.2 442
		2022		Rp 87,382,000,000.000	Rp 7,405,931,000,000	0.0 118
		2023		Rp 142,525,000.000	Rp 7,971,708,000	0.0 179
		2024		Rp 145,526,000.000	Rp 8,295,427,000	0.0 175
12	PT. Baramulti Suksessarana Tbk	2020	BS SR	Rp 144,978,353,200	Rp 573,788,132,650	0.2 527

		20 21		Rp 842,500,676,701	Rp 3,769,990,487,202	0.2 235
		20 22		Rp 1,083,632,389,036	Rp 4,857,436,663,925	0.2 231
		20 23		Rp 904,725,838,935	Rp 3,422,011,956,402	0.2 644
		20 24		Rp 67,071,583,958.000	Rp 2,872,233,170,910	0.0 234
1 3	PT. Bayan Resources Tbk	20 20	BY AN	Rp 115,456,966,685	Rp 5,994,230,840,350	0.0 193
		20 21		Rp 5,159,904,397,331	Rp 23,223,849,710,329	0.2 222
		20 22		Rp 10,126,115,709,734	Rp 46,332,672,569,591	0.2 186
		20 23		Rp 5,482,102,676,502	Rp 25,332,240,278,448	0.2 164
		20 24		Rp 4,387,037,793,305	Rp 20,174,419,522,815	0.2 175
1 4	PT. Harum Energy Tbk	20 20	HR U M	Rp 545,008,211,000	Rp 903,546,690,650	0.6 032
		20 21		Rp 415,053,946,621.000	Rp 1,819,889,378,120	0.2 281
		20 22		Rp 1,538,099,893,597	Rp 7,512,294,908,814	0.2 047
		20 23		Rp 1,044,464,553,933	Rp 4,079,926,027,389	0.2 560
		20 24		Rp 62,665,114,537	Rp 1,926,286,743,655	0.0 325
1 5	PT. Mitrabara Adiperdana Tbk	20 20	MB AP	Rp 1,391,807,893,000	Rp 525,098,967,600	2.6 506
		20 21		Rp 40,424,690,567	Rp 1,839,228,567,621	0.0 220

		20 22		Rp 806,425,473,529	Rp 3,628,435,787,106	0.2 223
		20 23		Rp 140,350,997,595.000	Rp 476,780,296,146	0.2 944
		20 24		Rp 9,592,863,476.000	Rp 416,322,669,805	0.0 230
1 6	PT. Batulicin Nusantara Maritim Tbk	20 20	BE SS	Rp 3,537,043,694.000	Rp 51,194,844,074.000	0.0 691
		20 21		Rp 3,066,592,250.000	Rp 115,531,892,914.000	0.0 265
		20 22		Rp 2,828,846,679.000	Rp 58,803,582,752.000	0.0 481
		20 23		Rp 1,644,016,991.000	Rp 81,006,518,530.000	0.0 203
		20 24		Rp 5,936,455,505.000	Rp 30,056,167,760.000	0.1 975
1 7	PT. Dwi Guna Laksana Tbk	20 20	D W GL	Rp 93,528,124.000	Rp 2,752,211,000.000	0.0 340
		20 21		Rp 4,254,059.000	Rp 2,847,296,000.000	0.0 015
		20 22		Rp 11,798,412.000	Rp 2,752,211,000.000	0.0 043
		20 23		Rp 134,493,665.000	Rp 3,509,253,000.000	0.0 383
		20 24		Rp 78,146,848.000	Rp 3,684,202,000.000	0.0 212
1 8	PT. Sumber Global Energy Tbk	20 20	SG ER	Rp 40,597,365,323.000	Rp 685,998,877,295	0.0 592
		20 21		Rp 68,210,197,634.000	Rp 1,237,084,547,855	0.0 551
		20 22		Rp 157,319,432,280	Rp 3,370,495,011,96	0.0 467

				.000	2	
		20 23		Rp 159,603,994,721 .000	Rp 4,576,848,746,87 8	0.0 349
		20 24		Rp 156,284,696,169 .000	Rp 4,638,206,457,16 8	0.0 337
1 9	PT. Transcoal Pacific Tbk	20 20	TC PI	Rp 156,000,000.000	Rp 2,752,211,000	0.0 567
		20 21		Rp 833,000,000.000	Rp 2,847,296,000	0.2 926
		20 22		Rp 1,031,000,000.0 00	Rp 2,809,869,000	0.3 669
		20 23		Rp 1,027,000,000.0 00	Rp 3,509,253,000	0.2 927
		20 24		Rp 3,901,000,000.0 00	Rp 3,684,202,000	1.0 588
2 0	PT. Trans Power Marine Tbk	20 20	TP M A	Rp 670,383,105.000	Rp 35,999,359,600	0.0 186
		20 21		Rp 7,252,147,905.0 00	Rp 63,747,684,985	0.1 138
		20 22		Rp 11,898,975,593. 000	Rp 236,791,915,746	0.0 503
		20 23		Rp 20,705,744,055. 000	Rp 543,952,625,517	0.0 381
		20 24		Rp 20,391,284,232. 000	Rp 571,631,569,545	0.0 357
2 1	PT. Astrindo Nusantara Infrastruk tur Tbk	20 20	BIP I	Rp 40,775,340,695. 000	Rp 496,452,619,300	0.0 821
		20 21		Rp 40,896,066,982. 000	Rp 408,693,568,409	0.1 001
		20 22		Rp 40,648,054,276. 000	Rp 351,447,891,293	0.1 157
		20 23		Rp 44,054,856,771.	Rp 676,407,149,313	0.0 651

				000		
		20		Rp		
		24		52,267,304,255.000	Rp 696,954,897,105	0.0 750
2 2	PT. Energi Mega Persada Tbk	20	EN RG	Rp 70,475,838,295.000	Rp 1,527,987,939,500	0.0 461
		20		Rp 1,290,037,145,682.000	Rp 1,856,721,690,978	0.6 948
		20		Rp 1,158,157,026,214.000	Rp 2,207,989,269,527	0.5 245
		20		Rp 513,835,299,492.000	Rp 1,571,441,163,933	0.3 270
		20		Rp 451,969,357,785.000	Rp 1,309,451,546,005	0.3 452
		20				
2 3	PT. Ifishdeco Tbk	20	IFS H	Rp 43,709,603,309.000	Rp 1,149,320,763,256	0.0 380
		20		Rp 15,036,015,786.000	Rp 1,008,502,142,233	0.0 149
		20		Rp 10,913,731,931.000	Rp 1,091,201,798,908	0.0 100
		20		Rp 81,683,907,148.000	Rp 1,072,483,806,616	0.0 762
		20		Rp 84,087,566,044.00	Rp 1,072,483,806,616	0.0 784
		20				
2 4	PT. Tembaga Mulia Semanan Tbk	20	TB MS	Rp 8,508,399,000.00	Rp 81,344,821,350	0.1 046
		20		Rp 267,343,984,000	Rp 130,520,740,426	2.0 483
		20		Rp 837,345,399.000	Rp 96,834,294,185	0.0 086
		20		Rp 118,162,521,000.000	Rp 88,254,930,735	1.3 389
		20		Rp	Rp	0.1
		20				

		24		21,340,472,000.000	191,874,874,740	112
2 5	PT. Alakasa Industrindo Tbk	20	AL KA	Rp	Rp	0.3
		20		146,493,277.000	418,630,902.000	499
		20		Rp	Rp	0.3
		21		182,957,000.000	499,393,053.000	664
		20		Rp	Rp	0.7
2 6	PT. Cita Mineral Investindo Tbk	22		503,530,000.000	638,952,801.000	881
		20	CI TA	Rp	Rp	0.4
		23		169,283,645.000	339,743,773.000	983
		20		Rp	Rp	0.7
		24		178,256,843.000	224,245,664.000	949
2 6	PT. Cita Mineral Investindo Tbk	20	CI TA	Rp	Rp	0.0
		20		191,960,582,706.000	4,140,022,660,450	464
		20		Rp	Rp	0.0
		21		100,967,322,506.000	4,305,752,389,646	234
		20		Rp	Rp	0.0
2 6	PT. Cita Mineral Investindo Tbk	22		380,953,609,189.000	5,213,814,774,459	731
		20	CI TA	Rp	Rp	0.0
		23		329,129,506,833.000	6,224,306,811,460	529
2 6	PT. Cita Mineral Investindo Tbk	20		Rp	Rp	0.0
		24		116,858,552,283.000	7,943,806,720,848	147

LAMPIRAN 7

Variabel X4: KEPEMILIKAN INSTITUSIONAL

N o	Nama Persahaan	Tah un	Kod e	Saham yg dimiliki institusional	Jumlah saham yang beredar	100 %	Kepemilikan Institusional
1	PT Aneka Tambang	2020	AN TM	Rp 15,619,999,999	Rp 24,030,764,725	100 %	65%
		2021		Rp 15,619,999,999	Rp 24,030,764,725	100 %	65%
		2022		Rp 15,619,999,999	Rp 24,030,764,725	100 %	65%
		2023		Rp 15,619,999,999	Rp 24,030,764,725	100 %	65%
		2024		Rp 15,619,999,999	Rp 24,030,764,725	100 %	65%
2	PT Vale Indonesia Tbk	2020	INC O	Rp 9,526,121,276	Rp 9,936,338,720	100 %	96%
		2021		Rp 9,398,063,356	Rp 9,936,338,720	100 %	95%
		2022		Rp 9,685,390,059	Rp 9,936,338,720	100 %	97%
		2023		Rp 9,505,772,969	Rp 9,936,338,720	100 %	96%
		2024		Rp 10,021,671,137	Rp 10,539,784,534	100 %	95%

3	PT. Adaro Energy Tbk	2020	AD RO	Rp 31,985,962,000	Rp 25,026,887,491	100 %	78%
		2021		Rp 31,202,734,000	Rp 14,045,425,500	100 %	45%
		2022		Rp 30,985,962,000	Rp 14,045,425,500	100 %	45%
		2023		Rp 30,881,205,900	Rp 14,045,425,500	100 %	45%
		2024		Rp 30,708,665,900	Rp 14,045,425,500	100 %	46%
4	PT Bukit Asam Tbk	2020	PTB A	Rp 1,152,066,000	Rp 11,190,363,250	100 %	10%
		2021		Rp 1,152,066,000	Rp 11,487,209,350	100 %	10%
		2022		Rp 1,152,066,000	Rp 11,487,209,350	100 %	10%
		2023		Rp 1,152,066,000	Rp 11,487,209,350	100 %	10%
		2024		Rp 1,152,066,000	Rp 11,514,357,250	100 %	10%
5	PT Merdeka Copper Gold Tbk	2020	MD KA	Rp 22,687,635,296	Rp 43,357,230,867	100 %	52%
		2021		Rp 34,814,566,712	Rp 68,256,455,429	100 %	51%
		2022		Rp 12,781,611,971	Rp 24,110,850,771	100 %	53%
		2023		Rp 14,880,655,171	Rp 30,112,990,661	100 %	49%

		202 4		Rp 25,548,704,790	Rp 42,264,098,740	100 %	60%
6	PT Bumi Resources Minerals Tbk	202 0	BR MS	Rp 16,188,534,974,028	Rp 18,253,224,612,000	100 %	89%
		202 1		Rp 16,057,284,251,182	Rp 21,158,456,006,300	100 %	76%
		202 2		Rp 13,816,152,495,905	Rp 21,792,038,637,200	100 %	63%
		202 3		Rp 13,640,227,979,275	Rp 21,792,038,637,200	100 %	63%
		202 4		Rp 12,560,446,998,003	Rp 21,792,038,637,200	100 %	58%
7	PT Indo Tambangraya Megah Tbk	202 0	ITM G	Rp 10,341,797,550,000	Rp 15,875,446,250,000	100 %	65%
		202 1		Rp 10,502,997,099,000	Rp 16,122,899,825,000	100 %	65%
		202 2		Rp 11,579,132,901,000	Rp 17,774,850,175,000	100 %	65%
		202 3		Rp 11,418,669,423,000	Rp 17,528,526,525,000	100 %	65%
		202 4		Rp 12,318,148,185,000	Rp 18,909,294,875,000	100 %	65%
8	PT Golden Energy Mines Tbk	202 0	GE MS	Rp 51,654,271,640,750	Rp 82,647,059,650,000	100 %	62%
		202 1		Rp 56,236,504,788,500	Rp 83,935,294,957,000	100 %	67%
		202 2		Rp 57,834,401,934,565	Rp 92,535,295,058,731	100 %	62%

		2023		Rp 46,539,001,551,300	Rp 91,252,942,120,026	100 %	51%
		2024		Rp 50,205,001,673,500	Rp 98,441,177,505,205	100 %	51%
9	PT Pelita Samudera Shipping Tbk	2020	PSS I	Rp 1,069,604,050,000	Rp 2,063,044,296,650	100 %	52%
		2021		Rp 1,664,030,815,000	Rp 2,300,678,624,350	100 %	72%
		2022		Rp 1,544,030,815,000	Rp 2,821,424,805,000	100 %	55%
		2023		Rp 1,628,663,331,000	Rp 3,162,665,839,584	100 %	51%
		2024		Rp 1,255,125,000,000	Rp 3,172,298,950,430	100 %	40%
10	PT TBS Energi Utama Tbk	2020	TO BA	Rp 70,022,389,381,800	Rp 113,101,994,200,000	100 %	62%
		2021		Rp 71,113,841,572,164	Rp 114,864,936,316,000	100 %	62%
		2022		Rp 78,400,157,107,836	Rp 126,633,983,684,000	100 %	62%
		2023		Rp 77,313,688,717,428	Rp 125,759,246,749,086	100 %	61%
		2024		Rp 83,403,892,263,660	Rp 135,665,634,909,170	100 %	61%
11	PT. Steel Pipe Industry of Indonesia Tbk	2020	ISS P	Rp 4,020,063,930	Rp 7,185,992,035	100 %	56%
		2021		Rp 4,020,063,930	Rp 7,185,992,035	100 %	56%

		202 2		Rp 4,020,063,930	Rp 7,185,992,035	100 %	56%
		202 3		Rp 4,020,063,930	Rp 7,185,992,035	100 %	56%
		202 4		Rp 4,020,063,930	Rp 7,185,992,035	100 %	56%
1 2	PT. Baramulti Suksessarana Tbk	202 0	BSS R	Rp 18,381,343,469,700	Rp 36,761,825,000,000	100 %	50%
		202 1		Rp 18,667,856,937,306	Rp 37,334,838,500,000	100 %	50%
		202 2		Rp 20,580,563,282,694	Rp 41,160,161,500,000	100 %	50%
		202 3		Rp 20,295,358,095,762	Rp 40,589,764,500,000	100 %	50%
		202 4		Rp 21,894,077,079,390	Rp 43,787,127,500,000	100 %	50%
1 3	PT. Bayan Resources Tbk	202 0	BY AN	Rp 25,303,568,085,000	Rp 46,833,335,675,000	100 %	54%
		202 1		Rp 26,252,504,733,170	Rp 47,563,335,711,500	100 %	55%
		202 2		Rp 319,539,010,865,470	Rp 524,366,692,885,000	100 %	61%
		202 3		Rp 315,741,012,360,810	Rp 517,100,025,855,000	100 %	61%
		202 4		Rp 224,078,901,610,950	Rp 557,833,361,225,000	100 %	40%
1 4	PT. Harum Energy Tbk	202 0	HR UM	Rp 1,166,426,995,750	Rp 1,192,638,352,600	100 %	98%

		202 1		Rp 1,413,646,453,385	Rp 2,592,763,099,497	100 %	55%
		202 2		Rp 2,489,673,054,593	Rp 4,057,715,018,970	100 %	61%
		202 3		Rp 3,018,193,068,915	Rp 4,481,929,257,843	100 %	67%
		202 4		Rp 483,259,121,985	Rp 516,899,651,635	100 %	93%
1 5	PT. Mitrabara Adiperdana Tbk	202 0	MB AP	Rp 73,636,315,200	Rp 122,727,195,200	100 %	60%
		202 1		Rp 73,636,315,200	Rp 122,727,195,200	100 %	60%
		202 2		Rp 73,636,315,200	Rp 122,727,195,200	100 %	60%
		202 3		Rp 73,636,315,200	Rp 122,727,195,200	100 %	60%
		202 4		Rp 73,636,315,200	Rp 122,727,195,200	100 %	60%
1 6	PT. Batulicin Nusantara Maritim Tbk	202 0	BES S	Rp 2,695,947,180	Rp 3,412,457,110	100 %	79%
		202 1		Rp 2,695,947,180	Rp 3,402,436,702	100 %	79%
		202 2		Rp 2,695,947,180	Rp 3,433,061,158	100 %	79%
		202 3		Rp 2,695,947,180	Rp 3,440,455,528	100 %	78%
		202 4		Rp 2,695,947,180	Rp 3,440,455,528	100 %	78%

