The effect of financial performance on environmental disclosure of mining sector companies listed on IDX

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ABSTRACT

This study aims to examine the effect of financial performance on environmental disclosure in mining sector companies listed on the Indonesia Stock Exchange (IDX) 2012-2014. The data were analyzed using multiple linear regression analysis, with a significance level of 0.05. The samples used in this study are mining sector companies listed on the Indonesia Stock Exchange 2012-2014 and they disclosed their annual reports and environmental condition for three consecutive years. The results of this study show that the variable of profitability has an effect on environmental disclosure. However, when controlled using variable control, it has no effect. Meanwhile, the variable of Tobin's Q has no effect on environmental disclosure either controlled or not controlled by other variables. The implication of this study is that companies should improve their financial performance and environmental disclosure that could provide good news to public. So, the publication of financial statements and environmental disclosure can be useful not only for shareholders but also stakeholders.

1. INTRODUCTION

Environmental and social issues have always become a topic of discussion in the world recently, especially in mining sector. Environmental issues in mining companies are always related to the contamination of water flow, the destruction of agricultural and forest land and the spread of disease. Similar problems also occur frequently in Indonesia, such as the case of illegal sand mining in Lumajang, East Java and the case of PT. Freeport in Papua, which bring the impact on the environment.

Changes in the level of public, social, and environmental awareness lead to the demand for social and environmental reporting. Finally, many companies voluntarily perform social and environmental disclosure in their annual reports. Unfortunately, there is still no special mandatory guideline for companies in Indonesia to produce environmental information to their stakeholders.

Djoko and Laras (2011) examined the relation-
ship between IER (Indonesian Environmental Reporting) Index and the characteristics of the company. The results show that there is an influence between the characteristics of the company and IER (Indonesian Environmental Reporting) Index, in which one of the variables is profitability.

Rochman, et al (2012) conducted a study on the factors that influence the level of disclosure of the environmental responsibility in the annual report. The results of the study show that the factors tested have no effect on the level of disclosure of the environmental responsibility in the annual report.

This study aims to review the previous studies on the relationship between financial performance and environmental disclosure by using control variable, because there is still a gap between the studies. This study uses mining sector companies registered on the Indonesian Stock Exchange (IDX) and the Indonesian Environmental Reporting (IER) to measure the quality of environmental disclosures made by the companies. This index was developed by Suhardjanto, Tower, and Brown (2008) based on Global Reporting Index adapted to the conditions in Indonesia.

2. THEORETICAL FRAMEWORK AND HYPOTHESIS

Legitimacy Theory
In legitimacy theory, Ahmad and Sulaiman, in Komang and Ketut (2014), described that the company’s business activities are restricted by social contract applied by the relationship among the government, companies and communities. The relationship between the legitimacy theory and the variables of this study is the company’s ability to maintain the relationship among the government, companies and communities to fit social norms.

Stakeholder Theory
According to Bernard and Josua (2014), stakeholder theory is a theory that describes the corporate responsibility to the parties concerned. Nurul (2014) described that the increase in environmental problems has attracted the attention of many parties, such as environmental activists, investors, governments, and the public so as to encourage companies to create a solution to overcome the demands of these stakeholders.

Signaling Theory
Diana (2014) stated that signal theory describes the activities that should be undertaken by a company to provide a signal to the users of financial statements, one of the ways is through environmental disclosure. It is a signal or information to investors about the condition of the company.

The Effect of Profitability on Environmental Disclosure
Ardi and Lana (2007) argued that profitability is one of indicators of financial performance made by the management in managing the company's assets in the form of profit generated. Any gains or profits generated by the company through profitability stem from the ability of the company to utilize its assets, sales, and certain investments.

There is relationship between profitability and environmental disclosure. Fr. Reni (2006), in her study, stated that the better the performance of the profitability, the better the ability of the company to inform the company’s financial performance, because management is eager to assure investors about the company’s profitability. Thus, profitability may affect the disclosure made by the company, one of which is environmental disclosure.

The Effect of Company Size and Environmental Disclosure
Dewi (2015) stated that firm size can be described by the size of the assets owned by the company. Meanwhile, in the research conducted by Cowen et al, in Djoko and Laras (2011), described that larger companies will be under pressure to disclose their activities to legitimize their business because the larger companies carry out more activities, have a greater influence on the community, have the shareholders who may be concerned with the environmental program conducted by the companies, and their annual reports are more efficient in communicating such information to stakeholders. For that reason, larger companies are always encouraged to make environmental information disclosure.

