

### Lampiran

#### Lampiran 1: Hasil Perhitungan Ratio Profitabilitas pada tahun 2015 – 2019.

TAHUN	PERUSAHAAN	Laba Bersih	Total Ekuitas	Hasil	ROE
2015	PT Adaro	2,114,042,000	46,942,602,000	4.50%	4.50
	PT Aneka tambang	- 1,440,852,896	18,316,718,962	-7.87%	-7.87
	PT Vale Indonesia	505,010	1,833,957	27.54%	27.54
	PT Indo Tambangraya	631,070	834,557	75.62%	75.62
	PT Bukit Asam	1,860,738,000	9,287,547,000	20.03%	20.03
2016	PT Adaro	340,686	6,522,257	5.22%	5.22
	PT Aneka tambang	6,480,618,000	18,408,795,573	35.20%	35.20
	PT Vale Indonesia	1,906	1,834,589	0.10%	0.10
	PT Indo Tambangraya	133,567	907,430	14.72%	14.72
	PT Bukit Asam	2,024,405	10,552,405	19.18%	19.18
2017	PT Adaro	465,293	4,091,627	11.37%	11.37
	PT Aneka tambang	136,503,269	18,490,403,517	0.74%	0.74
	PT Vale Indonesia	- 15,271	1,819,367	-0.84%	-0.84

	PT Indo Tambangraya	252,703	958,139	26.37%	26.37
	PT Bukit Asam	200,618	13,799,985	1.45%	1.45
2018	PT Adaro	410,850	4,302,692	9.55%	9.55
	PT Aneka tambang	1,333,023,537	18,448,366,291	7.23%	7.23
	PT Vale Indonesia	60,512	1,883,727	3.21%	3.21
	PT Indo Tambangraya	258,756	989,783	26.14%	26.14
	PT Bukit Asam	5,121,112	16,269,696	31.48%	31.48
2019	PT Adaro	354,658	3,983,395	8.90%	8.90
	PT Vale Indonesia	57,400	1,941,693	2.96%	2.96
	PT Indo Tambangraya	126,582	884,485	14.31%	4.31
	PT Bukit Asam	4,040,394	18,422,826	21.93%	21.93

**Lampiran 2 : Hasil Perhitungan Kebijakan Deviden pada tahun 2015 – 2019.**

TAHUN	PERUSAHAAN	Deviden Kas	Total Laba bersih	jumlah saham beredar
2015	PT Adaro	1,159,564,000	2,469,558,000	31,985,962,000
	PT Aneka tambang	92,237,426	- 1,440,852,896	24,030,764,725
	PT Vale Indonesia	100,059	505,010	136,413
	PT Indo Tambangraya	200,065	631,070	564,963
	PT Bukit Asam	1,004,380,000	1,860,738,000	2,304,131,850
2016	PT Adaro	101,075	340,686	342,940
	PT Aneka tambang	13,769,108	64,806,180	24,030,764,725
	PT Vale Indonesia	405	1,906	136,413
	PT Indo Tambangraya	41,573	130,709	63,892
	PT Bukit Asam	610,773	2,024,405	30,486
2017	PT Adaro	1,525	465,293	342,940
	PT Aneka tambang	13,749,108	136,503,269	24,030,764,725
	PT Vale Indonesia	- 3,262	- 15,271	136,413

	PT Indo Tambangraya	199,050	252,703	564,963
	PT Bukit Asam	601,856	4,476,444	1,152,066
2018	PT Adaro	140,408	410,850	342,940
	PT Aneka tambang	47,777,374	1,333,023,537	2,403,076,473
	PT Vale Indonesia	12,900	60,512	12,900
	PT Indo Tambangraya	249,373	258,756	148,878
	PT Bukit Asam	3,357,959	5,121,112	2,301,637
2019	PT Aneka tambang	306,048,761	193,852,031	2,403,076,473
	PT Vale Indonesia	12,153	57,400	136,413
	PT Indo Tambangraya	159,017	126,582	159,017
	PT Bukit Asam	3,767,959	4,040,394	402,223