1 7	PT. Dwi Guna Laksana Tbk	202 0	DW GL	Rp 4,489,671,120	Rp 8,711,599,831	100 %	52%
		202 1		Rp 4,489,671,120	Rp 9,244,717,256	100 %	49%
		202 2		Rp 4,489,671,120	Rp 9,252,820,991	100 %	49%
		202 3		Rp 4,489,671,120	Rp 9,252,820,991	100 %	49%
		202 4		Rp 4,489,671,120	Rp 9,252,820,991	100 %	49%
1 8	PT. Sumber Global Energy Tbk	202 0	SGE R	Rp 914,000,000	Rp 1,664,000,000	100 %	55%
		202 1		Rp 1,066,333,333	Rp 1,959,514,668	100 %	54%
		202 2		Rp 2,056,978,332	Rp 3,727,301,685	100 %	55%
		202 3		Rp 2,185,539,477	Rp 4,364,335,706	100 %	50%
		202 4		Rp 7,805,498,131	Rp 15,586,909,438	100 %	50%
1 9	PT. Transcoal Pacific Tbk	202 0	TCP I	Rp 2,749,999,994	Rp 5,000,000,000	100 %	55%
		202 1		Rp 2,749,999,994	Rp 5,000,000,000	100 %	55%
		202 2		Rp 2,749,999,994	Rp 5,000,000,000	100 %	55%
		202 3		Rp 2,749,999,994	Rp 5,000,000,000	100 %	55%

		202 4		Rp 2,749,999,994	Rp 5,000,000,000	100 %	55%
2 0	PT. Trans Power Marine Tbk	202 0	TP MA	Rp 1,568,524,580	Rp 2,633,300,000	100 %	60%
		202 1		Rp 1,520,524,580	Rp 2,633,300,000	100 %	58%
		202 2		Rp 1,520,524,580	Rp 2,633,300,000	100 %	58%
		202 3		Rp 1,499,524,600	Rp 2,633,300,000	100 %	57%
		202 4		Rp 1,499,524,600	Rp 2,633,300,000	100 %	57%
2 1	PT. Astrindo Nusantara Infrastruktur Tbk	202 0	BIPI	Rp 13,646,680,813	Rp 41,042,249,193	100 %	33%
		202 1		Rp 12,352,680,813	Rp 41,042,249,193	100 %	30%
		202 2		Rp 13,646,680,813.000	Rp 41,042,249,193	100 %	33%
		202 3		Rp 12,352,680,813.000	Rp 41,042,249,193	100 %	30%
		202 4		Rp 13,646,680,813.000	Rp 41,042,249,193	100 %	33%
2 2	PT. Energi Mega Persada Tbk	202 0	EN RG	Rp 11,400,000,125	Rp 24,778,966,604	100 %	46%
		202 1		Rp 11,919,017,065	Rp 24,778,966,604	100 %	48%
		202 2		Rp 11,919,017,065	Rp 24,821,230,250	100 %	48%

		202 3		Rp 10,864,456,365	Rp 24,821,230,250	100 %	44%
		202 4		Rp 12,043,108,870	Rp 24,821,230,248	100 %	49%
2 3	PT. Ifishdeco Tbk	202 0	IFS H	Rp 1,709,410,000	Rp 1,922,977,600	100 %	89%
		202 1		Rp 1,709,410,000	Rp 1,922,977,600	100 %	89%
		202 2		Rp 1,709,410,000	Rp 1,922,977,600	100 %	89%
		202 3		Rp 867,000,000	Rp 2,125,000,000	100 %	41%
		202 4		Rp 867,000,000	Rp 2,125,000,000	100 %	41%
2 4	PT. Tembaga Mulia Semanan Tbk	202 0	TB MS	Rp 155,820,000	Rp 367,340,000	100 %	42%
		202 1		Rp 155,820,000	Rp 367,340,000	100 %	42%
		202 2		Rp 155,820,000	Rp 367,340,000	100 %	42%
		202 3		Rp 155,820,000	Rp 367,340,000	100 %	42%
		202 4		Rp 311,640,000	Rp 734,680,000	100 %	42%
2 5	PT. Alakasa Industrindo Tbk	202 0	AL	Rp 81,427,500	Rp 107,250,000	100 %	76%
		202 1	KA	Rp 81,427,500	Rp 107,250,000	100 %	76%

		202 2		Rp 81,427,500	Rp 107,250,000	100 %	76%
		202 3		Rp 81,427,500	Rp 107,250,000	100 %	76%
		202 4		Rp 81,427,500	Rp 107,250,000	100 %	76%
2 6	PT. Cita Mineral Investindo Tbk	202 0	CIT A	Rp 2,401,345,958	Rp 3,960,361,250	100 %	61%
		202 1		Rp 2,401,345,958	Rp 3,960,361,250	100 %	61%
		202 2		Rp 2,401,345,958	Rp 3,960,361,250	100 %	61%
		202 3		Rp 2,401,345,958	Rp 3,960,361,250	100 %	61%
		202 4		Rp 2,399,806,258	Rp 3,960,361,250	100 %	61%

LAMPIRAN 10						
Tabel Bantu Laba Sebelum Pajak						
Variabel XI : ROA						
N o	Kode Perusah aan	Ta hu n	Ku rs	US\$	Rp	Laba Sebelum Pajak
1	ANTM	20 20	14. 05 0		Rp 1,641,178,012, 000	Rp 1,641,178,012,00 0
		20 21	14. 26 9		Rp 3,043,509,000, 000	Rp 3,043,509,000,00 0
		20 22	15. 73 1		Rp 5,214,771,000, 000	Rp 5,214,771,000,00 0
		20 23	15. 51 3		Rp 3,854,481,000, 000	Rp 3,854,481,000,00 0
		20 24	16. 73 5		Rp 4,613,643,000, 000	Rp 4,613,643,000,00 0
2	INCO	20 20	14. 05 0	\$ 104,645.000	Rp 1,470,262.250	Rp 1,470,262.250
		20 21	14. 26 9	\$ 220,645.000	Rp 3,148,383.505	Rp 3,148,383.505
		20 22	15. 73 1	\$ 275,819.000	Rp 4,338,908.689	Rp 4,338,908.689
		20 23	15. 51 3	\$ 352,523.000	Rp 5,468,689.299	Rp 5,468,689.299
		20 24	16. 73 5	\$ 74,060.000	Rp 1,239,394.100	Rp 1,239,394.100
3	ADRO	20 20	14. 05 0	\$ 222,165.000	Rp 3,121,418.250	Rp 3,121,418.250
		20 21	14. 26 9	\$ 1,486,251.000	Rp 21,207,315.519	Rp 21,207,315.519
		20 22	15. 73 1	\$ 4,476,219.000	Rp 70,415,401.089	Rp 70,415,401.089

		20 23	15. 51 3	\$ 1,710,166.000	Rp 26,529,805.158	Rp 26,529,805.158
		20 24	16. 73 5	\$ 1,626,296.000	Rp 27,216,063.560	Rp 27,216,063.560
4	PTBA	20 20	14. 05 0		Rp 3,231,685,000, 000	Rp 3,231,685,000,00 0.000
		20 21	14. 26 9		Rp 10,358,675,000 ,000	Rp 10,358,675,000,0 00.000
		20 22	15. 73 1		Rp 16,202,314,000 ,000	Rp 16,202,314,000,0 00.000
		20 23	15. 51 3		Rp 8,154,313,000, 000	Rp 8,154,313,000,00 0.000
		20 24	16. 73 5		Rp 6,259,246,000, 000	Rp 6,259,246,000,00 0.000
5	MDKA	20 20	14. 05 0	\$ 56,204,449.00 0	Rp 789,672,508.45 0	Rp 789,672,508.450
		20 21	14. 26 9	\$ 56,718,350.00 0	Rp 809,314,136.15 0	Rp 809,314,136.150
		20 22	15. 73 1	\$ 89,940,056.00 0	Rp 1,414,847,020. 936	Rp 1,414,847,020.93 6
		20 23	15. 51 3	\$ 12,338,147.00 0	Rp 191,401,674.41 1	Rp 191,401,674.411
		20 24	16. 73 5	\$ 21,662,581.00 0	Rp 362,523,293.03 5	Rp 362,523,293.035
6	BRMS	20 20	14. 05 0	\$ 13,841,141.00 0	Rp 194,468,031.05 0	Rp 194,468,031.050
		20 21	14. 26 9	\$ 121,292,274.0 00	Rp 1,730,719,457. 706	Rp 1,730,719,457.70 6
		20 22	15. 73 1	\$ 32,542,920.00 0	Rp 511,932,674.52 0	Rp 511,932,674.520

		20 23	15. 51 3	\$ 17,459,213.00 0	Rp 270,844,771.26 9	Rp 270,844,771.269
		20 24	16. 73 5	\$ 33,992,906.00 0	Rp 568,871,281.91 0	Rp 568,871,281.910
7	ITMG	20 20	14. 05 0	\$ 72,553.000	Rp 1,019,369.650	Rp 1,019,369.650
		20 21	14. 26 9	\$ 621,089.000	Rp 8,862,318.941	Rp 8,862,318.941
		20 22	15. 73 1	\$ 1,544,792.000	Rp 24,301,122.952	Rp 24,301,122.952
		20 23	15. 51 3	\$ 644,112.000	Rp 9,992,109.456	Rp 9,992,109.456
		20 24	16. 73 5	\$ 494,821.000	Rp 8,280,829.435	Rp 8,280,829.435
8	GEMS	20 20	14. 05 0	\$ 127,132,647.0 00	Rp 1,786,213,690. 350	Rp 1,786,213,690.35 0
		20 21	14. 26 9	\$ 460,840,753.0 00	Rp 6,575,736,704. 557	Rp 6,575,736,704.55 7
		20 22	15. 73 1	\$ 898,692,704.0 00	Rp 14,137,334,926 .624	Rp 14,137,334,926.6 24
		20 23	15. 51 3	\$ 682,980,975.0 00	Rp 10,595,083,865 .175	Rp 10,595,083,865.1 75
		20 24	16. 73 5	\$ 635,760,266.0 00	Rp 10,639,448,051 .510	Rp 10,639,448,051.5 10
		20 20	14. 05 0	7,801,000	Rp 109,604,050.00 0	Rp 109,604,050.000
9	PSSI	20 21	14. 26 9	130,635,000	Rp 1,864,030,815. 00000	Rp 1,864,030,815.00 0
		20 22	15. 73 1		Rp 5,123,508,045, 000	Rp 5,123,508,045,00 0.000

		20 23	15. 51 3		Rp 1,628,663,331, 000	Rp 1,628,663,331,00 0.000
		20 24	16. 73 5		Rp 1,255,125,000, 000	Rp 1,255,125,000,00 0.000
1 0	TOBA	20 20	14. 05 0	\$ 42,082,914.00 0	Rp 591,264,941.70 0	Rp 591,264,941.700
		20 21	14. 26 9	\$ 86,472,233.00 0	Rp 1,233,872,292. 677	Rp 1,233,872,292.67 7
		20 22	15. 73 1	\$ 114,685,642.0 00	Rp 1,804,119,834. 302	Rp 1,804,119,834.30 2
		20 23	15. 51 3	\$ 32,851,613.00 0	Rp 509,627,072.46 9	Rp 509,627,072.469
		20 24	16. 73 5	\$ 60,877,846.00 0	Rp 1,018,790,752. 810	Rp 1,018,790,752.81 0
1 1	ISSP	20 20	14. 05 0		Rp 155,068,000,00 0	Rp 155,068,000,000. 000
		20 21	14. 26 9		Rp 659,402,000,00 0	Rp 659,402,000,000. 000
		20 22	15. 73 1		Rp 393,231,000,00 0	Rp 393,231,000,000. 000
		20 23	15. 51 3		Rp 640,584,000,00 0	Rp 640,584,000,000. 000
		20 24	16. 73 5		Rp 675,589,000,00 0	Rp 675,589,000,000. 000
1 2	BSSR	20 20	14. 05 0	\$ 40,839,013.00 0	Rp 573,788,132.65 0	Rp 573,788,132.650
		20 21	14. 26 9	\$ 264,208,458.0 00	Rp 3,769,990,487. 202	Rp 3,769,990,487.20 2
		20 22	15. 73 1	\$ 308,781,175.0 00	Rp 4,857,436,663. 925	Rp 4,857,436,663.92 5

		20 23	15. 51 3	\$ 220,589,954.0 00	Rp 3,422,011,956. 402	Rp 3,422,011,956.40 2
		20 24	16. 73 5	\$ 171,630,306.0 00	Rp 2,872,233,170. 910	Rp 2,872,233,170.91 0
1 3	BYAN	20 20	14. 05 0	\$ 426,635,647.0 00	Rp 5,994,230,840. 350	Rp 5,994,230,840.35 0
		20 21	14. 26 9	\$ 1,627,573,741. 000	Rp 23,223,849,710 .329	Rp 23,223,849,710.3 29
		20 22	15. 73 1	\$ 2,945,310,061. 000	Rp 46,332,672,569 .591	Rp 46,332,672,569.5 91
		20 23	15. 51 3	\$ 1,632,968,496. 000	Rp 25,332,240,278 .448	Rp 25,332,240,278.4 48
		20 24	16. 73 5	\$ 1,205,522,529. 000	Rp 20,174,419,522 .815	Rp 20,174,419,522.8 15
1 4	HRUM	20 20	14. 05 0	\$ 64,309,373.00 0	Rp 903,546,690.65 0	Rp 903,546,690.650
		20 21	14. 26 9	\$ 127,541,480.0 00	Rp 1,819,889,378. 120	Rp 1,819,889,378.12 0
		20 22	15. 73 1	\$ 477,547,194.0 00	Rp 7,512,294,908. 814	Rp 7,512,294,908.81 4
		20 23	15. 51 3	\$ 263,000,453.0 00	Rp 4,079,926,027. 389	Rp 4,079,926,027.38 9
		20 24	16. 73 5	\$ 115,105,273.0 00	Rp 1,926,286,743. 655	Rp 1,926,286,743.65 5
1 5	MBAP	20 20	14. 05 0	\$ 37,373,592.00 0	Rp 525,098,967.60 0	Rp 525,098,967.600
		20 21	14. 26 9	\$ 128,896,809.0 00	Rp 1,839,228,567. 621	Rp 1,839,228,567.62 1
		20 22	15. 73 1	\$ 230,655,126.0 00	Rp 3,628,435,787. 106	Rp 3,628,435,787.10 6

		20 23	15. 51 3	\$ 30,734,242.00 0	Rp 476,780,296.14 6	Rp 476,780,296.146
		20 24	16. 73 5	\$ 24,877,363.00 0	Rp 416,322,669.80 5	Rp 416,322,669.805
1 6	BESS	20 20	14. 05 0		Rp 51,194,844,074	Rp 51,194,844,074.0 00
		20 21	14. 26 9		Rp 115,531,892,91 4	Rp 115,531,892,914. 000
		20 22	15. 73 1		Rp 58,803,582,752	Rp 58,803,582,752.0 00
		20 23	15. 51 3		Rp 81,006,518,530	Rp 81,006,518,530.0 00
		20 24	16. 73 5		Rp 30,056,167,760	Rp 30,056,167,760.0 00
1 7	DWGL	20 20	14. 05 0		Rp 14,062,308	Rp 14,062,308.000
		20 21	14. 26 9		Rp 84,446,123	Rp 84,446,123.000
		20 22	15. 73 1		Rp 16,935,909	Rp 16,935,909.000
		20 23	15. 51 3		Rp 23,509,724	Rp 23,509,724.000
		20 24	16. 73 5		Rp 149,854,292	Rp 149,854,292.000
1 8	SGER	20 20	14. 05 0		Rp 40,597,365,323	Rp 40,597,365,323.0 00
		20 21	14. 26 9		Rp 270,778,171,01 0	Rp 270,778,171,010. 000
		20 22	15. 73 1		Rp 748,250,494,75 9	Rp 748,250,494,759. 000

