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LAMPIRAN

LAMPIRAN 1
DATA PERHITUNGAN X1, X2, X3, X4, X5
Perhitungan X1 (Working Capital to Total Asset)

Kode	Tahun	Current asset	Current liabilities	Working capital	Total asset	X1
ADES						
	2015	276,323,000,000	199,364,000,000	76,959,000,000	653,244,000,000	0.1178
	2016	319,614,000,000	195,466,000,000	124,148,000,000	767,479,000,000	0.1618
	2017	294,244,000,000	244,888,000,000	49,356,000,000	840,236,000,000	0.0587
KINO						
	2015	2,089,896,826,583	1,291,021,571,370	798,875,255,213	3,211,234,658,570	0.2488
	2016	1,876,157,549,127	1,220,778,246,218	655,379,302,909	3,284,504,424,358	0.1995
	2017	1,795,404,979,854	1,085,566,305,465	709,838,674,389	3,237,595,219,274	0.2192
MBTO						
	2015	467,304,062,732	149,060,988,246	318,243,074,486	648,899,377,240	0.4904
	2016	472,762,014,033	155,284,557,576	317,477,456,457	709,959,168,088	0.4472
	2017	520,384,083,342	252,247,858,307	268,136,225,035	780,669,761,787	0.3435
MRAT						
	2015	380,988,168,593	102,898,339,772	278,089,828,821	497,090,038,108	0.5594
	2016	372,731,501,477	93,871,952,310	278,859,549,167	483,037,173,864	0.5773
	2017	384,262,906,538	106,813,922,324	277,448,984,214	497,354,491,089	0.5578
TCID						
	2015	1,112,672,539,416	222,930,621,643	889,741,917,773	2,082,096,848,703	0.4273
	2016	1,174,482,404,487	223,305,151,868	951,177,252,619	2,185,101,038,101	0.4353
	2017	1,276,478,591,542	262,571,223,659	1,013,907,367,883	2,361,807,189,430	0.4293
UNVR						
	2015	6,623,114,000,000	10,127,542,000,000	(3,504,428,000,000)	15,729,945,000,000	-0.2228
	2016	6,588,109,000,000	10,878,074,000,000	(4,289,965,000,000)	16,745,695,000,000	-0.2562
	2017	7,941,635,000,000	12,532,304,000,000	(4,590,669,000,000)	18,906,413,000,000	-0.2428

Sumber : www.idx.co.id

Perhitungan X2 (Retained Earning to Total Asset)

Kode	Tahun	Appropriated	unapropriated	Retained earning	Total Asset	X2
ADES						
	2015	213,952,000,000	(482,730,000,000)	(268,778,000,000)	653,244,000,000,000	-0.0004
	2016	213,952,000,000	(426,779,000,000)	(212,827,000,000)	767,479,000,000,000	-0.0003
	2017	213,952,000,000	(388,537,000,000)	(174,585,000,000)	840,236,000,000,000	-0.0002
KINO						
	2015	24,000,000,000	443,923,267,490	467,923,267,490	3,211,234,658,570	0.1457
	2016	48,000,000,000	552,131,530,488	600,131,530,488	3,284,504,424,358	0.1827
	2017	48,000,000,000	622,658,805,215	670,658,805,215	3,237,595,219,274	0.2071
MBTO						
	2015	2,500,000,000	109,527,323,968	112,027,323,968	648,899,377,240	0.1726
	2016	3,000,000,000	115,324,002,894	118,324,002,894	709,959,168,088	0.1667
	2017	3,500,000,000	87,449,514,135	90,949,514,135	780,669,761,787	0.1165
MRAT						
	2015	13,748,488,606	227,357,077,040	241,105,565,646	497,090,038,108	0.4850
	2016	13,748,488,606	221,807,611,362	235,556,099,968	483,037,173,864	0.4877
	2017	13,748,488,606	220,487,659,512	234,236,148,118	497,354,491,089	0.4710
TCID						
	2015	20,106,666,700	1,405,609,800,539	1,425,716,467,239	2,082,096,848,703	0.6848
	2016	20,106,666,700	1,473,826,734,331	1,493,933,401,031	2,185,101,038,101	0.6837
	2017	20,106,666,700	1,549,021,468,930	1,569,128,135,630	2,361,807,189,430	0.6644
UNVR						
	2015	15,260,000,000	4,639,800,000,000	4,655,060,000,000	15,729,945,000,000	0.2959
	2016	15,260,000,000	4,516,698,000,000	4,531,958,000,000	16,745,695,000,000	0.2706
	2017	15,260,000,000	4,985,828,000,000	5,001,088,000,000	18,906,413,000,000	0.2645

Sumber : www.idx.co.id

Perhitungan X3 (EBIT to Total Asset)