The Effect of Leverage on Environmental Disclosure
Dewi (2015) argued that one of the tools used to measure the extent to which a company finances
The effect of financial...

so, Djoko and Laras (2011) described that the use of an enormous debt by the company will allow the company to provide more information to meet the demands of investors and creditors, because creditors will always keep an eye on the funds lent to the company.

The framework of this study is as shown in Figure 1.

Research Hypothesis
H1: Profitability has an effect on environmental disclosure of mining sector companies listed on IDX 2012-2014.
H2: Tobin’s Q has an effect on environmental disclosure of mining sector companies listed on IDX 2012-2014.

3. RESEARCH METHOD
Research Design
This study is quantitative research using secondary data. The hypothesis test is conducted by testing variables and sources of data obtained through the medium. The researchers used data records or facts. Documents were obtained from internal and external (Nur and Bambang 2002: 30).

Variable Identification
This study uses three types of variables: dependent variable (environmental disclosure), independent variables (profitability and Tobin’s Q), and control variables (company size and Leverage).

Operational Definition and Measurement of Variable
Environmental Disclosure
Environmental disclosure is the voluntary disclosure of company’s environmental information in Indonesia. The measurement is an environmental disclosure in this research is conducted using Indonesian Environmental Reporting (IER) index developed by Suhardjanto, Tower, and Brown (2008) (see Table 1).

\[
\text{IER's index} = \frac{\sum(\text{Item Disclosure} \times \text{IER's Index Score})}{\text{Total Items}}. \quad (1)
\]

Profitability
Profitability is an indicator used to measure the management performance in managing the company’s assets. Profitability is measured using one of the indicators in the profitability, namely return on assets (ROA). It is done by comparing the company’s net income to total assets. According to Michell (2010), ROA can be measured by the following formula:

\[
\text{ROE} = \frac{\text{Net Income}}{\text{Total Assets}}. \quad (2)
\]

Tobin’s Q
Tobin’s Q is an indicator used to measure the company value which shows the management performance in managing the company’s assets from the investment perspective. It describes a condition of investment opportunities of the company or the company’s growth potential. Tobin’s Q value can be obtained from the sum of the market value of the stock and the market value of debt compared to total assets.

The formulation made by Lindenberg and Ross (1981) in Bambang and Elen (2010) is as follows:

\[
\text{Tobin’s Q} = \frac{(\text{Current Price} \times \text{Total Shares}) + \text{Total Liabilities}}{\text{Total Asset}}. \quad (3)
\]

Company Size
Company size is an indicator used to determine the size of an entity (small or big). In this study, the company size can be seen from the total assets of a company by adding up all current assets and non-current assets held by the entity.
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According to Rochman, et al (2012), the company size can be measured by the following formula:

\[ \text{Company Size} = \ln(\text{Total Assets}) \]  
(4)

Leverage

Leverage is a ratio used to measure the extent to which the company's assets are financed by the company's liabilities. The measurement in this study can be seen in total liabilities compared to total assets.

A research conducted by Dhaliwal et al (1991) in Ihsanul (2014), leverage can be measured using the following formula:

\[ \text{Ratio} = \frac{\text{Total Debt}}{\text{Total Assets}} \]  
(5)

Population and Sampling Techniques

The population in this study is all mining sector companies listed on the Indonesia Stock Exchange (IDX) 2012-2014. The samples used in this study are selected using purposive sampling method with the aim to show the best results (see Table 2 and 3). There are several criteria that must be met in order for the samples used could be accounted for:

1. The company published its annual report on the Indonesia Stock Exchange (IDX) for three consecutive years during 2012-2014.
The company must provide environmental disclosure for three consecutive years, during 2012-2014.

4. DATA ANALYSIS AND DISCUSSION

Descriptive Analysis

Descriptive statistics describes the data seen from the mean, standard deviation, variance, maximum and minimum values of the samples. The following descriptive analysis is done by looking at the values of mean, standard deviation, maximum, and minimum from Table 4.