		20 23	15. 51 3		Rp 840,910,489,43 1	Rp 840,910,489,431. 000
		20 24	16. 73 5		Rp 810,943,455,65 8	Rp 810,943,455,658. 000
1 9	TCPI	20 20	14. 05 0		Rp 57,886,000	Rp 57,886,000.000
		20 21	14. 26 9		Rp 85,411,000	Rp 85,411,000.000
		20 22	15. 73 1		Rp 116,698,000	Rp 116,698,000.000
		20 23	15. 51 3		Rp 189,705,000	Rp 189,705,000.000
		20 24	16. 73 5		Rp 93,100,000	Rp 93,100,000.000
2 0	TPMA	20 20	14. 05 0	\$ 2,562,232.000	Rp 35,999,359.600	Rp 35,999,359.600
		20 21	14. 26 9	\$ 4,467,565.000	Rp 63,747,684.985	Rp 63,747,684.985
		20 22	15. 73 1	\$ 15,052,566.00 0	Rp 236,791,915.74 6	Rp 236,791,915.746
		20 23	15. 51 3	\$ 35,064,309.00 0	Rp 543,952,625.51 7	Rp 543,952,625.517
		20 24	16. 73 5	\$ 34,157,847.00 0	Rp 571,631,569.54 5	Rp 571,631,569.545
2 1	BIPI	20 20	14. 05 0	\$ 35,334,706.00 0	Rp 496,452,619.30 0	Rp 496,452,619.300
		20 21	14. 26 9	\$ 28,642,061.00 0	Rp 408,693,568.40 9	Rp 408,693,568.409
		20 22	15. 73 1	\$ 22,341,103.00 0	Rp 351,447,891.29 3	Rp 351,447,891.293

		20 23	15. 51 3	\$ 36,856,749.00 0	Rp 571,758,747.23 7	Rp 571,758,747.237
		20 24	16. 73 5	\$ 41,646,543.00 0	Rp 696,954,897.10 5	Rp 696,954,897.105
2 2	ENRG	20 20	14. 05 0	\$ 108,753,590.0 00	Rp 1,527,987,939. 500	Rp 1,527,987,939.50 0
		20 21	14. 26 9	\$ 130,122,762.0 00	Rp 1,856,721,690. 978	Rp 1,856,721,690.97 8
		20 22	15. 73 1	\$ 140,359,117.0 00	Rp 2,207,989,269. 527	Rp 2,207,989,269.52 7
		20 23	15. 51 3	\$ 101,298,341.0 00	Rp 1,571,441,163. 933	Rp 1,571,441,163.93 3
		20 24	16. 73 5	\$ 78,246,283.00 0	Rp 1,309,451,546. 005	Rp 1,309,451,546.00 5
2 3	IFSH	20 20	14. 05 0		Rp 43,709,603,309 00	Rp 43,709,603,309.0 00
		20 21	14. 26 9		Rp 195,036,015,78 6	Rp 195,036,015,786. 000
		20 22	15. 73 1		Rp 243,411,687,52 7	Rp 243,411,687,527. 000
		20 23	15. 51 3		Rp 294,431,269,69 3	Rp 294,431,269,693. 000
		20 24	16. 73 5		Rp 236,791,916	Rp 236,791,915.746
2 4	TBMS	20 20	14. 05 0	\$ 5,789,667.000	Rp 81,344,821.350	Rp 81,344,821.350
		20 21	14. 26 9	\$ 9,147,154.000	Rp 130,520,740.42 6	Rp 130,520,740.426
		20 22	15. 73 1	\$ 6,155,635.000	Rp 96,834,294.185	Rp 96,834,294.185

		20 23	15. 51 3	\$ 5,689,095.000	Rp 88,254,930.735	Rp 88,254,930.735
		20 24	16. 73 5	\$ 11,465,484.00 0	Rp 191,874,874.74 0	Rp 191,874,874.740
2 5	ALKA	20 20	14. 05 0		Rp 8,177,691,000	Rp 8,177,691,000.00 0
		20 21	14. 26 9		Rp 17,445,033,000	Rp 17,445,033,000.0 00
		20 22	15. 73 1		Rp 48,544,749,000	Rp 48,544,749,000.0 00
		20 23	15. 51 3		Rp 43,295,137,000	Rp 43,295,137,000.0 00
		20 24	16. 73 5		-Rp 3,119,747,000	-Rp 3,119,747,000.00 0
2 6	CITA	20 20	14. 05 0		Rp 841,881,871,41 6	Rp 841,881,871,416. 000
		20 21	14. 26 9		Rp 834,992,881,79 7	Rp 834,992,881,797. 000
		20 22	15. 73 1		Rp 470,453,967,86 0	Rp 470,453,967,860. 000
		20 23	15. 51 3		Rp 775,768,358,43 8	Rp 775,768,358,438. 000
		20 24	16. 73 5		Rp 2,606,410,877, 955	Rp 2,606,410,877,95 5.000

LAMPIRAN 11						
Tabel Bantu Total Asset						
Variabel XI : ROA						
N o	Kode Perusah aan	Ta hu n	Ku rs	US\$	Rp	Total Asset
1	ANTM	20 20	14. 05 0		Rp 31,729,512,995,0 00	Rp 31,729,512,995,0 00
		20 21	14. 26 9		Rp 32,916,154,000,0 00	Rp 32,916,154,000,0 00
		20 22	15. 73 1		Rp 33,637,271,000,0 00	Rp 33,637,271,000,0 00
		20 23	15. 51 3		Rp 42,851,329,000,0 00	Rp 42,851,329,000,0 00
		20 24	16. 73 5		Rp 44,522,654,000,0 00	Rp 44,522,654,000,0 00
2	INCO	20 20	14. 05 0	\$ 2,314,658.00 0	Rp 32,520,944.900	Rp 32,520,944.900
		20 21	14. 26 9	\$ 2,472,828.00 0	Rp 35,284,782.732	Rp 35,284,782.732
		20 22	15. 73 1	\$ 2,658,116.00 0	Rp 41,814,822.796	Rp 41,814,822.796
		20 23	15. 51 3	\$ 2,925,999.00 0	Rp 45,391,022.487	Rp 45,391,022.487
		20 24	16. 73 5	\$ 3,176,528.00 0	Rp 53,159,196.080	Rp 53,159,196.080
3	ADRO	20 20	14. 05 0	\$ 6,381,566.00 0	Rp 89,661,002.300	Rp 89,661,002.300
		20 21	14. 26 9	\$ 7,586,936.00 0	Rp 108,257,989.784	Rp 108,257,989.784
		20 22	15. 73 1	\$ 10,782,307.0 00	Rp 169,616,471.417	Rp 169,616,471.417

		20 23	15. 51 3	\$ 10,472,711.0 00	Rp 162,463,165.743	Rp 162,463,165.743
		20 24	16. 73 5	\$ 10,909,187.0 00	Rp 182,565,244.445	Rp 182,565,244.445
4	PTBA	20 20	14. 05 0		Rp 24,056,755,000,0 00	Rp 24,056,755,000,0 00.000
		20 21	14. 26 9		Rp 36,123,703,000,0 00	Rp 36,123,703,000,0 00.000
		20 22	15. 73 1		Rp 45,359,207,000,0 00	Rp 45,359,207,000,0 00.000
		20 23	15. 51 3		Rp 38,765,189,000,0 00	Rp 38,765,189,000,0 00.000
		20 24	16. 73 5		Rp 41,785,576,000,0 00	Rp 41,785,576,000,0 00.000
5	MDKA	20 20	14. 05 0	\$ 929,606,638. 000	Rp 13,060,973,263.9 00	Rp 13,060,973,263.9 00
		20 21	14. 26 9	\$ 1,278,592,65 9.000	Rp 18,244,238,651.2 71	Rp 18,244,238,651.2 71
		20 22	15. 73 1	\$ 3,876,665,73 5.000	Rp 60,983,828,677.2 85	Rp 60,983,828,677.2 85
		20 23	15. 51 3	\$ 4,964,258,91 5.000	Rp 77,010,548,548.3 95	Rp 77,010,548,548.3 95
		20 24	16. 73 5	\$ 5,237,063,88 4.000	Rp 87,642,264,098.7 40	Rp 87,642,264,098.7 40
6	BRMS	20 20	14. 05 0	\$ 588,143,372. 000	Rp 8,263,414,376.60 0	Rp 8,263,414,376.60 0
		20 21	14. 26 9	\$ 980,443,926. 000	Rp 13,989,954,380.0 94	Rp 13,989,954,380.0 94
		20 22	15. 73 1	\$ 1,080,234,25 1.000	Rp 16,993,165,002,4 81	Rp 16,993,165,002,4 81

		20 23	15. 51 3	\$ 1,104,867,71 9.000	Rp 17,139,812,924.8 47	Rp 17,139,812,924.8 47
		20 24	16. 73 5	\$ 1,154,868,81 0.000	Rp 19,326,729,535.3 50	Rp 19,326,729,535.3 50
7	ITMG	20 20	14. 05 0	\$ 1,158,629.00 0	Rp 16,278,737.450	Rp 16,278,737.450
		20 21	14. 26 9	\$ 1,666,239.00 0	Rp 23,775,564.291	Rp 23,775,564.291
		20 22	15. 73 1	\$ 2,640,177.00 0	Rp 41,532,624.387	Rp 41,532,624.387
		20 23	15. 51 3	\$ 2,187,847.00 0	Rp 33,940,070.511	Rp 33,940,070.511
		20 24	16. 73 5	\$ 2,406,544.00 0	Rp 40,273,513.840	Rp 40,273,513.840
8	GEMS	20 20	14. 05 0	\$ 813,717,765. 000	Rp 11,432,734,598.2 50	Rp 11,432,734,598.2 50
		20 21	14. 26 9	\$ 829,026,937. 000	Rp 11,829,385,364.0 53	Rp 11,829,385,364.0 53
		20 22	15. 73 1	\$ 1,129,086,80 4.000	Rp 17,761,664,513.7 24	Rp 17,761,664,513.7 24
		20 23	15. 51 3	\$ 1,312,042,24 5.000	Rp 20,353,711,346.6 85	Rp 20,353,711,346.6 85
		20 24	16. 73 5	\$ 1,239,571,88 7.000	Rp 20,744,235,528.9 45	Rp 20,744,235,528.9 45
9	PSSI	20 20	14. 05 0	342,843	Rp 4,816,944.150	Rp 4,816,944.150
		20 21	14. 26 9		Rp 8,154,476.658	Rp 8,154,476.658
		20 22	15. 73 1	571,482	Rp -	Rp -

		20 23	15. 51 3		Rp -	Rp -
		20 24	16. 73 5		Rp -	Rp -
1 0	TOBA	20 20	14. 05 0	\$ 771,871,787. 000	Rp 10,844,798,607.3 50	Rp 10,844,798,607.3 50
		20 21	14. 26 9	\$ 858,101,884. 000	Rp 12,244,255,782.7 96	Rp 12,244,255,782.7 96
		20 22	15. 73 1	\$ 899,329,557. 000	Rp 14,147,353,261.1 67	Rp 14,147,353,261.1 67
		20 23	15. 51 3	\$ 947,837,728. 000	Rp 14,703,806,674.4 64	
		20 24	16. 73 5	\$ 893,736,128. 000	Rp 14,956,674,102.0 80	Rp 14,956,674,102.0 80
1 1	ISSP	20 20	14. 05 0		Rp 6,076,604,000,00 0	Rp 6,076,604,000,00 0.000
		20 21	14. 26 9		Rp 7,097,322,000,00 0	Rp 7,097,322,000,00 0.000
		20 22	15. 73 1		Rp 7,405,931,000,00 0	Rp 7,405,931,000,00 0.000
		20 23	15. 51 3		Rp 7,971,708,000,00 0	Rp 7,971,708,000,00 0.000
		20 24	16. 73 5		Rp 8,295,427,000,00 0	Rp 8,295,427,000,00 0.000
1 2	BSSR	20 20	14. 05 0	\$ 263,343,768. 000	Rp 5,738,786,750.65 0	Rp 5,738,786,750.65 0
		20 21	14. 26 9	\$ 435,317,386. 000	Rp 5,466,722,513.92 5	Rp 5,466,722,513.92 5
		20 22	15. 73 1	\$ 404,831,175. 000	Rp 6,368,399,213.92 5	Rp 6,368,399,213.92 5

		20 23	15. 51 3	\$ 408,454,573. 000	Rp 6,336,355,790.94 9	Rp 6,336,355,790.94 9
		20 24	16. 73 5	\$ 383,118,825. 000	Rp 6,411,493,536.37 5	Rp 6,411,493,536.37 5
1 3	BYAN	20 20	14. 05 0	\$ 1,619,725,02 2.000	Rp 22,757,136,559.1 00	Rp 22,757,136,559.1 00
		20 21	14. 26 9	\$ 2,433,712,19 1.000	Rp 34,726,639,253.3 79	Rp 34,726,639,253.3 79
		20 22	15. 73 1	\$ 3,945,458,86 5.000	Rp 62,066,013,405.3 15	Rp 62,066,013,405.3 15
		20 23	15. 51 3	\$ 3,444,319,81 6.000	Rp 53,431,733,305.6 08	Rp 53,431,733,305.6 08
		20 24	16. 73 5	\$ 3,521,455,93 4.000	Rp 58,931,565,055.4 90	Rp 58,931,565,055.4 90

LAMPIRAN 12

Tabel Bantu Total Liabilitas

Variabel X2 : LEVERAGE						
N o	Kode Perusah aan	Ta hu n	Ku rs	US\$	Rp	Total Liabilitas
1	ANTM	20 20	14. 05 0		Rp 12,690,063,970	Rp 12,690,063,970
		20 21	14. 26 9		Rp 12,079,056,000	Rp 12,079,056,000
		20 22	15. 73 1		Rp 9,925,211,000	Rp 9,925,211,000
		20 23	15. 51 3		Rp 11,685,659,000	Rp 11,685,659,000
		20 24	16. 73 5		Rp 12,323,139,000	Rp 12,323,139,000
2	INCO	20 20	14. 05 0	\$ 294,270.000	Rp 4,134,493.500	Rp 4,134,493.500
		20 21	14. 26 9	\$ 318,367.000	Rp 4,542,778.723	Rp 4,542,778.723
		20 22	15. 73 1	\$ 303,336.000	Rp 4,771,778.616	Rp 4,771,778.616
		20 23	15. 51 3	\$ 361,462.000	Rp 5,607,360.006	Rp 5,607,360.006
		20 24	16. 73 5	\$ 443,752.000	Rp 7,426,189.720	Rp 7,426,189.720
3	ADRO	20 20	14. 05 0	\$ 2,429,852.00 0	Rp 34,139,420.600	Rp 34,139,420.600
		20 21	14. 26 9	\$ 3,128,621.00 0	Rp 44,642,293.049	Rp 44,642,293.049
		20 22	15. 73 1	\$ 4,254,969.00 0	Rp 66,934,917.339	Rp 66,934,917.339
		20 23	15. 51	\$ 3,063,961.00	Rp 47,531,226.993	Rp 47,531,226.993

			3	0		
		20 24	16. 73 5	\$ 2,754,874.00 0	Rp 46,102,816.390	Rp 46,102,816.390
4	PTBA	20 20	14. 05 0		Rp 7,117,559,000.00 0	Rp 7,117,559,000.00 0
		20 21	14. 26 9		Rp 11,869,979,000.0 00	Rp 11,869,979,000.0 00
		20 22	15. 73 1		Rp 16,443,161,000.0 00	Rp 16,443,161,000.0 00
		20 23	15. 51 3		Rp 17,201,993,000.0 00	Rp 17,201,993,000.0 00
		20 24	16. 73 5		Rp 19,141,764,000.0 00	Rp 19,141,764,000.0 00
5	MDKA	20 20	14. 05 0	\$ 365,960,757. 000	Rp 5,141,748,635.85 0	Rp 5,141,748,635.85 0
		20 21	14. 26 9	\$ 499,182,362. 000	Rp 7,122,833,123.37 8	Rp 7,122,833,123.37 8
		20 22	15. 73 1	\$ 1,851,832,46 7.000	Rp 29,131,176,538.3 77	Rp 29,131,176,538.3 77
		20 23	15. 51 3	\$ 2,200,203,59 3.000	Rp 34,131,758,338.2 09	Rp 34,131,758,338.2 09
		20 24	16. 73 5	\$ 2,320,487,74 0.000	Rp 38,833,362,328.9 00	Rp 38,833,362,328.9 00
6	BRMS	20 20	14. 05 0	\$ 101,439,727. 000	Rp 1,425,228,164.35 0	Rp 1,425,228,164.35 0
		20 21	14. 26 9	\$ 100,815,468. 000	Rp 1,438,535,912.89 2	Rp 1,438,535,912.89 2
		20 22	15. 73 1	\$ 125,116,714. 000	Rp 1,968,211,027.93 4	Rp 1,968,211,027.93 4
		20 23	15. 51	\$ 135,516,460.	Rp 2,102,266,843.98	Rp 2,102,266,843.98