Kode	Tahun	EBIT	Total Asset	X3
ADES				
	2015	56,107,000,000	653,244,000,000	0.0859
	2016	78,324,000,000	767,479,000,000	0.1021
	2017	74,038,000,000	840,236,000,000	0.0881
KINO				
	2015	1,468,351,204,094	3,211,234,658,570	0.4573
	2016	1,404,413,938,429	3,284,504,424,358	0.4276
	2017	1,330,497,417,591	3,237,595,219,274	0.4110
MBTO				
	2015	(11,454,570,311)	648,899,377,240	-0.0177
	2016	24,644,369,286	709,959,168,088	0.0347
	2017	(17,005,066,559)	780,669,761,787	-0.0218
MRAT				
	2015	2,255,976,429	497,090,038,108	0.0045
	2016	(4,082,301,885)	483,037,173,864	-0.0085
	2017	(1,355,570,984)	497,354,491,089	-0.0027
TCID				
	2015	218,680,216,268	2,082,096,848,703	0.1050
	2016	235,853,651,395	2,185,101,038,101	0.1079
	2017	225,320,544,503	2,361,807,189,430	0.0954
UNVR				
	2015	7,939,401,000,000	15,729,945,000,000	0.5047
	2016	8,707,661,000,000	16,745,695,000,000	0.5200
	2017	9,495,764,000,000	18,906,413,000,000	0.5023

Sumber : www.idx.co.id

Perhitungan X4 (Market Value of Equity to Total Liabilities)

Kode	Tahun	Market value of equity	current liabilities	current non liabilities	Total liabilities	X4
ADES						
	2015	589,897,000,000	199,364,000,000	125,491,000,000	324,855,000,000	1.8159
	2016	589,897,000,000	195,466,000,000	187,625,000,000	383,091,000,000	1.5398
	2017	589,897,000,000	244,888,000,000	172,337,000,000	417,225,000,000	1.4139
KINO						
	2015	142,857,150,000			1,434,605,406,270	0.0996
	2016	142,857,150,000			1,332,431,950,729	0.1072
	2017	142,857,150,000			1,182,424,339,165	0.1208
MBTO						
	2015	107,000,000,000			214,685,781,274	0.4984
	2016	107,000,000,000			269,032,270,377	0.3977
	2017	107,000,000,000			367,927,139,244	0.2908
MRAT						
	2015	53,500,000,000			120,064,018,299	0.4456
	2016	53,500,000,000			113,947,973,889	0.4695
	2017	53,500,000,000			130,623,005,085	0.4096
TCID						
	2015	100,533,333,500	222,930,621,643	144,294,749,027	367,225,370,670	0.2738
	2016	100,533,333,500	223,305,151,868	178,637,378,908	401,942,530,776	0.2501
	2017	100,533,333,500	262,571,223,659	240,909,629,347	503,480,853,006	0.1997
UNVR						
	2015	76,300,000,000			10,902,585,000,000	0.0070
	2016	76,300,000,000			12,041,437,000,000	0.0063
	2017	76,300,000,000			13,733,025,000,000	0.0056

Sumber : www.idx.co.id

Perhitungan X5 (Sales to Total Asset)

Kode	Tahun	Sales	Total asset	X5
ADES				
	2015	669,725,000,000	653,244,000,000	1.0252
	2016	887,663,000,000	767,479,000,000	1.1566
	2017	814,490,000,000	840,236,000,000	0.9694
KINO				
	2015	3,603,847,602,517	3,211,234,658,570	1.1223
	2016	3,493,028,761,680	3,284,504,424,358	1.0635
	2017	3,160,637,269,263	3,237,595,219,274	0.9762
MBTO				
	2015	694,782,752,351	648,899,377,240	1.0707
	2016	685,443,920,925	709,959,168,088	0.9655
	2017	731,577,343,628	780,669,761,787	0.9371
MRAT				
	2015	428,092,732,505	497,090,038,108	0.8612
	2016	344,361,345,265	483,037,173,864	0.7129
	2017	344,678,666,245	497,354,491,089	0.6930
TCID				
	2015	2,314,889,854,074	2,082,096,848,703	1.1118
	2016	2,526,776,164,168	2,185,101,038,101	1.1564
	2017	2,706,394,847,919	2,361,807,189,430	1.1459
UNVR				
	2015	36,484,030,000,000	15,729,945,000,000	2.3194
	2016	40,053,732,000,000	16,745,695,000,000	2.3919
	2017	41,204,510,000,000	18,906,413,000,000	2.1794

Sumber : www.idx.co.id

Lampiran 2

Laporan Keuangan Perusahaan

Tahun 2015-2017

Sumber : www.idx.co.id