Environmental Disclosure

Environmental disclosure is the information possessed by each company by disclosing the environmental conditions in the company’s annual report. Table 4 shows that the samples in this study are 96 companies. The minimum value is 0.000, the maximum value is 0.991, the standard deviation value is 0.235248, and the mean value is 0.28061. The comparison between the standard deviation value and the mean value shows that the standard deviation value is below the mean value, which means that the level of data variation of the environmental disclosure is small or homogeneous.

The company with the highest (maximum) level of disclosure is PT. Timah Tbk (TINS). In 2013, based on the environmental information in the company’s annual report, the company did a very complete disclosure of information in accordance with the criteria specified by IER and easy to read, except for the disclosure of impermeable surfaces in the company’s operations. Meanwhile, the company with the lowest (minimum) level of disclosure (or did not provide the environmental disclosure) is PT. Perdana Karya Perkasa Tbk. (PKPK) in 2012 and 2013. Although the company did not make the environmental disclosure, the company still did the environmental performance as usual. The company did not try to disclose its environmental condition and only provides information on the state of partnership related to its mining operations only (Figure 1).

It is apparent that the average percentage of environmental disclosure continued to decline from 2012 to 2014. The percentage disclosure undertaken in 2012 was 29.6%, and decreased in 2013 by 28.4% and continued to decline in 2014 by 26.2%. The decline in the company’s environmental disclosure trend was caused by the sluggish economic conditions of the mining sector companies from 2012 to 2014. Even in such conditions, few companies still tried to perform high disclosure during the study period.

Figure 2 illustrates the number of disclosures by the companies during the study period in each item. The average total disclosure by the companies in this study is only twenty-five percent. This indicates that the level of environmental disclosure in the mining sector companies is small. The figure shows that the least disclosed item is item number

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Table 2

<table>
<thead>
<tr>
<th>Sampling Criteria</th>
<th>Number</th>
<th>Accumulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>The samples in this study are mining sector companies listed on IDX period 2012 – 2014.</td>
<td>40 X 3 years</td>
<td>120</td>
</tr>
<tr>
<td>The companies do not publish the annual reports for three consecutive years.</td>
<td>(7)</td>
<td>(21)</td>
</tr>
<tr>
<td>The companies do not provide environmental disclosure for three consecutive years.</td>
<td>(1)</td>
<td>(3)</td>
</tr>
<tr>
<td>Data outlier</td>
<td>-</td>
<td>(43)</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>53</td>
</tr>
</tbody>
</table>

Source: Data processed.

Table 3

<table>
<thead>
<tr>
<th>Sampling Criteria</th>
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<td>(3)</td>
</tr>
<tr>
<td>Data outlier</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>96</td>
</tr>
</tbody>
</table>

Source: Data processed.
30, which discusses the impermeable surface.

The lack of disclosure on this item is caused by the need for greater cost to disclose the item. Although the level of environmental disclosure in the mining company is small, 89 companies of a total sample of 96 companies always try to disclose the environmental burden borne by the companies as a result of mining activities of the company. It means that the level of disclosure made by mining companies is quite small, but the companies still try to pay attention to the surrounding communities affected by the mining activities.

**Profitability**

Profitability is one of the elements of financial performance that can be measured by several techniques of measurement, such as Return on Assets (ROA). This ratio informs about the amount of net profit generated by the company as measured by the value of the assets of the company. Based on Table 4, the samples used in this study are 96 companies, with the minimum value of -0.270, maximum value of 0.577, standard deviation value of 0.113181, and the mean value of 0.03444. The comparison between the standard deviation value and the mean value shows the standard deviation value which is above the mean value. This means that the level of data variation of return on assets (ROA) is large or heterogeneous.

The company that has the highest (maximum) ROA ratio is PT. Garda Tujuh Buana Tbk. (GTBO) in 2012, with a profit of IDR 941,905,663,244 and total assets of IDR 1,632,430,639,456. The comparison between profit and total assets which is not too far results in greater return than other companies. The high increase in profit compared to 2011 was caused by a strong increase in production. Higher selling price and good production contracts managed to create a very good financial performance. Meanwhile, the company that has the lowest (minimum) ROA is PT. Chakras Mineral Tbk. (CKRA) in 2014, with a profit of IDR -279,465,000,000 and total assets of IDR 1,036,651,000,000. The negative profit obtained by the company that year was caused by the fall of raw material price and the ban on exports of raw mining materials that affect the company’s revenue and profitability.