			3	000	0	0
		20	16.	\$	Rp	Rp
		24	73	160,402,196.	2,684,330,750.06	2,684,330,750.06
			5	000	0	0
7	ITMG	20	14.	\$	Rp	Rp
		20	05	312,339.000	4,388,362.950	4,388,362.950
		20	26	\$	Rp	Rp
		21	9	464,680.000	6,630,518.920	6,630,518.920
		20	15.	\$	Rp	Rp
		22	73	689,897.000	10,852,769.707	10,852,769.707
		20	15.	\$	Rp	Rp
		23	51	399,307.000	6,194,449.491	6,194,449.491
		20	16.	\$	Rp	Rp
		24	73	472,734.000	7,911,203.490	7,911,203.490
8	GEMS	20	14.	\$	Rp	Rp
		20	05	464,283,221.	6,523,179,255.05	6,523,179,255.05
			0	000	0	0
		20	14.	\$	Rp	Rp
		21	26	512,702,894.	7,315,757,594.48	7,315,757,594.48
			9	000	6	6
		20	15.	\$	Rp	Rp
		22	73	570,842,165.	8,979,918,097.61	8,979,918,097.61
			1	000	5	5
		20	15.	\$	Rp	Rp
		23	51	648,930,158.	10,066,853,541.0	10,066,853,541.0
			3	000	54	54
		20	16.	\$	Rp	Rp
		24	73	578,443,998.	9,680,260,306.53	9,680,260,306.53
			5	000	0	0
9	PSSI	20	14.		Rp	Rp
		20	05	70,125	985,256.250	985,256.250
			0			
		20	14.	160,336	Rp	Rp
		21	26		2,287,834.384	2,287,834.384
			9			
		20	15.		Rp	Rp
		22	73		6,194,449.491	6,194,449.491
			1			
		20	15.		Rp	Rp
		23	51		7,911,203.490	7,911,203.490

			3			
		20 24	16. 73 5		Rp 2,900,063,351.13 1	Rp 2,900,063,351.13 1
1 0	TOBA	20 20	14. 05 0	\$ 480,957,627. 000	Rp 6,757,454,659.35 0	Rp 6,757,454,659.35 0
		20 21	14. 26 9	\$ 503,876,557. 000	Rp 7,189,814,591.83 3	Rp 7,189,814,591.83 3
		20 22	15. 73 1	\$ 475,619,264. 000	Rp 7,481,966,641.98 4	Rp 7,481,966,641.98 4
		20 23	15. 51 3	\$ 524,150,083. 000	Rp 8,131,140,237.57 9	Rp 8,131,140,237.57 9
		20 24	16. 73 5	\$ 457,075,898. 000	Rp 7,649,165,153.03 0	Rp 7,649,165,153.03 0
1 1	ISSP	20 20	14. 05 0		Rp 2,741,264,000,00 0.000	Rp 2,741,264,000,00 0.000
		20 21	14. 26 9		Rp 3,310,209,000,00 0.000	Rp 3,310,209,000,00 0.000
		20 22	15. 73 1		Rp 3,261,396,000,00 0.000	Rp 3,261,396,000,00 0.000
		20 23	15. 51 3		Rp 3,353,362,000,00 0.000	Rp 3,353,362,000,00 0.000
		20 24	16. 73 5		Rp 3,251,676,000,00 0.000	Rp 3,251,676,000,00 0.000
1 2	BSSR	20 20	14. 05 0	\$ 72,967,723.0 00	Rp 1,025,196,508.15 0	Rp 1,025,196,508.15 0
		20 21	14. 26 9	\$ 182,704,693. 000	Rp 2,607,013,264.41 7	Rp 2,607,013,264.41 7
		20 22	15. 73 1	\$ 184,353,401. 000	Rp 2,900,063,351.13 1	Rp 2,900,063,351.13 1
		20 23	15. 51	\$ 165,971,113.	Rp 2,574,709,875.96	Rp 2,574,709,875.96

			3	000	9	9
		20 24	16. 73 5	\$ 119,049,246. 000	Rp 1,992,289,131.81 0	Rp 1,992,289,131.81 0
1 3	BYAN	20 20	14. 05 0	\$ 758,171,248. 000	Rp 10,652,306,034.4 00	Rp 10,652,306,034.4 00
		20 21	14. 26 9	\$ 570,805,817. 000	Rp 8,144,828,202.77 3	Rp 8,144,828,202.77 3
		20 22	15. 73 1	\$ 1,950,168,31 8.000	Rp 30,678,097,810.4 58	Rp 30,678,097,810.4 58
		20 23	15. 51 3	\$ 1,465,501,61 4.000	Rp 22,734,326,537.9 82	Rp 22,734,326,537.9 82
		20 24	16. 73 5	\$ 1,207,613,52 3.000	Rp 20,209,412,307.4 05	Rp 20,209,412,307.4 05
1 4	HRUM	20 20	14. 05 0	\$ 43,905,598.0 00	Rp 616,873,651.900	Rp 616,873,651.900
		20 21	14. 26 9	\$ 223,950,846. 000	Rp 3,195,554,621.57 4	Rp 3,195,554,621.57 4
		20 22	15. 73 1	\$ 286,533,351. 000	Rp 4,507,456,144.58 1	Rp 4,507,456,144.58 1
		20 23	15. 51 3	\$ 458,386,742. 000	Rp 7,110,953,528.64 6	Rp 7,110,953,528.64 6
		20 24	16. 73 5	\$ 791,884,570. 000	Rp 13,252,188,278.9 50	Rp 13,252,188,278.9 50
1 5	MBAP	20 20	14. 05 0	\$ 43,752,926.0 00	Rp 614,728,610.300	Rp 614,728,610.300
		20 21	14. 26 9	\$ 57,736,778.0 00	Rp 823,846,085.282	Rp 823,846,085.282
		20 22	15. 73 1	\$ 56,282,011.0 00	Rp 885,372,315.041	Rp 885,372,315.041
		20 23	15. 51	\$ 56,712,853.0	Rp 879,786,488.589	Rp 879,786,488.589

			3	00		
		20 24	16. 73 5	\$ 50,931,125.0 00	Rp 852,332,376.875	Rp 852,332,376.875
1 6	BESS	20 20	14. 05 0		Rp 51,194,844,074.0 00	Rp 51,194,844,074.0 00
		20 21	14. 26 9		Rp 115,531,892,914. 000	Rp 115,531,892,914. 000
		20 22	15. 73 1		Rp 58,803,582,752.0 00	Rp 58,803,582,752.0 00
		20 23	15. 51 3		Rp 81,006,518,530.0 00	Rp 81,006,518,530.0 00
		20 24	16. 73 5		Rp 30,056,167,760.0 00	Rp 30,056,167,760.0 00
1 7	DWGL	20 20	14. 05 0		Rp 14,062,308.000	Rp 14,062,308.000
		20 21	14. 26 9		Rp 84,446,123.000	Rp 84,446,123.000
		20 22	15. 73 1		Rp 16,935,909.000	Rp 16,935,909.000
		20 23	15. 51 3		Rp 23,509,724.000	Rp 23,509,724.000
		20 24	16. 73 5		Rp 149,854,292.000	Rp 149,854,292.000
1 8	SGER	20 20	14. 05 0		Rp 40,597,365,323.0 00	Rp 40,597,365,323.0 00
		20 21	14. 26 9		Rp 270,778,171,010. 000	Rp 270,778,171,010. 000
		20 22	15. 73 1		Rp 748,250,494,759. 000	Rp 748,250,494,759. 000
		20 23	15. 51		Rp 840,910,489,431.	Rp 840,910,489,431.

			3		000	000
		20 24	16. 73 5		Rp 810,943,455,658. 000	Rp 810,943,455,658. 000
1 9	TCPI	20 20	14. 05 0		Rp 57,886,000.000	Rp 57,886,000.000
		20 21	14. 26 9		Rp 85,411,000.000	Rp 85,411,000.000
		20 22	15. 73 1		Rp 116,698,000.000	Rp 116,698,000.000
		20 23	15. 51 3		Rp 189,705,000.000	Rp 189,705,000.000
		20 24	16. 73 5		Rp 93,100,000.000	Rp 93,100,000.000
2 0	TPMA	20 20	14. 05 0	\$ 26,757,516.0 00	Rp 375,943,099.800	Rp 375,943,099.800
		20 21	14. 26 9	\$ 22,190,861.0 00	Rp 316,641,395.609	Rp 316,641,395.609
		20 22	15. 73 1	\$ 18,550,940.0 00	Rp 291,824,837.140	Rp 291,824,837.140
		20 23	15. 51 3	\$ 24,882,851.0 00	Rp 386,007,667.563	Rp 386,007,667.563
		20 24	16. 73 5	\$ 98,917,276.0 00	Rp 1,655,380,613.86 0	Rp 1,655,380,613.86 0
2 1	BIPI	20 20	14. 05 0	\$ 958,118,148. 000	Rp 13,461,559,979.4 00	Rp 13,461,559,979.4 00
		20 21	14. 26 9	\$ 547,943,055. 000	Rp 7,818,599,451.79 5	Rp 7,818,599,451.79 5
		20 22	15. 73 1	\$ 594,071,261. 000	Rp 9,345,335,006.79 1	Rp 9,345,335,006.79 1
		20 23	15. 51	\$ 1,183,610,39	Rp 18,361,348,057.6	Rp 18,361,348,057.6

			3	5.000	35	35
		20 24	16. 73 5	\$ 1,098,802,13 5.000	Rp 18,388,453,729.2 25	Rp 18,388,453,729.2 25
2 2	ENRG	20 20	14. 05 0	\$ 632,443,542. 000	Rp 8,885,831,765.10 0	Rp 8,885,831,765.10 0
		20 21	14. 26 9	\$ 614,608,871. 000	Rp 8,769,853,980.29 9	Rp 8,769,853,980.29 9
		20 22	15. 73 1	\$ 679,404,122. 000	Rp 10,687,706,243.1 82	Rp 10,687,706,243.1 82
		20 23	15. 51 3	\$ 783,652,104. 000	Rp 12,156,795,089.3 52	Rp 12,156,795,089.3 52
		20 24	16. 73 5	\$ 844,991,599. 000	Rp 14,140,934,409.2 65	Rp 14,140,934,409.2 65
2 3	IFSH	20 20	14. 05 0		Rp 43,709,603,309.0 00	Rp 43,709,603,309.0 00
		20 21	14. 26 9		Rp 195,036,015,786. 000	Rp 195,036,015,786. 000
		20 22	15. 73 1		Rp 243,411,687,527. 000	Rp 243,411,687,527. 000
		20 23	15. 51 3		Rp 294,431,269,693. 000	Rp 294,431,269,693. 000
		20 24	16. 73 5		Rp 14,062,308.000	Rp 14,062,308.000
2 4	TBMS	20 20	14. 05 0	\$ 105,412,893. 000	Rp 1,481,051,146.65 0	Rp 1,481,051,146.65 0
		20 21	14. 26 9	\$ 89,795,994.0 00	Rp 1,281,299,038.38 6	Rp 1,281,299,038.38 6
		20 22	15. 73 1	\$ 73,328,601.0 00	Rp 1,153,532,222.33 1	Rp 1,153,532,222.33 1
		20 23	15. 51	\$ 76,174,248.0	Rp 1,181,691,109.22	Rp 1,181,691,109.22

			3	00	4	4
		20	16.	\$	Rp	Rp
		24	73	76,509,608.0	1,280,388,289.88	1,280,388,289.88
			5	00	0	0
2 5	ALKA	20	14.		Rp	Rp
		20	05		313,427,196.000	313,427,196.000
		20	26		Rp	Rp
		21	9		370,570,531.000	370,570,531.000
		20	15.		Rp	Rp
		22	73		455,181,958.000	455,181,958.000
		20	15.		Rp	Rp
		23	51		131,385,685.000	131,385,685.000
		20	16.		Rp	Rp
		24	73		12,332,295.000	12,332,295.000
2 6	CITA	20	14.		Rp	Rp
		20	05		686,128,746,815.000	686,128,746,815.000
		20	14.		Rp	Rp
		21	26		635,243,465,372.000	635,243,465,372.000
		20	15.		Rp	Rp
		22	73		932,716,882,196.000	932,716,882,196.000
		20	15.		Rp	Rp
		23	51		775,768,358,438.000	775,768,358,438.000
		20	16.		Rp	Rp
		24	73		322,598,456,175.000	322,598,456,175.000

LAMPIRAN 13

Tabel Bantu Total Ekuitas

Variabel X2 : LEVERAGE

N o	Kode Perusa	Ta hu	K ur	US\$	Rp	Total Ekuitas
--------	----------------	----------	---------	------	----	---------------

	haan	n	s			
1	ANTM	20 20	14 .0 50		Rp 19,039,449,025	Rp 19,039,449,025
		20 21	14 .2 69		Rp 32,916,154,000	Rp 32,916,154,000
		20 22	15 .7 31		Rp 33,637,271,000	Rp 33,637,271,000
		20 23	15 .5 13		Rp 31,165,670,000	Rp 31,165,670,000
		20 24	16 .7 35		Rp 44,522,645,000	Rp 44,522,645,000
2	INCO	20 20	14 .0 50	\$ 2,020,388.000	Rp 28,386,451.400	Rp 28,386,451.400
		20 21	14 .2 69	\$ 2,154,461.000	Rp 30,742,004.009	Rp 30,742,004.009
		20 22	15 .7 31	\$ 2,354,780.000	Rp 37,043,044.180	Rp 37,043,044.180
		20 23	15 .5 13	\$ 2,564,537.000	Rp 39,783,662.481	Rp 39,783,662.481
		20 24	16 .7 35	\$ 2,732,776.000	Rp 45,733,006.360	Rp 45,733,006.360
3	ADRO	20 20	14 .0 50	\$ 3,951,714.000	Rp 55,521,581.700	Rp 55,521,581.700
		20 21	14 .2 69	\$ 4,458,315.000	Rp 63,615,696.735	Rp 63,615,696.735
		20 22	15 .7 31	\$ 6,527,338.000	Rp 102,681,554.078	Rp 102,681,554.078
		20 23	15 .5 13	\$ 7,408,750.000	Rp 114,931,938.750	Rp 114,931,938.750
		20 24	16 .7	\$ 8,154,313.000	Rp 136,462,428.05	Rp 136,462,428.055

			35		5	
4	PTBA	20	14		Rp	Rp
		20	.0		16,939,196,000.	16,939,196,000.0
		20	50		000	00
		20	14		Rp	Rp
		21	.2		24,253,724,000.	24,253,724,000.0
		21	69		000	00
4	PTBA	20	15		Rp	Rp
		20	.7		28,916,046,000.	28,916,046,000.0
		22	31		000	00
		20	15		Rp	Rp
		23	.5		21,563,196,000.	21,563,196,000.0
		23	13		000	00
4	PTBA	20	16		Rp	Rp
		20	.7		22,643,812,000.	22,643,812,000.0
		24	35		000	00
5	MDKA	20	14		Rp	Rp
		20	.0	\$	7,919,224,628.0	7,919,224,628.05
		20	50	563,645,881.000	50	0
		20	14	\$	Rp	Rp
		21	.2	779,410,297.000	11,121,405,527.893	11,121,405,527.893
5	MDKA	20	15	\$	Rp	Rp
		20	.7	2,024,833,268.000	31,852,652,138.908	31,852,652,138.908
		22	31			
		20	15	\$	Rp	Rp
		23	.5	2,764,055,322.000	42,878,790,210.186	42,878,790,210.186
5	MDKA	20	16	\$	Rp	Rp
		20	.7	2,916,576,144.000	48,808,901,769.840	48,808,901,769.840
		24	35			
6	BRMS	20	14	\$	Rp	Rp
		20	.0	486,703,645.000	6,838,186,212.250	6,838,186,212.250
		20	50			
		20	14	\$	Rp	Rp
		21	.2	879,628,458.000	12,551,418,467.202	12,551,418,467.202
6	BRMS	20	15	\$	Rp	Rp
		20	.7	955,117,537.000	15,024,953,974.547	15,024,953,974.547
		22	31			
		20	15	\$	Rp	Rp
		23	.5	969,351,259.000	15,037,546,080.867	15,037,546,080.867
6	BRMS	20	16	\$	Rp	Rp
		20	.7	994,466,614.000	16,642,398,785.2	16,642,398,785.2
		24				

