

**GEODRILL LIMITED**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**FOR THE YEAR ENDED DECEMBER 31, 2016**

Management's discussion and analysis ("MD&A") is a review of the operations, the liquidity and the results of operations and capital resources of Geodrill Limited ("Geodrill", the "Company" or the "Group"). The consolidated financial statements were prepared in accordance with International Financial Reporting Standards ("IFRS"). This discussion contains forward-looking information. Please see "Forward-Looking Information" for a discussion of the risks, uncertainties and assumptions relating to this MD&A.

This MD&A should be read in conjunction with the comparative audited annual consolidated financial statements for the year ended December 31, 2016 and notes thereto.

This MD&A is dated March 4, 2017. Disclosure contained in this document is current to that date unless otherwise stated.

Additional information relating to Geodrill, including the Company's Annual Information Form, can be found on SEDAR at [www.sedar.com](http://www.sedar.com).

All references to "US\$" are to United States dollars and all references to "CDN\$" are to Canadian dollars.

**FORWARD-LOOKING INFORMATION**

This MD&A contains "forward-looking information" which may include, but is not limited to, statements with respect to the future financial or operating performance of the Company, its subsidiaries, future growth, results of operations, capital needs, performance, business prospects and opportunities. Often, but not always, forward-looking information can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "believes" or variations (including negative variations) of such words or by the use of words or phrases that state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking information is based on certain assumptions and analyses made by the Company in light of its experience and perception of historical trends, current conditions and expected future developments and other factors it believes are appropriate. Forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information contained in this MD&A. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in such forward-looking information, there may be other factors that may cause actions, events or results to differ from those anticipated, estimated or intended. Should one or more of these risks or uncertainties materialize or should assumptions underlying such forward-looking information prove incorrect, actual results, performance or achievements may vary materially from those expressed or implied by the forward-looking information contained in this MD&A.

Forward-looking information contained herein is made as of the date of this MD&A and the Company disclaims any obligation to update any forward-looking information, whether as a result of new information, future events or results or otherwise, except as required by law. There can be no assurance

that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information.

## **Corporate Overview**

Geodrill operates a fleet of Multi-Purpose, Core, Air-core and Grade Control drill rigs. The multi-purpose rigs can perform both reverse circulation (“RC”) and diamond core (“Core”) drilling and can switch from one to the other with little effort or downtime. Multi-purpose rigs provide clients with the efficiency and high productivity of RC drilling and the depth and accuracy of Core drilling without the need to have two different drill rigs on site.

The Company’s rigs and support equipment also incorporate a fleet of boosters and auxiliary compressors, which enable Geodrill to achieve high-quality sampling and operations to greater depths.

The state-of-the-art workshops and supply bases at Anwiankwanta, near Kumasi, Ghana, at Ouagadougou, Burkina Faso and at Bouake, Cote d’Ivoire provide centralized locations for repair and storage of equipment and supplies, which in turn minimizes trucking, shipping and supply costs and allows the rigs to be mobilized to drill sites with minimal delay. The Company has also leased a plot of land consisting of a warehouse, workshop and offices in Chingola, Zambia. The Company uses its Zambian facility to support its drilling activity in Zambia and as a base to expand into the African Copperbelt.

An experienced management team and workforce, a modern fleet of drill rigs and state-of-the-art workshops and supply bases have contributed to Geodrill’s reputation as a results-oriented drilling company that strives to achieve greater drilling depths and provide better quality samples than its competitors in the shortest possible time, safely and in a cost-effective and environmentally conscious manner.

## **Business Strategy**

The Company competes with other drilling companies on the basis of price, accuracy, reliability and experience in the marketplace. The Company’s competitors consist of both large public companies as well as small local operators.

Management believes that the Company has a number of attributes that result in competitive advantages including:

- **Business Development:** The Company continually improves its operations including the following recent and ongoing developments:

A strengthening of the Company’s geographic footprint in West Africa, as the Company has maintained its strong presence in three primary countries being Ghana, Burkina Faso and Cote d’Ivoire, and is operating in Mali and Zambia.