Positive value of Return on Assets indicates that with the total assets used, the company is able to provide profit for the company. So, if a company has a high return on assets, the company has a great opportunity in promoting the growth of the company’s assets. Negative value of Return on Assets indicates that with the total assets used, the company is not able to provide profit for the company (loss). The total assets used by the company do not provide profit, thus making the company suffer losses. In addition to the difficult economic
condition, the low ROA ratio is also caused by the expensive raw material price and the ban on exports of raw mining materials, thereby affecting the profitability of the company.

Figure 3 describes the average ROA value for three years. It can be seen that there is a sharp decline. Asset turnover rate in 2012 was 6.6%, or down to 0.3% in just over three periods in 2014. The low ROA in 2012 was not caused by the inability of the company in managing its resources, but by the buildup of coal supply and was not balanced by the increase in sales, thus resulting in the decrease in demand for coal on the international market. This condition continued in 2013, causing companies to suffer losses.

This condition above was worsened by the government regulation related to the ban on the export of raw materials. This caused a sharp decline in return on assets until the end of 2014. In that situation, the economic condition of mining sector companies became sluggish, causing the company’s assets turnover to weaken. It has a relationship with the environmental disclosure. Performing environmental disclosure will require additional costs. Therefore, the company chooses to focus on operational performance to generate better profit.

**Tobin’s Q**

Tobin’s Q is one indicator of business performance measurement, especially about the value of the company, which shows the management performance in managing the assets of the company from the investment perspective. Tobin’s Q value describes a condition of investment opportunities of
the company or the company’s growth potential. From Table 4, it can be seen that the samples used in this study are 96 companies, with the minimum value of 0.6207, the maximum value of 8.7328, standard deviation value of 1.3778994, and the mean value of 1.636341. The comparison between the standard deviation value and the mean value shows that the standard deviation value is below the mean value, which means that the level of data variation of Tobin’s Q is small or homogeneous.

The company with the highest (maximum) Tobin’s Q value is PT. Golden Eagle Energy Tbk. (SMMT) in 2013. This value was obtained because in 2013 the company had the capability of high market capitalization, mainly on the third quarter. This improvement can be demonstrated by looking at the share price and the number of shares outstanding in the company which is increasing very rapidly. One of the company’s performances which are considered successful is the project funded by Bank Permata, called TRI mining project. The company managed to develop the TRI mining concession progressively in the readiness of infrastructure, ports and other facilities needed. So, until the end of 2013, TRI had successfully performed its mining test about twenty thousand tons of coal, while one million tons of coal had been exposed and was ready to be mined. Meanwhile, the company with the lowest (minimum) Tobin’s Q value is PT. Darma Henwa Tbk. (DEWA) in 2014. The ability of the market capitalization that continued to decline during the last 4 years was caused by the falling of coal prices. Many small and medium-scale producers halted production because the coal price in the market could lead to business losses if production was continued. This brings impact on the companies that provide mining contractor service where there was a reduction in production volume.

Figure 4 describes the average Tobin’s Q occurring during the study period 2012-2014. Although the decline occurring is not too high, the value of Tobin’s Q gradually decreases every year. Tobin’s Q is an assessment conducted to determine the value of the company. The ups and downs of the Tobin’s Q value are natural things in the valuation of a company. Some of the causes of the decline in the value of Tobin’s Q are the failure of the small and
medium producers to operate so that several large companies engaged in the rental services experience losses. Although there is a decline, the Tobin’s Q value remains above 1. It can be interpreted that the company has a high value in the market, although the company is still in less good condition.

Company Size
Company size is one of the indicators used to determine whether the entity is small or big. The size of an entity in general can be seen from the value of total assets. Table 4 shows that this study uses 96 samples. The minimum value is IDR 148,540,732,335, the maximum value is IDR 85,413,499,931,399, the standard deviation value is IDR 19,272,504,204,241.9, and the mean value is 11,727,385,992,480.2. The comparison between the standard deviation value and the mean value shows the standard deviation value which is above the mean value, which means that the level of data variation of the company size is large or heterogeneous.