			35		290	90
7	ITMG	20	14			
		20	.0	\$	Rp	Rp
		20	50	846,290.000	11,890,374.500	11,890,374.500
		20	14			
		20	.2	\$	Rp	Rp
		21	69	1,201,559.000	17,145,045.371	17,145,045.371
	ITMG	20	15			
		20	.7	\$	Rp	Rp
		22	31	1,950,280.000	30,679,854.680	30,679,854.680
		20	15			
		20	.5	\$	Rp	Rp
		23	13	1,788,540.000	27,745,621.020	27,745,621.020
	ITMG	20	16			
		20	.7	\$	Rp	Rp
		24	35	1,933,810.000	32,362,310.350	62,582,559,377,9 33.500
8	GEMS	20	14		Rp	Rp
		20	.0	\$	4,909,555,343.2	4,909,555,343.20
		20	50	349,434,544.000	00	0
		20	14		Rp	Rp
		20	.2	\$	4,513,627,769.5	4,513,627,769.56
		21	69	316,324,043.000	67	7
		20	15		Rp	Rp
		20	.7	\$	8,781,746,416.1	8,781,746,416.10
		22	31	558,244,639.000	09	9
		20	15		Rp	Rp
		23	.5	\$	10,286,857,805.6	10,286,857,805.6
		23	13	663,112,087.000	631	31
	GEMS	20	16		Rp	Rp
		20	.7	\$	11,063,975,222.4	11,063,975,222.4
		24	35	661,127,889.000	415	15
9	PSSI	20	14			
		20	.0		Rp	Rp
		20	50	198,013	2,782,082.650	2,782,082.650
		20	14			
		20	.2		Rp	Rp
		21	69	322,451	4,601,053.319	4,601,053.319
	PSSI	20	15		Rp	Rp
		20	.7		42,878,790,210.1	42,878,790,210.1
		22	31		186	86
		20	15		Rp	Rp
		20	.5		48,808,901,769.8	48,808,901,769.8
		23	13		840	40
	PSSI	20	16		Rp	Rp
		24	.7		6,838,186,212.2	6,838,186,212.25

			35		50	0
1 0	TOBA	20 20	14 .0 50	\$ 290,914,160.000	Rp 4,087,343,948.0 00	Rp 4,087,343,948.00 0
		20 21	14 .2 69	\$ 354,225,327.000	Rp 5,054,441,190.9 63	Rp 5,054,441,190.96 3
		20 22	15 .7 31	\$ 423,710,293.000	Rp 6,665,386,619.1 83	Rp 6,665,386,619.18 3
		20 23	15 .5 13	\$ 423,687,645.000	Rp 6,572,666,436.8 85	Rp 6,572,666,436.88 5
		20 24	16 .7 35	\$ 436,660,230.000	Rp 7,307,508,949.0 50	Rp 7,307,508,949.05 0
1 1	ISSP	20 20	14 .0 50		Rp 3,335,340,000,0 00.000	Rp 3,335,340,000,00 0.000
		20 21	14 .2 69		Rp 7,097,322,000,0 00.000	Rp 7,097,322,000,00 0.000
		20 22	15 .7 31		Rp 4,144,535,000,0 00.000	Rp 4,144,535,000,00 0.000
		20 23	15 .5 13		Rp 4,618,346,000,0 00.000	Rp 4,618,346,000,00 0.000
		20 24	16 .7 35		Rp 5,043,751,000,0 00.000	Rp 5,043,751,000,00 0.000
1 2	BSSR	20 20	14 .0 50	\$ 190,376,045.000	Rp 2,674,783,432.2 50	Rp 2,674,783,432.25 0
		20 21	14 .2 69	\$ 252,612,693.000	Rp 3,604,530,516.4 17	Rp 3,604,530,516.41 7
		20 22	15 .7 31	\$ 220,477,774.000	Rp 3,468,335,862.7 94	Rp 3,468,335,862.79 4
		20 23	15 .5 13	\$ 242,483,460.000	Rp 3,761,645,914.9 80	Rp 3,761,645,914.98 0
		20 24	16 .7	\$ 264,069,579.000	Rp 4,419,204,404.5	Rp 4,419,204,404.56

			35		65	5
1 3	BYAN	20 20	14 .0 50	\$ 861,553,774.000	Rp 12,104,830,524. 700	Rp 12,104,830,524.7 00
		20 21	14 .2 69	\$ 1,862,906,374.0 00	Rp 26,581,811,050. 606	Rp 26,581,811,050.6 06
		20 22	15 .7 31	\$ 1,995,290,547.0 00	Rp 31,387,915,594. 857	Rp 31,387,915,594.8 57
		20 23	15 .5 13	\$ 1,978,818,202.0 00	Rp 30,697,406,767. 626	Rp 30,697,406,767.6 26
		20 24	16 .7 35	\$ 2,313,842,411.0 00	Rp 38,722,152,748. 085	Rp 38,722,152,748.0 85
1 4	HRUM	20 20	14 .0 50	\$ 454,796,618.000	Rp 6,389,892,482.9 00	Rp 6,389,892,482.90 0
		20 21	14 .2 69	\$ 650,670,753.000	Rp 9,284,420,974.5 57	Rp 9,284,420,974.55 7
		20 22	15 .7 31	\$ 992,272,505.000	Rp 15,609,438,776. 155	Rp 15,609,438,776.1 55
		20 23	15 .5 13	\$ 1,174,720,450.0 00	Rp 18,223,438,340. 850	Rp 18,223,438,340.8 50
		20 24	16 .7 35	\$ 1,782,654,522.0 00	Rp 29,832,723,425. 670	Rp 29,832,723,425.6 70
1 5	MBAP	20 20	14 .0 50	\$ 138,220,176.000	Rp 1,941,993,472.8 00	Rp 1,941,993,472.80 0
		20 21	14 .2 69	\$ 199,983,661.000	Rp 2,853,566,858.8 09	Rp 2,853,566,858.80 9
		20 22	15 .7 31	\$ 250,265,760.000	Rp 3,936,930,670.5 60	Rp 3,936,930,670.56 0
		20 23	15 .5 13	\$ 172,787,797.000	Rp 2,680,457,094.8 61	Rp 2,680,457,094.86 1
		20 24	16 .7	\$ 186,254,960.000	Rp 3,116,976,755.6	Rp 3,116,976,755.60

			35		00	0
1 6	BESS	20 20	14 .0 50		Rp 620,407,533,33 4.000	Rp 620,407,533,334. 000
		20 21	14 .2 69		Rp 667,408,015,35 4.000	Rp 667,408,015,354. 000
		20 22	15 .7 31		Rp 773,525,076,55 2.000	Rp 773,525,076,552. 000
		20 23	15 .5 13		Rp 686,415,160,44 3.000	Rp 686,415,160,443. 000
		20 24	16 .7 35		Rp 662,130,488,60 3.000	Rp 662,130,488,603. 000
1 7	DWGL	20 20	14 .0 50		Rp 703,672,417.00 0	Rp 703,672,417.000
		20 21	14 .2 69		Rp 1,245,705,842.0 00	Rp 1,245,705,842.00 0
		20 22	15 .7 31		Rp 1,421,234,992.0 00	Rp 1,421,234,992.00 0
		20 23	15 .5 13		Rp 1,844,239,416.0 00	Rp 1,844,239,416.00 0
		20 24	16 .7 35		Rp 1,600,005,249.0 00	Rp 1,600,005,249.00 0
1 8	SGER	20 20	14 .0 50		Rp 685,998,877,29 5.000	Rp 685,998,877,295. 000
		20 21	14 .2 69		Rp 1,237,084,547,8 55.000	Rp 1,237,084,547,85 5.000
		20 22	15 .7 31		Rp 3,370,495,011,9 62.000	Rp 3,370,495,011,96 2.000
		20 23	15 .5 13		Rp 4,576,848,746,8 78.000	Rp 4,576,848,746,87 8.000
		20 24	16 .7		Rp 4,638,206,457,1	Rp 4,638,206,457,16

			35		68.000	8.000
1 9	TCPI	20 20	14 .0 50		Rp 2,752,211,000.00	Rp 2,752,211,000.00
		20 21	14 .2 69		Rp 2,847,296,000.00	Rp 2,847,296,000.00
		20 22	15 .7 31		Rp 2,809,869,000.00	Rp 2,809,869,000.00
		20 23	15 .5 13		Rp 3,509,253,000.00	Rp 3,509,253,000.00
		20 24	16 .7 35		Rp 3,684,202,000.00	Rp 3,684,202,000.00
2 0	TPMA	20 20	14 .0 50	\$ 77,003,751.000	Rp 1,081,902,701.550	Rp 1,081,902,701.550
		20 21	14 .2 69	\$ 77,065,519.000	Rp 1,099,647,890.611	Rp 1,099,647,890.611
		20 22	15 .7 31	\$ 88,830,704.000	Rp 1,397,395,804.624	Rp 1,397,395,804.624
		20 23	15 .5 13	\$ 92,524,052.000	Rp 1,435,325,618.676	Rp 1,435,325,618.676
		20 24	16 .7 35	\$ 148,995,066.000	Rp 2,493,432,429.510	Rp 2,493,432,429.510
2 1	BIPI	20 20	14 .0 50	\$ 385,567,334.000	Rp 5,417,221,042.700	Rp 5,417,221,042.700
		20 21	14 .2 69	\$ 405,577,690.000	Rp 5,787,188,058.610	Rp 5,787,188,058.610
		20 22	15 .7 31	\$ 536,208,863.000	Rp 8,435,101,623.853	Rp 8,435,101,623.853
		20 23	15 .5 13	\$ 573,776,445.000	Rp 8,900,993,991.285	Rp 8,900,993,991.285
		20 24	16 .7	\$ 591,400,242.000	Rp 9,897,083,049.8	Rp 9,897,083,049.87

			35		70	0
2 2	ENRG	20 20	14 .0 50	\$ 212,174,466.000	Rp 2,981,051,247.3 00	Rp 2,981,051,247.30 0
		20 21	14 .2 69	\$ 448,966,978.000	Rp 6,406,309,809.0 82	Rp 6,406,309,809.08 2
		20 22	15 .7 31	\$ 514,926,286.000	Rp 8,100,305,405.0 66	Rp 8,100,305,405.06 6
		20 23	15 .5 13	\$ 585,105,017.000	Rp 9,076,734,128.7 21	Rp 9,076,734,128.72 1
		20 24	16 .7 35	\$ 635,904,685.000	Rp 10,641,864,903. 475	Rp 10,641,864,903.4 75
2 3	IFSH	20 20	14 .0 50		Rp 1,149,320,763,2 56.000	Rp 1,149,320,763,25 6.000
		20 21	14 .2 69		Rp 1,008,502,142,2 33.000	Rp 1,008,502,142,23 3.000
		20 22	15 .7 31		Rp 1,091,201,798,9 08.000	Rp 1,091,201,798,90 8.000
		20 23	15 .5 13		Rp 1,072,483,806,6 16.000	Rp 1,072,483,806,61 6.000
		20 24	16 .7 35		Rp 1,001,020,071.6 60	Rp 1,001,020,071.66 0
2 4	TBMS	20 20	14 .0 50	\$ 51,420,353.000	Rp 722,455,959.65 0	Rp 722,455,959.650
		20 21	14 .2 69	\$ 57,440,104.000	Rp 819,612,843.97 6	Rp 819,612,843.976
		20 22	15 .7 31	\$ 61,563,346.000	Rp 968,452,995.92 6	Rp 968,452,995.926
		20 23	15 .5 13	\$ 64,527,820.000	Rp 1,001,020,071.6 60	Rp 1,001,020,071.66 0
		20 24	16 .7	\$ 73,350,263.000	Rp 1,227,516,651.3	Rp 1,227,516,651.30

			35		05	5
25	ALKA	20	14		Rp	
		20	.0		105,203,706.00	Rp
		20	50		0	105,203,706.000
		20	14		Rp	
		20	.2		128,822,522.00	Rp
26	CITA	21	69		0	128,822,522.000
		20	15		Rp	
		20	.7		183,770,843.00	Rp
		22	31		0	183,770,843.000
		20	15		Rp	
26	CITA	20	.5		208,358,088.00	Rp
		23	13		0	208,358,088.000
		20	16		Rp	
		20	.7		211,913,369.00	Rp
		24	35		0	211,913,369.000
26	CITA	20	14		Rp	
		20	.0		3,453,893,913,6	Rp
		20	50		35.000	3,453,893,913,63
		20	14		Rp	
		20	.2		3,670,508,924,2	Rp
26	CITA	21	69		74.000	3,670,508,924,27
		20	15		Rp	
		20	.7		4,281,097,892,2	Rp
		22	31		63.000	4,281,097,892,26
		20	15		Rp	
26	CITA	20	.5		5,521,398,735,1	Rp
		23	13		14.000	5,521,398,735,11
		20	16		Rp	
		20	.7		7,621,208,264,6	Rp
		24	35		73.000	7,621,208,264,67

LAMPIRAN 14						
Tabel Bantu Total Asset Tetap						
Variabel X3 : CAPITAL INTENSITY						
N o	Kode Perusa	Ta hu	K ur	US\$	Rp	Total Asset Tetap

	haan	n	s			
1	ANTM	20 20	14 .0 50		Rp 22,578,999,000	Rp 22,578,999,000
		20 21	14 .2 69		Rp 21,188,011,000	Rp 21,188,011,000
		20 22	15 .7 31		Rp 21,942,492,000	Rp 21,942,492,000
		20 23	15 .5 13		Rp 22,786,783,000	Rp 22,786,783,000
		20 24	16 .7 35		Rp 26,530,670,000	Rp 26,530,670,000
2	INCO	20 20	14 .0 50	\$ 1,618,686.000	Rp 22,742,538.300	Rp 22,742,538.300
		20 21	14 .2 69	\$ 1,636,252.000	Rp 23,347,679.788	Rp 23,347,679.788
		20 22	15 .7 31	\$ 1,668,314.000	Rp 26,244,247.534	Rp 26,244,247.534
		20 23	15 .5 13	\$ 1,892,880.000	Rp 29,364,247.440	Rp 29,364,247.440
		20 24	16 .7 35	\$ 2,171,754.000	Rp 36,344,303.190	Rp 36,344,303.190
3	ADRO	20 20	14 .0 50	\$ 4,649,699.000	Rp 65,328,270.950	Rp 65,328,270.950
		20 21	14 .2 69	\$ 4,748,804.000	Rp 67,760,684.276	Rp 67,760,684.276
		20 22	15 .7 31	\$ 5,462,998.000	Rp 85,938,421.538	Rp 85,938,421.538
		20 23	15 .5 13	\$ 6,170,678.000	Rp 95,725,727.814	Rp 95,725,727.814
		20 24	16 .7	\$ 6,772,158.000	Rp 113,332,064.13	Rp 113,332,064.130

			35		0	
4	PTBA	20	14			
		20	.0		Rp	Rp
		20	50		8,364,356.000	8,364,356.000
		20	14			
		20	.2		Rp	Rp
5	MDKA	20	69		18,211,500.000	18,211,500.000
		20	15			
		20	.7		Rp	Rp
		20	31		6,594,018.000	6,594,018.000
		20	15			
6	BRMS	20	.5		Rp	Rp
		20	13		15,148,356.000	15,148,356.000
		20	16			
		20	.7		Rp	Rp
		20	35		15,233,514.000	15,233,514.000
7	MDKA	20	14			
		20	.0	\$	Rp	Rp
		20	50	730,297,941.000	10,260,686,071.050	10,260,686,071.050
		20	14			
		20	.2	\$	Rp	Rp
8	MDKA	20	69	867,277,615.000	12,375,184,288.435	12,375,184,288.435
		20	15			
		20	.7	\$	Rp	Rp
		20	31	2,980,986,193.000	46,893,893,802.083	46,893,893,802.083
		20	15			
9	MDKA	20	.5	\$	Rp	Rp
		20	13	3,757,427,471.000	58,288,972,357.623	58,288,972,357.623
		20	16			
		20	.7	\$	Rp	Rp
		20	35	4,009,467,126.000	67,098,432,353.610	67,098,432,353.610
10	BRMS	20	14			
		20	.0	\$	Rp	Rp
		20	50	541,152,072.000	7,603,186,611.600	7,603,186,611.600
		20	14			
		20	.2	\$	Rp	Rp
11	BRMS	20	69	731,160,692.000	10,432,931,914.148	10,432,931,914.148
		20	15			
		20	.7	\$	Rp	Rp
		20	31	895,835,286.000	14,092,384,884.066	14,092,384,884.066
		20	15			
12	BRMS	20	.5	\$	Rp	Rp
		20	13	959,035,411.000	14,877,516,330.843	14,877,516,330.843
		20	16			
		20	.7	\$	Rp	Rp
		20	35	960,040,611.000	16,066,279,625.000	16,066,279,625.000