- **A Modern Fleet of Drill Rigs and World Class Workshops:** The Company has accumulated modern state-of-the-art drilling rigs, and established centrally located world class workshops to promote client satisfaction through reliable operational performance. In addition, within the workshop in Ghana is a manufacturing facility with the capacity to produce ancillary equipment such as RC drill rods and RC wire-line drill subs in-house, reducing downtime and reliance on suppliers for these items.

- **Establishing, building and maintaining long-standing relationships with customers:** The Company has strong client relationships. Typically, a longer term client relationship for the Company originally commenced as a short term drill contract won under a competitive bidding process, which has been continually renewed as the respective drilling program of the client has progressed through various phases.
- **Support of well established international and local vendors:** The Company has maintained long standing relationships with international vendors in Australia, Europe, North America and China and has also been supported in West Africa and Zambia by local branches of these suppliers and other local suppliers.
- **Local Knowledge:** The Company's West African market knowledge, expertise and experience have enabled Geodrill to further develop the local networks required to support its operations.
- **Presence in West Africa and the African Copperbelt:** The Company is able to mobilize drill rigs and associated ancillary equipment within a few days of a request by a client. The well-resourced, centrally located workshops further reduce downtime, as the Company can fairly quickly reach most of its current customer sites.
- **An Active and Experienced Management:** Geodrill is led by Dave Harper, President and Chief Executive Officer, Terry Burling, Chief Operating Officer and Greg Borsk, Chief Financial Officer. This group is also supported by: Greig Rodger, General Manager, Stephan Rodrigue, Business Development Manager, Alan McConnon, Training Manager and Don Seguin, Health, Safety and Environmental ("HSE") Manager.
- **A Skilled and Dedicated Workforce:** A favorable compensation and benefits package, coupled with the Company's track record of quality hiring and commitment to frequent, relevant continuous training programs for both permanent and contract employees, has reduced unplanned workforce turnover even during robust mining cycles. This has also increased efficiency and productivity, ensuring the availability and continuity of a skilled labor force.
- **Maintaining a high level of safety standards to protect its people and the environment:** The Company's HSE Group oversees the design, implementation, monitoring and evaluation of the Company's HSE standards, which standards are generally considered to be stringent standards for drilling firms globally and are higher than what is currently required in all local markets in which Geodrill currently operates. Every aspect of Geodrill's operations is designed to meet the highest HSE standards and includes induction meetings, at least one safety meeting per work site, including non-exploration work sites, regular safety audits and detailed investigations of incidents.
- **Commitment to Excellence:** Geodrill is committed to being a company of the highest standard in every aspect of its business operations. This is the framework used by the Company to guide its personnel towards the Company's goals and to be the customer-preferred partner in providing world class drilling services in West Africa and the African Copperbelt.

#### **Market Participants and Geodrill's Client Base**

The Company's client base is predominately in Ghana, Burkina Faso and Cote d'Ivoire. For 2016, Ghana accounted for 42% of the Company's revenue and Burkina Faso, Cote d'Ivoire, Mali and Zambia collectively accounted for 58% of the Company's revenue, compared to 35% for Ghana and 65% for Burkina Faso, Cote d'Ivoire and Mali collectively in 2015.

Management's plans include continuing to add new clients in West Africa where gold is the primary mineral and adding new clients in the African Copperbelt where copper is the primary mineral. The Company will, however, take advantage of opportunities in other minerals, including iron ore, manganese, uranium and phosphate. In addition, the proximity to countries such as Senegal, Mauritania, Liberia, Sierra Leone, Nigeria and Cameroon positions the Company favorably in its ability to service these markets as well, if it so chooses. The Company's drilling focus is still predominately on gold and is still predominately in Ghana, Burkina Faso, Cote d'Ivoire and Mali; however, the Company has also started drilling for copper in Zambia.

The signing of a drilling contract and the actual commencement of drilling do not always happen simultaneously, and in numerous situations there may be a two to three month interval between the signing of an agreement and the commencement of drilling. In addition, given the short-term nature of drilling contracts, there can be no assurance that any contract that the Company currently has will be extended or renewed on terms favorable to the Company. In the event that any of its current contracts are not extended or renewed on favorable terms, or replaced with new contracts, this could have a significant impact on the Company's operations.