The company size can be seen from some of the company’s reporting, one of which is by seeing the company’s assets. In this study, the company that has a size large is PT. Bumi Resources Tbk. (BUMI) in 2013. The increase in the value of assets of PT. Bumi Resources Tbk. was as the result of the acquisition of several assets of prospects in Ogan Ogan Ulu causing sizeable assets change, although there were some decreases in the accounts in current assets related to investment registration transfer. Meanwhile, PT. Mitra Investindo Tbk. (MITI) had the smallest total assets in this study in 2012. Although in this study the company had lowest total assets, the total assets increased from the previous year. This increase comes from the addition of production machines and the remaining operating results that still have not been used by the company.

Figure 5 describes the average company’s assets each year for three years. The company’s assets can describe the company size seen from the value of its total assets. The company experienced an increase in average assets from 2012 to 2013 because there was sizeable inventory buildup caused by the absence of sales due to sluggish demand in the international market, especially in China. Meanwhile, from 2013 to 2014, the average assets of the compa
ny decreased slightly because some companies released their assets to pay off their debts. Besides, within a period of three years occurred asset revaluation so that few companies experienced an increase in assets with a very large value but most companies suffered impairment to small decrease in value. Therefore, the average company assets in 2014 slightly decreased.

Leverage

Leverage is a ratio used to measure how much the company’s assets that are financed using the company’s liabilities. From these ratios, it can be seen that the company’s ability to finance its assets using its liabilities. Table 4 shows that the samples used in this study were as many as 96 companies. The minimum value is 0.0074, the maximum value is 1.1128, the standard deviation value is 0.2500657, and the mean value is 0.458098. The comparison between the standard deviation value and the average value shows that the standard deviation value is below the mean value, which means that the level of data variation of the leverage is relatively small or homogeneous.

The company with the highest (maximum) leverage ratio was PT. Bumi Resources Tbk. (BUMI) in 2014 which has a smaller value of assets than its total liabilities. The high amount of liability occurred because the company was still in the process of debt settlement and restructuring through a formal moratorium in Singapore and the United States to reduce its debt to a healthy and fair level as soon as possible. Meanwhile, the company with the lowest (minimum) leverage ratio is Citra Kebun Raya Agri Tbk. (CKRA) in 2013. The significant difference occurred between total liabilities and total assets of this company caused by the decline in total liabilities of the company especially on its long-term debt to related parties. The decrease in total liabilities was also followed by a decline in the company’s assets, especially on noncurrent assets.

Figure 6 shows the average leverage of mining sector companies listed on IDX for three years. The average level of leverage decreased slightly from 2012-2013. The decrease was caused by the high growth of the company’s assets in 2013, causing
The effect of financial leverage on the company's return on assets (ROA) and Tobin's Q has been explored in this study. The leverage level in the 2013-2014 period increased significantly by 2.2%, which was caused by a decrease in the value of the company's assets, although not too large. Another factor that contributes to the increase in leverage is the company's tendency to submit more funding to lenders than to investors.

**Classical Assumption Test**
Normality test is used to test whether the data in the regression model are normally distributed. The normality test used in this research is the Kolmogorov-Smirnov test. If the significance (sig.) value is above 0.05, it indicates that the data tested are normally distributed.

Table 5 and 6 are the results of SPSS 20. From the normality test analysis results without the use of control variables, it can be seen that the data used are as many as 53 samples (after outlier). The value of Kolmogorov-Smirnov is 0.820 and the significance value of Asymp. Sig. (2-tailed) is 0.512. Meanwhile, from the normality test results with the use of control variables, it can be seen that the data used are 96 samples (after outliers). The value of Kolmogorov-Smirnov is 1.095 and the significance value of Asymp. Sig. (2-tailed) is 0.182. Based on the value of Asymp. Sig. (2-tailed), both test results have the values above 0.05. This proves that $H_0$ is accepted because the significance value is greater than 0.05, which means that the data are normally distributed.

**Hypothesis Test**

**F Statistic Test**
F statistic test is used to show whether the regression model fits or not. The results of F statistic test are as in Table 7 and Table 8.

Based on Table 7 and 8, F value is 8.651 and 9.480, with a significance value of 0.001 and 0.000.
These values are less than 0.05. This shows that the model regression fits.