DPS	EPS	DPR	DPR
3.63%	7.72%	46.95%	46.95
0.38%	-6.00%	-6.40%	-6.4
73.35%	370.21%	19.81%	19.81
35.41%	111.70%	31.70%	31.7

43.59%	80.76%	53.98%	53.98
29.5%	99.3%	29.7%	29.7
0.1%	0.3%	21.2%	21.2
0.3%	1.4%	21.2%	21.2
65.1%	204.6%	31.8%	31.8
2003.5%	6640.4%	30.2%	30.2
0.4%	135.7%	0.3%	0.3
0.1%	0.6%	10.1%	10.1
-2.4%	-11.2%	21.4%	21.4
35.2%	44.7%	78.8%	78.8
52.2%	388.6%	13.4%	13.4
40.9%	119.8%	34.2%	34.2
2.0%	55.5%	3.6%	3.6
100.0%	469.1%	21.3%	21.3
167.5%	173.8%	96.4%	96.4
145.9%	222.5%	65.6%	65.6
100.0%	120.9%	82.7%	82.7
12.7%	8.1%	157.9%	157.9
8.9%	42.1%	21.2%	21.2
100.0%	79.6%	125.6%	125.6
936.8%	1004.5%	93.3%	93.3

**Lampiran 3 : Hasil Perhitungan Return Saham pada tahun 2015 – 2019.**

TAHUN	PERUSAHAAN	harga saham
2015	PT Adaro	515
	PT Aneka tambang	314
	PT Vale Indonesia	1,635
	PT Indo Tambangraya	5,725
	PT Bukit Asam	4,525
2016	PT Adaro	1,695
	PT Aneka tambang	895
	PT Vale Indonesia	2,820
	PT Indo Tambangraya	16,875
	PT Bukit Asam	12,500
2017	PT Adaro	1,695
	PT Aneka tambang	895
	PT Vale Indonesia	2,820

	PT Indo Tambangraya	16,875
	PT Bukit Asam	12,500
2018	PT Adaro	1,800
	PT Aneka tambang	625
	PT Vale Indonesia	2,890
	PT Indo Tambangraya	20,700
	PT Bukit Asam	2,460
2019	PT Adaro	1,215
	PT Aneka Tambang	765
	PT Vale Indonesia	3,260
	PT Indo Tambangraya	20,250
	PT Bukit Asam	4,300

**Lampiran 4 : Hasil Perhitungan Nilai Perusahaan pada tahun 2015 – 2019.**

TAHUN	PERUSAHAAN	harga saham	Total Ekuitas	Jumlah Saham
2015	PT Adaro	515	46,942,602,000	31,985,962,000
	PT Aneka tambang	314	18,316,718,962	24,030,764,725
	PT Vale Indonesia	1,635	1,833,957	136,413
	PT Indo Tambangraya	5,725	834,557	564,963
	PT Bukit Asam	4,525	92,875,470,000	2,304,131,850
2016	PT Adaro	1,695	6,522,257	342,940
	PT Aneka tambang	895	18,408,795,573	24,030,764,725
	PT Vale Indonesia	2,820	1,834,589	136,413
	PT Indo Tambangraya	16,875	907,430	63,892
	PT Bukit Asam	12,500	10,552,405	30,486
2017	PT Adaro	1,695	4,091,627	342,940
	PT Aneka tambang	895	18,490,403,517	24,030,764,725
	PT Vale Indonesia	2,820	1,819,367	136,413



	PT Indo Tambangraya	16,875	958,139	63,892
	PT Bukit Asam	12,500	13,799,985	1,152,066
2018	PT Adaro	1,800	4,302,692	342,940
	PT Aneka tambang	625	18,448,366,291	2,403,076,473
	PT Vale Indonesia	2,890	1,883,727	12,900
	PT Indo Tambangraya	20,700	989,783	148,878
	PT Bukit Asam	2,460	16,269,696	2,301,637
2019	PT Adaro	1,215	3,983,395	293,391
	PT Aneka tambang	765	18,133,419,175	2,403,076,473
	PT Vale Indonesia	3,260	1,941,693	136,413
	PT Indo Tambangraya	20,250	884,485	159,017
	PT Bukit Asam	4,300	18,422,826	402,223

BV	PB V
14,676	3.51%

7,622	4.12%
134,442	1.22%
14,772	38.76%
403,082	1.12%
190,187	0.89%
7,661	11.68%
134,488	2.10%
142,026	11.88%
3,461,394	0.36%
119,310	1.42%
7,694	11.63%
133,372	2.11%
149,962	11.25%
119,785	10.44%

125,465	1.43%
76,770	0.81%
1,460,253	0.20%
66,483	31.14%
70,687	3.48%
135,771	0.89%
75,459	1.01%
142,339	2.29%
55,622	36.41%
458,025	0.94%