For the year ended December 31, 2016, included in revenue are two customers who individually contributed 10% or more to the Group's revenue. One customer contributed 26% and one customer contributed 17%.

For the year ended December 31, 2015, included in revenue are three customers who individually contributed 10% or more to the Group's revenue. One customer contributed 24%, one customer contributed 18% and one customer contributed 16%.

#### **OUTSTANDING SECURITIES AS OF MARCH 4, 2017**

The Company is authorized to issue an unlimited number of Ordinary Shares. As of March 4, 2017 the Company has the following securities outstanding:

Number of Ordinary Shares	43,180,400
Number of Options	<u>2,661,600</u>
Fully Diluted	<u>45,842,000</u>

From January 1, 2016 to March 4, 2017, a total of 2,190,000 options were issued, 1,080,000 options were cancelled, 668,400 options were exercised and 360,000 options expired.

## OVERALL PERFORMANCE

### Revenue Per Country

Location	Fiscal 2016		Fiscal 2015		Fiscal 2014	
	US\$ 000s	%	US\$ 000s	%	US\$ 000s	%
Ghana	30,799	42%	16,600	35%	15,810	44%
Burkina Faso and other	42,551 <sup>(1)</sup>	58%	31,322 <sup>(2)</sup>	65%	19,785 <sup>(3)</sup>	56%
	73,350	100%	47,922	100%	35,595	100%

<sup>(1)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire, Mali and Zambia.

<sup>(2)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire and Mali.

<sup>(3)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire, Mali and Togo.

### Meters Drilled Per Country

Location	Fiscal 2016		Fiscal 2015		Fiscal 2014	
		%		%		%
Ghana	345,791	34%	193,933	26%	151,717	33%
Burkina Faso and other	661,758 <sup>(1)</sup>	66%	540,621 <sup>(2)</sup>	74%	306,889 <sup>(3)</sup>	67%
	1,007,549	100%	734,554	100%	458,606	100%

<sup>(1)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire, Mali and Zambia.

<sup>(2)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire and Mali.

<sup>(3)</sup> Included in Burkina Faso and other is Burkina Faso, Cote d'Ivoire, Mali and Togo.

The Company generated revenue of US\$73.4M in 2016, an increase of US\$25.4M or 53% when compared to US\$47.9M in 2015. The 53% increase in revenue is the result of both meters drilled increasing in 2016 compared to 2015 and the change in mix of meters drilled in 2016 compared 2015. Meters drilled in 2016 totaled 1,007,549 which is an increase of 37% when compared to 734,554 meters drilled in 2015. The Company is continuing to see a recovery in the mineral drilling sector as evidenced by the increase in meters drilled and the increase in revenue. In addition, although meter pricing remains competitive in the industry, the Company is witnessing prices beginning to stabilize.

The gross profit for 2016 was US\$29.5M, being 40% of revenue compared to a gross profit of US\$15.4M, being 32% of revenue for 2015. The gross profit increase reflects the increase in revenue of US\$25.4M and an increase in cost of sales of US\$11.4M. See "Supplementary Disclosure – Non IFRS Measures" on page 19.

EBITDA (as defined herein) for 2016 was US\$19.2M, being 26% of revenue compared to US\$10.4M, being 22% of revenue for 2015. See "Supplementary Disclosure – Non-IFRS Measures" on page 19.

The EBIT (as defined herein) for 2016 was US\$11.6M, compared to EBIT of US\$2M, for 2015. See "Supplementary Disclosure - Non - IFRS Measures" on page 19.

The net income for 2016 was US\$7.1M or US\$0.17 per Ordinary Share (US\$0.16 per Ordinary Share fully diluted), compared to net loss of US\$(1.9)M for 2015 or US\$(0.04) per Ordinary Share (US\$(0.04) per Ordinary Share fully diluted).