**Determination Coefficient (R²) Test**

Determination coefficient test is essentially meant to find out influence of independent variable on dependent variable. The value of determination coefficient is between zero and one. Here are the results of determination coefficient test:

From the Table 9, it can be seen that the value of R or the correlation coefficient for the correlation of the variables used is 0.507 or 50.7%. Meanwhile, the value of Adjusted R Square is used to look at the ability of independent variables in explaining the dependent variable with a value of 0.257, or 25.7%, which means that ROA and Tobin's Q are able to influence the Environmental Disclosure by 25.7%, while the remaining 74.3% is explained by other variables. Based on Table 10, the value of R or the correlation coefficient for the correlation of the variables used is 0.542 or 54.2%. Meanwhile, the value of Adjusted R Square is used to look at the ability of the independent variables in explaining the dependent variable with a value of 0.294, or 29.4%, which means that ROA, Tobin's Q, Company Size, and debt are able to influence the Environmental Disclosure by 29.4%, while the remaining 70.6% is explained by other variables.

**T test**

Basically t statistic test is used to show the effect of independent variables (Return on Assets, Tobin's Q) partially on dependent variable (Environmental Disclosure).

**The First Hypothesis Test**

The first hypothesis is done to test the effect of Return on Assets (ROA) on Environmental Disclosure. Based on Table 11, the t value is 4.003, with a significance level of 0.000, or less than 0.05. This means that ROA has an effect on Environmental Disclosure of mining sector companies listed on IDX 2012-2014, which means that H₁ is accepted.

**The Second Hypothesis Test**

The second hypothesis is done to test the effect of Tobin's Q on Environmental Disclosure. Based on Table 10, the t value is -1.425, with a significance level of 0.160, or greater than 0.05. This means that Tobin's Q has no effect on Environmental Disclosure of mining sector companies listed on IDX 2012-2014, which means that H₂ is accepted.

**The First Hypothesis Test**

The first hypothesis is done to test the effect of ROA on Environmental Disclosure. Based on Table 12, the t-value is 1.007, with a significance level of 0.317, or greater than 0.05. This means that ROA has no effect on Environmental Disclosure of mining sector companies listed on IDX 2012-2014, which means that H₁ is accepted.

The study aims to determine whether profitability and Tobin's Q have an effect on the number of environmental disclosure. Before explaining the results of the above tests, the researchers would like to emphasize that this study uses control variables that serve to control the relationship between the independent variables and the dependent variable. The researchers would like to examine the effect that occurs in each variable when there is and there is no control variable so that the researchers can determine the function of the control variable. Despite the control variable, this study only focuses on the
effect that occurs in the independent variable.

**The Effect of Profitability (Xi) on Environmental Disclosure (Y)**

Based on the analysis result, the variable of profitability which is peroxided by Return on Assets has an effect on environmental disclosure when testing is done without using the variable control. Meanwhile, different result is demonstrated when the analysis is conducted using control variable, where the variable of profitability has no effect on environmental disclosure. In this study, there is an effect of ROA because the better the rate of turnover of net profit on the company’s assets, the better the environmental disclosure made by each company.

Similarly, the lower the company’s ROA, the lower the level of environmental disclosure made by the company. The size of the percentage of growth obtained in the calculation of ROA would be consistent with a growing percentage of the disclosure. This result is consistent with the result of the test performed. Meanwhile, in the subsequent analysis, ROA has no effect. It is because when ROA is grouped in large and small-scale company with a high and low levels of leverage has different environmental disclosure, causing companies with high ROA ratio in large or small-scale companies with a high and low level of leverage have no effect on the size of the level of disclosure done, and neither do with the companies that have small ROA ratio.

This will have an impact on the company’s performance in managing environmental disclosure that is considered very low by investors. Investors believe that the faster the rate of turnover of assets, the faster the profits obtained the company and this makes the company better in keeping the environment around it, thus providing the information to the stakeholders of the company. However, this study shows the opposite because of the small turnover rate of assets due to the difficult economic conditions with the fall of the product prices in mining sector as a result of sluggish market, excessive inventory and the emergence of various policies made by the government which are considered burdensome by some companies. This causes the profitability to have no effect on the level of environmental disclosure. Although the level of disclosure that is made in this study is relatively low, almost all companies in the study always prioritize the communities affected by mining activities. This is consistent with the theory of legitimacy which states that the company’s business activities are restricted social contract that is implemented by the relationship among the government, enterprises and society, which means that although the company is restricted by the difficult economic conditions and the regulations that penalize the performance of the company, the company should still consider another factor that relates to the public.