			35		085	85
7	ITMG	20	14			
		20	.0	\$	Rp	Rp
		20	50	748,991.000	10,523,323.550	10,523,323.550
		20	14			
		20	.2	\$	Rp	Rp
8	GEMS	21	69	678,215.000	9,677,449.835	9,677,449.835
		20	15			
		20	.7	\$	Rp	Rp
		22	31	731,632.000	11,509,302.992	11,509,302.992
		20	15			
9	PSSI	20	.5	\$	Rp	Rp
		23	13	907,975.000	14,085,416.175	14,085,416.175
		20	16			
		20	.7	\$	Rp	Rp
		24	35	1,001,790.000	16,764,955.650	16,764,955.650
8	GEMS	20	14		Rp	Rp
		20	.0	\$	5,702,347,485.5	5,702,347,485.55
		20	50	405,861,031.000	50	0
		20	14		Rp	Rp
		20	.2	\$	5,634,351,872.1	5,634,351,872.12
8	GEMS	21	69	394,866,625.000	25	5
		20	15		Rp	Rp
		20	.7	\$	6,367,390,243.3	6,367,390,243.31
		22	31	404,767,036.000	16	6
		20	15		Rp	Rp
8	GEMS	20	.5	\$	7,292,165,876.8	7,292,165,876.83
		23	13	470,068,064.000	32	2
		20	16		Rp	Rp
		20	.7	\$	8,928,286,921.3	8,928,286,921.37
		24	35	533,509,825.000	75	5
9	PSSI	20	14		Rp	Rp
		20	.0	\$	4,590,243,536.2	4,590,243,536.25
		20	50	326,707,725.000	50	0
		20	14		Rp	Rp
		20	.2	\$	6,057,853,109.5	6,057,853,109.55
9	PSSI	21	69	424,546,437.000	53	3
		20	15		Rp	Rp
		20	.7	\$	8,883,186,967.3	8,883,186,967.32
		22	31	564,693,088.000	28	8
		20	15		Rp	Rp
9	PSSI	20	.5	\$	11,140,566,615.	11,140,566,615.4
		23	13	718,143,919.000	447	47
		20	16		Rp	Rp
9	PSSI	24	.7	\$	13,348,468,532.	13,348,468,532.7
		24	.7	797,637,797.000		

			35		795	95
1 0	TOBA	20 20	14 .0 50	\$ 701,512,418.000	Rp 9,856,249,472.9 00	Rp 9,856,249,472.90 0
		20 21	14 .2 69	\$ 649,083,178.000	Rp 9,261,767,866.8 82	Rp 9,261,767,866.88 2
		20 22	15 .7 31	\$ 638,053,989.000	Rp 10,037,227,300. 959	Rp 10,037,227,300.9 59
		20 23	15 .5 13	\$ 709,957,511.000	Rp 11,013,570,868. 143	Rp 11,013,570,868.1 43
		20 24	16 .7 35	\$ 663,861,386.000	Rp 11,109,720,294. 710	Rp 11,109,720,294.7 10
1 1	ISSP	20 20	14 .0 50		Rp 3,113,612,000.0 00	Rp 3,113,612,000.00 0
		20 21	14 .2 69		Rp 4,422,689,000.0 00	Rp 4,422,689,000.00 0
		20 22	15 .7 31		Rp 4,401,410,000.0 00	Rp 4,401,410,000.00 0
		20 23	15 .5 13		Rp 5,074,574,000.0 00	Rp 5,074,574,000.00 0
		20 24	16 .7 35		Rp 5,254,241,000.0 00	Rp 5,254,241,000.00 0
1 2	BSSR	20 20	14 .0 50	\$ 167,375,742.000	Rp 2,351,629,175.1 00	Rp 2,351,629,175.10 0
		20 21	14 .2 69	\$ 163,533,344.000	Rp 2,333,457,285.5 36	Rp 2,333,457,285.53 6
		20 22	15 .7 31	\$ 191,586,476.000	Rp 3,013,846,853.9 56	Rp 3,013,846,853.95 6
		20 23	15 .5 13	\$ 196,607,535.000	Rp 3,049,972,690.4 55	Rp 3,049,972,690.45 5
		20 24	16 .7	\$ 192,983,173.000	Rp 3,229,573,400.1	Rp 3,229,573,400.15

			35		55	5
1 3	BYAN	20 20	14 .0 50	\$ 769,275,004.000	Rp 10,808,313,806. 200	Rp 10,808,313,806.2 00
		20 21	14 .2 69	\$ 1,418,432,789.0 00	Rp 20,239,617,466. 241	Rp 20,239,617,466.2 41
		20 22	15 .7 31	\$ 2,400,423,237.0 00	Rp 37,761,057,941. 247	Rp 37,761,057,941.2 47
		20 23	15 .5 13	\$ 1,901,194,115.0 00	Rp 29,493,224,305. 995	Rp 29,493,224,305.9 95
		20 24	16 .7 35	\$ 1,765,563,829.0 00	Rp 29,546,710,678. 315	Rp 29,546,710,678.3 15
1 4	HRUM	20 20	14 .0 50	\$ 249,246,394.000	Rp 3,501,911,835.7 00	Rp 3,501,911,835.70 0
		20 21	14 .2 69	\$ 627,009,792.000	Rp 8,946,802,722.0 48	Rp 8,946,802,722.04 8
		20 22	15 .7 31	\$ 759,515,745.000	Rp 11,947,942,184. 595	Rp 11,947,942,184.5 95
		20 23	15 .5 13	\$ 1,200,808,829.0 00	Rp 18,628,147,364. 277	Rp 18,628,147,364.2 77
		20 24	16 .7 35	\$ 1,994,428,715.0 00	Rp 33,376,764,545. 525	Rp 33,376,764,545.5 25
1 5	MBAP	20 20	14 .0 50	\$ 56,322,950.000	Rp 791,337,447.50 0	Rp 791,337,447.500
		20 21	14 .2 69	\$ 48,172,305.000	Rp 687,370,620.04 5	Rp 687,370,620.045
		20 22	15 .7 31	\$ 44,191,350.000	Rp 695,174,126.85 0	Rp 695,174,126.850
		20 23	15 .5 13	\$ 40,496,220.000	Rp 628,217,860.86 0	Rp 628,217,860.860
		20 24	16 .7	\$ 61,400,901.000	Rp 1,027,544,078.2	Rp 1,027,544,078.23

			35		35	5
1 6	BESS	20 20	14 .0 50		Rp 619,887,060,48 8	Rp 619,887,060,488. 000
		20 21	14 .2 69		Rp 137,475,358,28 7	Rp 137,475,358,287. 000
		20 22	15 .7 31		Rp 213,870,565,66 8	Rp 213,870,565,668. 000
		20 23	15 .5 13		Rp 168,832,887,23 9	Rp 168,832,887,239. 000
		20 24	16 .7 35		Rp 174,000,000,00 0	Rp 174,000,000,000. 000
1 7	DWGL	20 20	14 .0 50		Rp 461,471,836.00 0	Rp 461,471,836.000
		20 21	14 .2 69		Rp 731,140,448.00 0	Rp 731,140,448.000
		20 22	15 .7 31		Rp 804,210,213.00 0	Rp 804,210,213.000
		20 23	15 .5 13		Rp 1,338,326,680.0 00	Rp 1,338,326,680.00 0
		20 24	16 .7 35		Rp 1,150,892,711.0 00	Rp 1,150,892,711.00 0
1 8	SGER	20 20	14 .0 50		Rp 626,065,851,41 6	Rp 626,065,851,416. 000
		20 21	14 .2 69		Rp 1,162,018,967,0 15	Rp 1,162,018,967,01 5.000
		20 22	15 .7 31		Rp 3,312,541,661,3 45	Rp 3,312,541,661,34 5.000
		20 23	15 .5 13		Rp 4,421,805,328,1 28	Rp 4,421,805,328,12 8.000
		20 24	16 .7		Rp 4,212,242,844,7	Rp 4,212,242,844,78

			35		81	1.000
1 9	TCPI	20 20	14 .0 50		Rp 771,851,000.00 0	Rp 771,851,000.000
		20 21	14 .2 69		Rp 762,722,000.00 0	Rp 762,722,000.000
		20 22	15 .7 31		Rp 702,956,000.00 0	Rp 702,956,000.000
		20 23	15 .5 13		Rp 800,686,000.00 0	Rp 800,686,000.000
		20 24	16 .7 35		Rp 837,068,000.00 0	Rp 837,068,000.000
2 0	TPMA	20 20	14 .0 50	\$ 85,428,200.000	Rp 1,200,266,210.0 00	Rp 1,200,266,210.00 0
		20 21	14 .2 69	\$ 78,539,155.000	Rp 1,120,675,202.6 95	Rp 1,120,675,202.69 5
		20 22	15 .7 31	\$ 80,929,539.000	Rp 1,273,102,578.0 09	Rp 1,273,102,578.00 9
		20 23	15 .5 13	\$ 89,086,527.000	Rp 1,381,999,293.3 51	Rp 1,381,999,293.35 1
		20 24	16 .7 35	\$ 95,450,193.000	Rp 1,597,358,979.8 55	Rp 1,597,358,979.85 5
2 1	BIPI	20 20	14 .0 50	\$ 1,149,190,847.0 00	Rp 16,146,131,400. 350	Rp 16,146,131,400.3 50
		20 21	14 .2 69	\$ 747,664,265.000	Rp 10,668,421,397. 285	Rp 10,668,421,397.2 85
		20 22	15 .7 31	\$ 836,628,135.000	Rp 13,160,997,191. 685	Rp 13,160,997,191.6 85
		20 23	15 .5 13	\$ 988,271,037.000	Rp 15,331,048,596. 981	Rp 15,331,048,596.9 81
		20 24	16 .7	\$ 1,092,330,382.0	Rp 18,280,148,942.	Rp 18,280,148,942.7

			35	00	770	70
2 2	ENRG	20 20	14 .0 50	\$ 711,968,531.000	Rp 10,003,157,860. 550	Rp 10,003,157,860.5 50
		20 21	14 .2 69	\$ 900,617,530.000	Rp 12,850,911,535. 570	Rp 12,850,911,535.5 70
		20 22	15 .7 31	\$ 1,014,340,835.0 00	Rp 15,956,595,675. 385	Rp 15,956,595,675.3 85
		20 23	15 .5 13	\$ 1,066,428,791.0 00	Rp 16,543,509,834. 783	Rp 16,543,509,834.7 83
		20 24	16 .7 35	\$ 1,038,422,043.0 00	Rp 17,377,992,889. 605	Rp 17,377,992,889.6 05
2 3	IFSH	20 20	14 .0 50		Rp 699,548,834,51 3	Rp 699,548,834,513. 000
		20 21	14 .2 69		Rp 558,353,502,32 7	Rp 558,353,502,327. 000
		20 22	15 .7 31		Rp 506,008,601,66 5	Rp 506,008,601,665. 000
		20 23	15 .5 13		Rp 478,938,038,59 9	Rp 478,938,038,599. 000
		20 24	16 .7 35		Rp 362,284,031,07 5	Rp 362,284,031,075. 000
2 4	TBMS	20 20	14 .0 50	\$ 30,169,060.000	Rp 423,875,293.00 0	Rp 423,875,293.000
		20 21	14 .2 69	\$ 29,293,471.000	Rp 417,988,537.69 9	Rp 417,988,537.699
		20 22	15 .7 31	\$ 24,047,874.000	Rp 378,297,105.89 4	Rp 378,297,105.894
		20 23	15 .5 13	\$ 25,320,815.000	Rp 392,801,803.09 5	Rp 392,801,803.095
		20 24	16 .7	\$ 22,873,537.000	Rp 382,788,641.69	Rp 382,788,641.695

			35		5	
2 5	ALKA	20 20	14 .0 50		Rp 407,951,601.00 0	Rp 407,951,601.000
		20 21	14 .2 69		Rp 488,110,783.00 0	Rp 488,110,783.000
		20 22	15 .7 31		Rp 626,370,441.00 0	Rp 626,370,441.000
		20 23	15 .5 13		Rp 327,422,815.00 0	Rp 327,422,815.000
		20 24	16 .7 35		Rp 211,888,000.00 0	Rp 211,888,000.000
2 6	CITA	20 20	14 .0 50		Rp 1,248,596,075,9 99	Rp 1,248,596,075,99 9.000
		20 21	14 .2 69		Rp 1,227,615,176,8 99	Rp 1,227,615,176,89 9.000
		20 22	15 .7 31		Rp 1,545,322,403,6 33	Rp 1,545,322,403,63 3.000
		20 23	15 .5 13		Rp 1,526,500,200,2 55	Rp 1,526,500,200,25 5.000
		20 24	16 .7 35		Rp 2,595,396,583,2 07	Rp 2,595,396,583,20 7.000

LAMPIRAN 15

Tabel Bantu Total Pajak Tunai yg dibayarkan

Variabel Y : Penghindaran Pajak

N o	Kode Perusa	Ta hu	K ur	US\$	Rp	Total Pajak yang dibayar
--------	----------------	----------	---------	------	----	-----------------------------

	haan	n	s			
1	ANTM	20 20	14 .0 50		Rp 491,824,000	Rp 491,824,000
		20 21	14 .2 69		Rp 1,181,769,000	Rp 1,181,769,000
		20 22	15 .7 31		Rp 1,393,807,000	Rp 1,393,807,000
		20 23	15 .5 13		Rp 776,833,000	Rp 776,833,000
		20 24	16 .7 35		Rp 761,425,000	Rp 761,425,000
2	INCO	20 20	14 .0 50	\$ 83,623.000	Rp 1,174,903.150	Rp 1,174,903.150
		20 21	14 .2 69	\$ 99,583.000	Rp 1,420,949.827	Rp 1,420,949.827
		20 22	15 .7 31	\$ 147,037.000	Rp 2,313,039.047	Rp 2,313,039.047
		20 23	15 .5 13	\$ 176,227.000	Rp 2,733,809.451	Rp 2,733,809.451
		20 24	16 .7 35	\$ 163,666.000	Rp 2,738,950.510	Rp 2,738,950.510
3	ADRO	20 20	14 .0 50	\$ 180,234.000	Rp 2,532,287.700	Rp 2,532,287.700
		20 21	14 .2 69	\$ 299,793.000	Rp 4,277,746.317	Rp 4,277,746.317
		20 22	15 .7 31	\$ 850,013.000	Rp 13,371,554.503	Rp 13,371,554.503
		20 23	15 .5 13	\$ 1,529,593.000	Rp 23,728,576.209	Rp 23,728,576.209
		20 24	16 .7	\$ 352,575.000	Rp 5,900,342.625	Rp 5,900,342.625

			35			
4	PTBA	20	14			
		20	.0		Rp	Rp
		20	50		823,758.000	823,758.000
		20	14		Rp	Rp
		20	.2		2,321,787.000	2,321,787.000
5	MDKA	20	15			
		20	.7		Rp	Rp
		20	31		3,422,887.000	3,422,887.000
		20	15		Rp	Rp
		20	.5		1,861,792.000	1,861,792.000
6	BRMS	20	16			
		20	.7		Rp	Rp
		20	35		1,119,823.000	1,119,823.000
		20	14		Rp	Rp
		20	.0	\$	383,744,362.30	383,744,362.300
7	MDKA	20	50	27,312,766.000	0	
		20	14	\$	Rp	Rp
		20	.2	23,331,550.000	332,917,886.95	332,917,886.950
		20	15	\$	Rp	Rp
		20	.7	25,095,246.000	394,773,314.82	394,773,314.826
8	MDKA	20	15	\$	Rp	Rp
		20	.5	6,673,125.000	103,520,188.12	103,520,188.125
		20	16	\$	Rp	Rp
		20	.7	11,860,933.000	198,492,713.75	198,492,713.755
		20	35		5	
9	BRMS	20	14	\$	Rp	Rp
		20	.0	476,296.000	6,691,958.800	6,691,958.800
		20	14	\$	Rp	Rp
		20	.2	83,844.000	1,196,370.036	1,196,370.036
		20	15	\$	Rp	Rp
10	BRMS	20	.7	225,090.000	3,540,890.790	3,540,890.790
		20	15	\$	Rp	Rp
		20	.5	1,392,906.000	21,608,150.778	21,608,150.778
		20	16	\$	Rp	Rp
		20	.7	5,427,304.000	90,825,932.440	90,825,932.440