The results of this study are consistent with the results of the research conducted by Rochman, et al (2012) that there is no effect of ROA variable on environmental disclosure. High or low ROA owned by the company does not affect the level of environmental responsibility disclosure that needs to be conducted and reported by a company.

**The Effect of Tobin’s Q (X\textsubscript{3}) on Environmental Disclosure (Y)**

Based on the analysis of the variable of Tobin’s Q without and with control variable, on the hypothesis test, it can be explained that the variable of Tobin’s Q has no effect on environmental disclosure. This indicates that the high or low value of Tobin’s Q, controlled or not controlled by other variables, shows no effect on the variable of environmental disclosure. Tobin’s Q has no effect on the level of environmental disclosure because of the sluggish economic conditions in mining sector companies. So, the companies with high value of Tobin’s Q do not try to disclose the environmental condition because the reporting is still in voluntary. In such condition, the company tends to focus more on its operational activities, such as the efficiency program to increase production capacity and to control costs.

This will have an impact on investors’ assessment of the ability of the company that has a high investment value in the market, so it can be taken into consideration for the investors to invest. Investors expect the companies with high investment value in the market. The company will pay attention to the environment and will perform the information disclosure for the shareholders. But this study has the opposite result to the theory described. It does not mean that the no effect of Tobin’s Q on environmental disclosure may cause the company to pay no attention to the needs of stakeholders. But, it means that the company does not disclose the environmental condition because the disclosure is still in voluntary and requires additional costs for implementation. On the other hand, the company continues to strive to meet the needs of stakeholders by providing more information and better performance than the previous year.

The results are consistent with the results of the research conducted by Chen, Cheng, Gong and…
Tan (2014), in which there is the company value which is peroxided by Tobin’s q has no effect on voluntary disclosure by reliance on guanxi undertaken by the company, one of which is environmental disclosure. Meanwhile, the opposite result is obtained when the company is not overly dependent on guanxi. Although this study does not use the variable of guanxi, as a moderating variable, this result can be said to be in line for the variable can only be done with better result in China.

5. CONCLUSION, IMPLICATION, SUGGESTION, AND LIMITATIONS
This study is conducted to examine the effect of profitability ratios, which are projected by ROA and Tobin’s Q ratio on environmental disclosure of the mining sector companies. The study uses secondary variables obtained from the Indonesian Stock Exchange (IDX) or www.idx.co.id. The research samples are obtained using purposive sampling and disposal of outlier. The number of samples is 96 mining sector companies listed on the Indonesian Stock Exchange (IDX). The tests used in this research are descriptive analysis test, normality test, and multiple linear regression analysis. Based on the research hypothesis testing and discussion, it can be concluded that:

1. The variable of Return on Assets (ROA) partially has no effect on the Environmental Disclosure of the mining sector companies
2. The variable of Tobin’s Q partially has no effect on Environmental Disclosure of mining sector companies.

The results of this research still have limitations, such as, there are still some data outliers in this study, especially when testing without the control variables so that the results achieved are less maximum or less than expected by the researchers. The measurement carried out on the dependent variable, or Environmental Disclosure, should be repeated with the perception of each researcher because the Disclosure Environmental assessment is subjective. Thus, the value of the Environmental Disclosure of the same companies will have a different value of disclosure between one research and another.

Based on the conclusions and limitations described above, it is suggested that researchers, for further research, specify the criteria on the assumption that the data do not undergo the process of outlier too much so as to obtain maximum results as expected by the researchers. In addition, the measurement of the Environmental Disclosure must be done using the perception of individuals because the value of the Environmental Disclosure is different from measuring other variables. So, further researchers are expected to do the best possible measurements.

The use of control variables needs more attention, moreover when using more than one control variable. The researchers should test each of the control variables. The implications of this study are expected to provide motivation for the company to improve financial performance and publicize environmental disclosure that could be good news, not only for shareholders, but also for stakeholders.

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