			35			
7	ITMG	20	14			
		20	.0	\$	Rp	Rp
		20	50	34,725.000	487,886.250	487,886.250
		20	14			
		20	.2	\$	Rp	Rp
8	GEMS	20	69	145,699.000	2,078,979.031	2,078,979.031
		20	15			
		20	.7	\$	Rp	Rp
		20	31	345,477.000	5,434,698.687	5,434,698.687
		20	15			
9	PSSI	20	.5	\$	Rp	Rp
		20	13	144,492.000	2,241,504.396	2,241,504.396
		20	16			
		20	.7	\$	Rp	Rp
		20	35	119,220.000	1,995,146.700	1,995,146.700
8	GEMS	20	14		Rp	
		20	.0	\$	439,429,120.70	Rp
		20	50	31,276,094.000	0	439,429,120.700
		20	14		Rp	Rp
		20	.2	\$	1,524,162,969.0	1,524,162,969.02
8	GEMS	20	69	106,816,383.000	27	7
		20	15		Rp	Rp
		20	.7	\$	3,192,291,751.3	3,192,291,751.34
		20	31	202,929,995.000	45	5
		20	15		Rp	Rp
9	PSSI	20	.5	\$	2,392,609,749.8	2,392,609,749.81
		20	13	154,232,563.000	19	9
		20	16		Rp	Rp
		20	.7	\$	2,554,239,403.4	2,554,239,403.44
		20	35	152,628,587.000	45	5
9	PSSI	20	14		Rp	Rp
		20	.0	\$	4,590,243,536.2	4,590,243,536.25
		20	50	326,707,725.000	50	0
		20	14		Rp	Rp
		20	.2	\$	6,057,853,109.5	6,057,853,109.55
9	PSSI	20	69	424,546,437.000	53	3
		20	15		Rp	Rp
		20	.7	\$	8,883,186,967.3	8,883,186,967.32
		20	31	564,693,088.000	28	8
		20	15		Rp	Rp
9	PSSI	20	.5	\$	11,140,566,615.	11,140,566,615.4
		20	13	718,143,919.000	447	47
		20	16		Rp	Rp
9	PSSI	20	.7	\$	13,348,468,532.	13,348,468,532.7
		20	24	797,637,797.000		

			35		795	95
1 0	TOBA	20 20	14 .0 50	\$ 6,279,048.000	Rp 88,220,624.400	Rp 88,220,624.400
		20 21	14 .2 69	\$ 20,864,826.000	Rp 297,720,202.19 4	Rp 297,720,202.194
		20 22	15 .7 31	\$ 20,800,288.000	Rp 327,209,330.52 8	Rp 327,209,330.528
		20 23	15 .5 13	\$ 12,005,343.000	Rp 186,238,885.95 9	Rp 186,238,885.959
		20 24	16 .7 35	\$ 12,901,719.000	Rp 215,910,267.46 5	Rp 215,910,267.465
1 1	ISSP	20 20	14 .0 50		Rp 20,767,000.000	Rp 20,767,000.000
		20 21	14 .2 69		Rp 173,341,000.00 0	Rp 173,341,000.000
		20 22	15 .7 31		Rp 87,382,000.000	Rp 87,382,000.000
		20 23	15 .5 13		Rp 142,525,000.00 0	Rp 142,525,000.000
		20 24	16 .7 35		Rp 145,526,000.00 0	Rp 145,526,000.000
1 2	BSSR	20 20	14 .0 50	\$ 10,318,744.000	Rp 144,978,353.20 0	Rp 144,978,353.200
		20 21	14 .2 69	\$ 59,044,129.000	Rp 842,500,676.70 1	Rp 842,500,676.701
		20 22	15 .7 31	\$ 68,885,156.000	Rp 1,083,632,389.0 36	Rp 1,083,632,389.03 6
		20 23	15 .5 13	\$ 58,320,495.000	Rp 904,725,838.93 5	Rp 904,725,838.935
		20 24	16 .7	\$ 40,078,628.000	Rp 670,715,839.58	Rp 670,715,839.580

			35		0	
1 3	BYAN	20 20	14 .0 50	\$ 82,175,777.000	Rp 1,154,569,666.8 50	Rp 1,154,569,666.85 0
		20 21	14 .2 69	\$ 361,616,399.000	Rp 5,159,904,397.3 31	Rp 5,159,904,397.33 1
		20 22	15 .7 31	\$ 643,704,514.000	Rp 10,126,115,709. 734	Rp 10,126,115,709.7 34
		20 23	15 .5 13	\$ 353,387,654.000	Rp 5,482,102,676.5 02	Rp 5,482,102,676.50 2
		20 24	16 .7 35	\$ 262,147,463.000	Rp 4,387,037,793.3 05	Rp 4,387,037,793.30 5
1 4	HRUM	20 20	14 .0 50	\$ 3,879,062.000	Rp 54,500,821.100	Rp 54,500,821.100
		20 21	14 .2 69	\$ 29,087,809.000	Rp 415,053,946.62 1	Rp 415,053,946.621
		20 22	15 .7 31	\$ 97,775,087.000	Rp 1,538,099,893.5 97	Rp 1,538,099,893.59 7
		20 23	15 .5 13	\$ 67,328,341.000	Rp 1,044,464,553.9 33	Rp 1,044,464,553.93 3
		20 24	16 .7 35	\$ 37,445,542.000	Rp 626,651,145.37 0	Rp 626,651,145.370
1 5	MBAP	20 20	14 .0 50	\$ 9,906,106.000	Rp 139,180,789.30 0	Rp 139,180,789.300
		20 21	14 .2 69	\$ 28,330,430.000	Rp 404,246,905.67 0	Rp 404,246,905.670
		20 22	15 .7 31	\$ 51,263,459.000	Rp 806,425,473.52 9	Rp 806,425,473.529
		20 23	15 .5 13	\$ 9,047,315.000	Rp 140,350,997.59 5	Rp 140,350,997.595
		20 24	16 .7	\$ 5,732,216.000	Rp 95,928,634.760	Rp 95,928,634.760

			35			
1 6	BESS	20 20	14 .0 50		Rp 3,537,043,694.0 00	Rp 3,537,043,694.00 0
		20 21	14 .2 69		Rp 3,066,592,250.0 00	Rp 3,066,592,250.00 0
		20 22	15 .7 31		Rp 2,828,846,679.0 00	Rp 2,828,846,679.00 0
		20 23	15 .5 13		Rp 1,644,016,991.0 00	Rp 1,644,016,991.00 0
		20 24	16 .7 35		Rp 5,936,455,505.0 00	Rp 5,936,455,505.00 0
1 7	DWGL	20 20	14 .0 50		Rp 93,528,124.000	Rp 93,528,124.000
		20 21	14 .2 69		Rp 4,254,059.000	Rp 4,254,059.000
		20 22	15 .7 31		Rp 1,798,412.000	Rp 1,798,412.000
		20 23	15 .5 13		Rp 134,493,665.00 0	Rp 134,493,665.000
		20 24	16 .7 35		Rp 78,146,848.000	Rp 78,146,848.000
1 8	SGER	20 20	14 .0 50		Rp 12,872,147,641. 000	Rp 12,872,147,641.0 00
		20 21	14 .2 69		Rp 68,210,197,634. 000	Rp 68,210,197,634.0 00
		20 22	15 .7 31		Rp 157,319,432,28 0.000	Rp 157,319,432,280. 000
		20 23	15 .5 13		Rp 159,603,994,72 1.000	Rp 159,603,994,721. 000
		20 24	16 .7		Rp 156,284,696,16	Rp 156,284,696,169.

			35		9.000	000
1 9	TCPI	20 20	14 .0 50		Rp 156,000.000	Rp 156,000.000
		20 21	14 .2 69		Rp 833,000.000	Rp 833,000.000
		20 22	15 .7 31		Rp 1,031,000.000	Rp 1,031,000.000
		20 23	15 .5 13		Rp 1,027,000.000	Rp 1,027,000.000
		20 24	16 .7 35		Rp 3,901,000.000	Rp 3,901,000.000
2 0	TPMA	20 20	14 .0 50	\$ 477,141.000	Rp 6,703,831.050	Rp 6,703,831.050
		20 21	14 .2 69	\$ 508,245.000	Rp 7,252,147.905	Rp 7,252,147.905
		20 22	15 .7 31	\$ 756,403.000	Rp 11,898,975.593	Rp 11,898,975.593
		20 23	15 .5 13	\$ 1,334,735.000	Rp 20,705,744.055	Rp 20,705,744.055
		20 24	16 .7 35	\$ 1,428,912.000	Rp 23,912,842.320	Rp 23,912,842.320
2 1	BIPI	20 20	14 .0 50	\$ 3,398,819.000	Rp 47,753,406.950	Rp 47,753,406.950
		20 21	14 .2 69	\$ 2,866,078.000	Rp 40,896,066.982	Rp 40,896,066.982
		20 22	15 .7 31	\$ 4,119,600.000	Rp 64,805,427.600	Rp 64,805,427.600
		20 23	15 .5 13	\$ 28,398,670.000	Rp 440,548,567.71 0	Rp 440,548,567.710
		20 24	16 .7	\$ 31,232,330.000	Rp 522,673,042.55	Rp 522,673,042.550

			35		0	
2 2	ENRG	20 20	14 .0 50	\$ 50,160,739.000	Rp 704,758,382.95 0	Rp 704,758,382.950
		20 21	14 .2 69	\$ 90,408,378.000	Rp 1,290,037,145.6 82	Rp 1,290,037,145.68 2
		20 22	15 .7 31	\$ 73,622,594.000	Rp 1,158,157,026.2 14	Rp 1,158,157,026.21 4
		20 23	15 .5 13	\$ 33,122,884.000	Rp 513,835,299.49 2	Rp 513,835,299.492
		20 24	16 .7 35	\$ 27,007,431.000	Rp 451,969,357.78 5	Rp 451,969,357.785
2 3	IFSH	20 20	14 .0 50		Rp 43,709,603,309 00	Rp 43,709,603,309.0 00
		20 21	14 .2 69		Rp 15,036,015,786 00	Rp 15,036,015,786.0 00
		20 22	15 .7 31		Rp 10,913,731,931 00	Rp 10,913,731,931.0 00
		20 23	15 .5 13		Rp 81,683,907,148 00	Rp 81,683,907,148.0 00
		20 24	16 .7 35		Rp 84,087,566,044 00	Rp 84,087,566,044.0 00
2 4	TBMS	20 20	14 .0 50	\$ 60,558.000	Rp 850,839.900	Rp 850,839.900
		20 21	14 .2 69	\$ 18,736.000	Rp 267,343.984	Rp 267,343.984
		20 22	15 .7 31	\$ 53,229.000	Rp 837,345.399	Rp 837,345.399
		20 23	15 .5 13	\$ 7,617.000	Rp 118,162.521	Rp 118,162.521
		20 24	16 .7	\$ 12,752.000	Rp 213,404.720	Rp 213,404.720

			35			
2 5	ALKA	20 20	14 .0 50		Rp 1,493,277.000	Rp 1,493,277.000
		20 21	14 .2 69		Rp 182,957.000	Rp 182,957.000
		20 22	15 .7 31		Rp 503,530.000	Rp 503,530.000
		20 23	15 .5 13		Rp 1,283,645.000	Rp 1,283,645.000
		20 24	16 .7 35		Rp 1,256,843.000	Rp 1,256,843.000
2 6	CITA	20 20	14 .0 50		Rp 191,960,582,70 6	Rp 191,960,582,706. 000
		20 21	14 .2 69		Rp 100,967,322,50 6	Rp 100,967,322,506. 000
		20 22	15 .7 31		Rp 38,953,609,189	Rp 38,953,609,189.0 00
		20 23	15 .5 13		Rp 39,129,506,833	Rp 39,129,506,833.0 00
		20 24	16 .7 35		Rp 116,858,552,28 3	Rp 116,858,552,283. 000

Lampiran 16	
Data Yang digunakan untuk olah data	

No	Kode Perusahaan	Tahun	X1	X2	X3	X4	Y	Z
			Profitabilitas	Leverage	Capital Intensity	Kepemilikan Institusional	Penghindaran Pajak	Ukuran Perusahaan
1	ANTM	2020	0.0517	0.6665	0.7116	0.6500	0.2997	31.088
		2021	0.0925	0.3670	0.6437	0.6500	0.3883	31.125
		2022	0.1550	0.2951	0.6523	0.6500	0.2673	31.147
		2023	0.0900	0.3750	0.5318	0.6500	0.2015	31.389
		2024	0.1036	0.2768	0.5959	0.6500	0.1650	31.427
2	INCO	2020	0.0452	0.1457	0.6993	0.9587	0.7991	31.113
		2021	0.0892	0.1287	0.6617	0.9458	0.4517	31.194
		2022	0.1038	0.1288	0.6276	0.9747	0.5331	31.364
		2023	0.1205	0.1409	0.6469	0.9567	0.4999	31.446
		2024	0.0233	0.1624	0.6837	0.9508	0.2210	31.604
3	ADRO	2020	0.4910	0.6149	0.7286	0.7824	0.3968	29.484
		2021	2.7952	0.7017	0.6259	0.4501	0.5638	29.657
		2022	6.5306	0.6519	0.5067	0.4533	1.2401	30.009
		2023	2.5332	0.4136	0.5892	0.4548	2.1545	29.980
		2024	4.0608	0.3378	0.0621	0.4574	0.8804	29.533
4	PTBA	2020	0.1343	0.4202	0.6523	0.1030	0.0342	30.811
		2021	0.2868	0.4894	0.4959	0.1003	0.0643	31.218
		2022	0.3572	0.5687	0.4614	0.1003	0.0755	31.446
		2023	0.2104	0.7977	0.6092	0.1003	0.0480	31.289
		2024	0.1498	0.8453	0.6354	0.1001	0.0268	31.364

5	MDKA	2020	0.0605	0.6493	0.7856	0.5233	0.0428	30.201
		2021	0.0444	0.6405	0.6783	0.5101	0.0411	30.535
		2022	0.0232	0.9146	0.7690	0.5301	0.2790	31.742
		2023	0.0120	1.2139	0.7569	0.4942	0.1117	31.975
		2024	0.0029	1.0545	0.7656	0.6045	0.7767	32.104
6	BRMS	2020	0.0235	0.1725	0.9201	0.8869	0.3441	29.743
		2021	0.1237	0.1028	0.7457	0.7589	0.6913	30.269
		2022	0.0301	0.1158	0.8293	0.6340	0.6917	30.464
		2023	0.0158	0.1227	0.8680	0.6259	0.0798	30.472
		2024	0.0294	0.0294	0.8313	0.5764	0.0160	30.593
7	ITMG	2020	0.0626	0.3691	0.6464	0.6514	0.0479	30.421
		2021	0.3727	0.3867	0.4070	0.6514	0.2346	30.800
		2022	0.5851	0.3537	0.2771	0.6514	0.2236	31.358
		2023	0.2944	0.2233	0.4150	0.6514	0.2243	31.156
		2024	0.2056	0.2445	0.4163	0.6514	0.0241	31.327
8	GEMS	2020	0.1562	1.3287	0.4988	0.6250	0.3844	30.068
		2021	0.5559	1.6208	0.4763	0.6700	0.1288	30.102
		2022	0.7959	1.0226	0.3585	0.6250	0.1797	30.508
		2023	0.5205	0.9786	0.3583	0.5100	0.1176	30.644
		2024	0.5129	0.8749	0.4304	0.5100	0.1231	30.663
9	PSSI	2020	0.0531	0.0531	0.2225	0.5185	0.0531	28.355
		2021	0.8102	0.8102	0.2633	0.8102	0.8102	28.464
		2022	1.8159	1.8159	0.314	0.5473	1.8159	28.668

		2		9	8			
		2023	0.5150	0.5150	0.3523	0.5150	0.5150	28.782
		2024	0.3957	0.3957	0.4208	0.3957	0.3957	28.785
10	TOBA	2020	0.0545	1.6533	0.9088	0.6191	0.0813	30.015
		2021	0.1008	1.4225	0.7564	0.6191	0.0631	30.136
		2022	0.1275	1.1225	0.7095	0.6191	0.0510	30.281
		2023	0.0347	1.2371	0.7490	0.6148	1.2666	30.319
		2024	0.0681	1.0466	0.7428	0.6148	1.4436	30.336
11	ISSP	2020	0.0255	0.8219	0.4876	0.5594	0.1339	29.435
		2021	0.0929	0.4664	0.3769	0.5594	0.2442	29.591
		2022	0.0531	0.7869	0.4057	0.5594	0.0118	29.633
		2023	0.0804	0.7261	0.3634	0.5594	0.0179	29.707
		2024	0.0814	0.6447	0.3666	0.5594	0.0175	29.747
12	BSSR	2020	0.1551	0.3833	0.4098	0.5000	0.2527	28.939
		2021	0.6069	0.7233	0.4268	0.5000	0.2235	29.457
		2022	0.7627	0.8362	0.4733	0.5000	0.2231	29.482
		2023	0.5401	0.6845	0.4813	0.5000	0.2644	29.477
		2024	0.4480	0.4508	0.5037	0.5000	0.0234	29.489
13	BYAN	2020	0.2634	0.8800	0.4749	0.5403	0.0193	30.756
		2021	0.6688	0.3064	0.5828	0.5519	0.2222	31.179
		2022	0.7465	0.9774	0.6084	0.6094	0.2186	31.759
		2023	0.4741	0.7406	0.5520	0.6106	0.2164	31.609
		2024	0.3423	0.5219	0.5014	0.4017	0.2175	31.707

1 4	HRUM	202 0	0.1290	0.096 5	0.499 8	0.9780	0.6032	29.578
		202 1	0.1458	0.344 2	0.716 9	0.5452	0.2281	30.155
		202 2	0.3734	0.288 8	0.593 9	0.6136	0.2047	30.633
		202 3	0.1610	0.390 2	0.735 3	0.6734	0.2560	30.863
		202 4	0.0447	0.444 2	0.774 7	0.9349	0.0325	31.394
1 5	MBAP	202 0	0.2054	0.316 5	0.309 5	0.6000	2.6506	28.570
		202 1	0.5001	0.288 7	0.186 9	0.6000	0.0220	28.933
		202 2	0.7524	0.224 9	0.144 2	0.6000	0.2223	29.204
		202 3	0.1339	0.328 2	0.176 5	0.6000	0.2944	28.901
		202 4	0.1049	0.273 4	0.258 9	0.6000	0.0230	29.010
1 6	BESS	202 0	0.0825	0.082 5	0.838 9	0.7900	0.0691	27.154
		202 1	0.1731	0.173 1	0.794 0	0.7924	0.0265	27.227
		202 2	0.0760	0.076 0	0.722 4	0.7853	0.0481	27.374
		202 3	0.1180	0.118 0	0.759 0	0.7836	0.0203	27.255
		202 4	0.0454	0.045 4	0.737 7	0.7836	0.1975	27.219
1 7	DWGL	202 0	0.0200	0.020 0	0.344 2	0.5154	0.0340	27.280
		202 1	0.0678	0.067 8	0.413 1	0.4856	0.0340	27.851
		202 2	0.0119	0.011 9	0.434 1	0.4852	0.0315	27.983
		202 3	0.0127	0.012 7	0.274 3	0.4852	0.0243	28.243
		202 4	0.0937	0.093 7	0.280 7	0.4852	0.0383	28.101
1 8	SGER	202 0	0.0592	0.059 2	0.087 4	0.5493	0.0592	27.254
		202 1	0.2189	0.218 9	0.060 7	0.5442	0.0551	27.844
		202	0.2220	0.222	0.017	0.5519	0.0467	28.846

		2		0	2			
		2023	0.1837	0.1837	0.0339	0.5008	0.0349	29.152
		2024	0.1748	0.1748	0.0918	0.5008	0.0337	29.165
19	TCPI	2020	0.0210	0.0210	0.7196	0.5500	0.0567	28.643
		2021	0.0300	0.0300	0.7321	0.5500	0.2926	28.677
		2022	0.0415	0.0415	0.7498	0.5500	0.3669	28.664
		2023	0.0541	0.0541	0.7718	0.5500	0.2927	28.886
		2024	0.0253	0.0253	0.7728	0.5500	1.0588	28.935
20	TPMA	2020	0.0247	0.3475	0.8233	0.5956	0.0186	28.008
		2021	0.0450	0.2879	0.7913	0.5774	0.1138	27.979
		2022	0.0966	0.3204	0.7537	0.5774	0.0503	28.527
		2023	0.1817	0.4873	0.7588	0.5694	0.0381	28.727
		2024	0.1378	0.6639	0.3850	0.5694	0.0357	29.054
21	BIPI	2020	0.0263	2.4850	0.8553	0.3325	0.0821	30.569
		2021	0.0300	1.3510	0.7841	0.3010	0.1001	30.242
		2022	0.0198	1.1079	0.7402	0.3325	0.1157	30.509
		2023	0.0248	2.0628	0.5624	0.3010	0.0651	30.937
		2024	0.0246	1.8580	0.6463	0.3325	0.0750	30.973
22	ENRG	2020	0.1288	2.9808	0.8429	0.4601	0.0461	30.105
		2021	0.1223	1.3689	0.8468	0.4810	0.6948	30.351
		2022	0.1175	1.3194	0.8493	0.4802	0.5245	30.564
		2023	0.0740	1.3393	0.7791	0.4377	0.3270	30.687
		2024	0.0528	1.3288	0.7012	0.4852	0.3452	30.841

2 3	IFSH	202 0	0.0380	0.038 0	0.389 9	0.8889	0.0380	27.770
		202 1	0.1934	0.193 4	0.446 4	0.8889	0.0149	27.639
		202 2	0.2231	0.223 1	0.536 3	0.8889	0.0100	27.718
		202 3	0.2745	0.274 5	0.553 4	0.4080	0.0762	27.701
		202 4	0.1331	0.202 8	0.599 0	0.4080	0.0784	27.706
2 4	TBMS	202 0	0.0369	2.050 0	0.192 4	0.4242	0.1046	28.421
		202 1	0.0621	1.563 3	0.199 0	0.4242	2.0483	28.373
		202 2	0.0456	1.191 1	0.178 3	0.4242	0.0086	28.383
		202 3	0.0397	1.218 3	0.176 9	0.4242	1.3389	28.429
		202 4	0.0765	1.043 1	0.152 6	0.4242	0.1112	28.550
2 5	ALKA	202 0	0.0195	0.019 5	0.025 5	0.7592	0.3499	26.760
		202 1	0.0349	0.034 9	0.022 6	0.7592	0.3664	26.937
		202 2	0.0760	0.076 0	0.019 7	0.7592	0.7881	27.183
		202 3	0.1274	0.127 4	0.036 3	0.7592	0.4983	26.551
		202 4	0.0139	0.013 9	0.055 1	0.7592	0.7949	26.136
2 6	CITA	202 0	0.2034	0.203 4	0.698 4	0.6063	0.0464	29.052
		202 1	0.1939	0.193 9	0.714 9	0.6063	0.0234	29.091
		202 2	0.0902	0.090 2	0.703 6	0.6063	0.0731	29.282
		202 3	0.1246	0.124 6	0.777 8	0.6063	0.0529	29.459
		202 4	0.3281	0.328 1	0.673 3	0.6060	0.0147	29.703

**Daftar Perusahaan Pertambangan Yang Terdaftar Di BEI Berturut-turut periode
2020-2024**

No	Kode	Nama Perusahaan	IPO
1	ADRO	PT. Adaro Energy Tbk	16 Juli 2008
2	AIMS	PT. Akbar Indo Makmur Stimec Tbk	20 Juli 2001
3	ARII	PT. Atlas Resources Tbk	08 November 2011
4	BOSS	PT. Borneo Olah Sarana Sukses Tbk	15 Februari 2018
5	BSSR	PT. Baramulti Suksessarana Tbk	08 November 2012
6	BUMI	PT. Bumi Resources Tbk	30 Juli 1990
7	BYAN	PT. Bayan Resources Tbk	12 Agustus 2008
8	DSSA	PT. Dian Swastatika Sentosa Tbk	10 Desember 2009
9	GEMS	PT. Golden Energy Mines Tbk	17 November 2011
10	GTBO	PT. Garda Tujuh Buana Tbk	09 Juli 2009
11	HRUM	PT. Harum Energy Tbk	06 Oktober 2010
12	INDY	PT. Indika Energy Tbk	11 Juni 2008
13	ITMG	PT. Indo Tambangraya Megah Tbk	18 Desember 2007
14	KKGI	PT. Resource Alam Indonesia Tbk	01 Juli 1991
15	MBAP	PT. Mitrabara Adiperdana Tbk	10 Juli 2014
16	PTBA	PT. Bukit Asam Tbk	23 Desember 2002
17	SMMT	PT. Golden Eagle Energy Tbk	01 Desember 2007
18	TOBA	PT. TBS Energi Utama Tbk	06 Juli 2012
19	TRAM	PT. Trada Alam Mineral Tbk	29 Agustus 2008
20	BBRM	PT. Pelayaran Nasional Bina Buana Raya Tbk	09 Januari 2013
21	BESS	PT. Batulicin Nusantara Maritim Tbk	09 Maret 2020
22	CANI	PT. Capitol Nusantara Indonesia Tbk	15 Januari 2010
23	CNKO	PT. Eksploitasi Energi Indonesia Tbk	19 Juli 2001
24	DWGL	PT. Dwi Guna Laksana Tbk	20 Oktober 2017
25	FIRE	PT. Alfa Energi Investama Tbk	09 Juni 2017
26	MBSS	PT. Mitrahahtera Segara Sejati Tbk	06 April 2011
27	PSSI	PT. Pelita Samudera Shipping Tbk	20 Oktober 2017
28	PTIS	PT. Indo Straits Tbk	12 Juli 2011
29	RIGS	PT. Rig Tenders Indonesia Tbk	15 Februari 1990
30	SGER	PT. Sumber Global Energy Tbk	27 Juli 2020
31	TCPI	PT. Transcoal Pacific Tbk	08 November 2017
32	TEBE	PT. Dana Brata Luhur Tbk	21 Oktober 2019
33	TPMA	PT. Trans Power Marine Tbk	19 Februari 2013
34	COAL	PT Black Diamond Resources Tbk	08 Oktober 2019
35	BIPI	PT. Astrindo Nusantara Infrastruktur Tbk	11 Februari 2010
36	ENRG	PT. Energi Mega Persada Tbk	07 Juni 2004

37	MEDC	PT. Medco Energi Internasional Tbk	12 Oktober 1994
38	MITI	PT. Mitra Investindo Tbk	16 Juli 1997
39	SUGI	PT. Sugih Energy Tbk	05 November 2009
40	SURE	PT. Super Energy Tbk	05 Oktober 2018
41	MDKA	PT. Merdeka Copper Gold Tbk	19 Juni 2015
42	PSAB	PT. J Resources Asia Pasifik Tbk	22 April 2013
43	SQMI	PT. Wilton Makmur Indonesia Tbk	28 November 2007
44	BAJA	PT. Saranacentral Bajatama Tbk	21 Desember 2011
45	BTON	PT. Betonjaya Manunggal Tbk	18 Juli 2001
46	CTBN	PT. Citra Tubindo Tbk	28 November 1989
47	GDST	PT. Gunawan Dianjaya Steel Tbk	23 Desember 2009
48	GGRP	PT. Gunung Raja Paksi Tbk	19 September 2019
49	HKMU	PT. HK Metals Utama Tbk	22 Juli 2019
50	ISSP	PT. Steel Pipe Industry of Indonesia Tbk	22 Februari 2013
51	KRAS	PT. Krakatau Steel (Persero) Tbk	10 November 2010
52	LMSH	PT. Lionmesh Prima Tbk	04 Juni 1990
53	OPMS	PT. Optima Prima Metal Sinergi Tbk	22 Februari 2018
54	ANTM	PT. Aneka Tambang Tbk	27 November 1997
55	DKFT	PT. Central Omega Resources Tbk	21 November 1997
56	IFSH	PT. Ifishdeco Tbk	05 Desember 2019
57	INCO	PT. Vale Indonesia Tbk	16 Mei 1990
58	TBMS	PT. Tembaga Mulia Semanan Tbk	28 November 1992
59	ALKA	PT. Alakasa Industrindo Tbk	01 Agustus 1990
60	ALMI	PT. Alumindo Light Metal Industry Tbk	02 Januari 1997
61	CITA	PT. Cita Mineral Investindo Tbk	20 Maret 2002
62	INAI	PT. Indal Aluminium Industry Tbk	05 Desember 1994
63	BRMS	PT. Bumi Resources Minerals Tbk	09 Desember 2010
64	AKRA	AKR Corporindo Tbk.	03 Oktober 1994
65	APEX	Apexindo Pratama Duta Tbk	10 Juli 2002
66	ARTI	Ratu Prabu Energi Tbk	30 April 2003
67	BULL	Buana Lintas Lautan Tbk	10 April 2019
68	DEWA	Darma Henwa Tbk	26 September 2007
69	DOID	Delta Dunia Makmur Tbk	15 Juni 2001
70	ELSA	Elnusa Tbk	06 Februari 2008
71	FWCT	PT Wijaya Cahaya Timber Tbk	10 Juli 2019
72	GTSI	GTS Internasional Tbk	21 Desember 2020
73	HITS	Humpuss Intermoda Transportasi Tbk	15 Desember 1997
74	INPS	Indah Prakasa Sentosa Tbk	18 November 2019
75	KOPI	Mitra Energi Persada Tbk	04 April 2008
76	LEAD	Logindo Samudramakmur Tbk	11 Desember 2013

77	MAHA	PT Mandiri Herindo Adiperkasa Tbk	10 November 2014
78	MTFN	Capitalinc Investment Tbk	16 Juni 1990
79	MYOH	Samindo Resources Tbk	20 Juli 2000
80	PGAS	Perusahaan Gas Negara Tbk	15 Desember 2003



HASIL SPSS

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
x1	130	.00290	6.53060	.3068600	.75278342
x2	130	.01190	2.98080	.5708838	.56191194
x3	130	.01720	.92010	.5293315	.24238015
x4	130	.10010	.97800	.5781685	.17532875
y	130	.00860	2.65060	.3054015	.44799904
z	130	26.13600	32.10400	29.5911692	1.39810966
Valid N (listwise)	130				

Model Summary ^b					
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.521 ^a	.271	.217	.39647908	2.291
a. Predictors: (Constant), X4_Z, z, x1, x3, x2, x4, X3_Z, X2_Z, X1_Z					
b. Dependent Variable: y					

ANOVA ^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7.027	9	.781	4.967	.000 ^b
	Residual	18.864	120	.157		
	Total	25.891	129			
a. Dependent Variable: y						
b. Predictors: (Constant), X4_C_Z, X1_C, X2_C, X3_C_Z, Z_C, X4_C, X2_C_Z, X3_C, X1_C_Z						

Coefficients ^a								
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.306	.040		7.647	.000		
	X1_C	.248	.055	.417	4.491	.000	.703	1.422
	X2_C	.144	.075	.181	1.920	.057	.686	1.458
	X3_C	.277	.199	.150	1.395	.166	.526	1.902

X4_C	.289	.241	.113	1.201	.232	.684	1.462
Z_C	-.074	.035	-.231	- 2.110	.037	.505	1.980
X1_C_Z	-.087	.114	-.083	-.763	.447	.518	1.932
X2_C_Z	-.193	.072	-.283	- 2.672	.009	.541	1.848
X3_C_Z	.379	.120	.308	3.168	.002	.643	1.556
X4_C_Z	-.017	.153	-.011	-.108	.914	.632	1.583
a. Dependent Variable: y							

One-Sample Kolmogorov-Smirnov Test		
		Unstandardized Residual
N		130
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	.38239939
Most Extreme Differences	Absolute	.196
	Positive	.196
	Negative	-.131
Test Statistic		.196
Asymp. Sig. (2-tailed)		.000 ^c
a. Test distribution is Normal.		
b. Calculated from data.		
c. Lilliefors Significance Correction.		

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.435 ^a	.189	.128	.28351

a. Predictors: (Constant), X4_C_Z, X1_C, X2_C, X3_C_Z, Z_C, X4_C, X2_C_Z, X3_C, X1_C_Z

ANOVA^a

Model	Sum of Squares	df	Mean Square	F	Sig.
-------	----------------	----	-------------	---	------

1	Regression	2.251	9	.250	3.111	.002 ^b
	Residual	9.645	120	.080		
	Total	11.896	129			
a. Dependent Variable: ABS_RES2						
b. Predictors: (Constant), X4_C_Z, X1_C, X2_C, X3_C_Z, Z_C, X4_C, X2_C_Z, X3_C, X1_C_Z						

Coefficients ^a						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.247	.029		8.636	.000
	X1_C	.027	.040	.066	.677	.500
	X2_C	.163	.054	.302	3.038	.003
	X3_C	.239	.142	.191	1.686	.094
	X4_C	-.013	.172	-.007	-.073	.942
	Z_C	-.072	.025	-.330	-2.852	.005
	X1_C_Z	.069	.082	.096	.844	.400
	X2_C_Z	-.178	.052	-.385	-3.444	.001
	X3_C_Z	.197	.086	.236	2.300	.023
	X4_C_Z	.040	.110	.038	.363	.717
a. Dependent Variable: ABS_RES2						

Tests of Between-Subjects Effects					
Dependent Variable: y					
Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.027 ^a	9	.781	4.967	.000
Intercept	9.192	1	9.192	58.476	.000
X1_C	3.170	1	3.170	20.168	.000
X2_C	.580	1	.580	3.687	.057
X3_C	.306	1	.306	1.946	.166
X4_C	.227	1	.227	1.442	.232
Z_C	.700	1	.700	4.451	.037
X1_C_Z	.092	1	.092	.582	.447
X2_C_Z	1.122	1	1.122	7.138	.009
X3_C_Z	1.577	1	1.577	10.034	.002