## SELECTED FINANCIAL INFORMATION

(in US\$ 000s)	<u>Fiscal Year Ended</u>			<u>% Change</u>	<u>% Change</u>
	2016	2015	2014	2016 vs 2015	2015 vs 2014
<b>Revenue</b>	<b>73,350</b>	<b>47,922</b>	<b>35,595</b>	<b>53%</b>	<b>35%</b>
<b>Cost of Sales</b>	<b>43,870</b>	<b>32,476</b>	<b>28,772</b>	<b>35%</b>	<b>13%</b>
<i>Cost of Sales (%)</i>	60%	68%	81%		
<b>Gross Profit</b>	<b>29,480</b>	<b>15,446</b>	<b>6,823</b>	<b>91%</b>	<b>126%</b>
<i>Gross Profit Margin (%)</i>	40%	32%	19%		
<b>Selling, General and Administrative Expenses</b>	<b>17,648</b>	<b>13,456</b>	<b>12,808</b>	<b>31%</b>	<b>5%</b>
<i>Selling, General and Administrative Expenses (%)</i>	24%	28%	36%		
<b>Foreign Exchange (Loss) / Gain</b>	<b>(187)</b>	<b>37</b>	<b>(6)</b>		
<b>Profit/(Loss) from Operating Activities</b>	<b>11,645</b>	<b>2,027</b>	<b>(5,991)</b>	<b>474%</b>	<b>134%</b>
<i>Profit / (Loss) from Operating Activities (%)</i>	16%	4%	(17%)		
<b>Other Income</b>	-	-	<b>391</b>		
<b>Finance Income</b>	<b>2</b>	<b>2</b>	<b>3</b>		
<b>EBIT*</b>	<b>11,647</b>	<b>2,029</b>	<b>(5,597)</b>	<b>474%</b>	<b>136%</b>
<i>EBIT (%)</i>	16%	4%	(16%)		
<b>Finance Cost</b>	<b>615</b>	<b>734</b>	<b>838</b>		
<i>Finance Cost (%)</i>	1%	2%	2%		
<b>Profit / (Loss) Before Taxation</b>	<b>11,032</b>	<b>1,295</b>	<b>(6,435)</b>	<b>752%</b>	<b>120%</b>
<i>Profit / (Loss) Before Taxation (%)</i>	15%	3%	(18%)		
<b>Income Tax Expense</b>	<b>3,962</b>	<b>3,203</b>	<b>266</b>		
<i>Income Tax Expense (%)</i>	5%	7%	1%		
<b>Net Income / (loss)</b>	<b>7,070</b>	<b>(1,908)</b>	<b>(6,701)</b>	<b>471%</b>	<b>72%</b>
<i>Net Income / (loss) (%)</i>	10%	(4%)	(19%)		
<b>EBITDA **</b>	<b>19,182</b>	<b>10,408</b>	<b>3,528</b>	<b>84%</b>	<b>195%</b>
<i>EBITDA (%)</i>	26%	22%	10%		
<b>Meters Drilled</b>	<b>1,007,549</b>	<b>734,554</b>	<b>458,606</b>	<b>37%</b>	<b>60%</b>
<b>Income / (loss) Per Share</b>					
<b>Basic</b>	<b>0.17</b>	<b>(0.04)</b>	<b>(0.16)</b>		
<b>Diluted</b>	<b>0.16</b>	<b>(0.04)</b>	<b>(0.16)</b>		
<b>Total Assets</b>	<b>73,664</b>	<b>63,060</b>	<b>64,418</b>	<b>17%</b>	<b>(2%)</b>
<b>Total Long - Term Liabilities</b>	<b>2,157</b>	<b>3,669</b>	<b>900</b>	<b>(41%)</b>	<b>308%</b>
<b>Cash Dividend Declared</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>		

\*EBIT = Earnings before interest and taxes.

\*\*EBITDA = Earnings before interest, taxes, depreciation and amortization.

See "Supplementary Disclosure - Non-IFRS Measures" on page 19.

## RESULTS OF OPERATIONS

### FISCAL 2016 COMPARED TO FISCAL 2015

#### Revenue

The Company recorded revenue of US\$73.4M for 2016, as compared to US\$47.9M for 2015, representing an increase of 53%. The increase in revenue is primarily attributable to the number of meters drilled increasing from 734,554 in 2015 to 1,007,549 in 2016 and the change in mix of meters drilled in 2016 compared to 2015. The total meters drilled increased by 37% for 2016 compared to 2015. Pricing also contributed to the revenue increase as the Company has seen prices stabilize as the demand for drilling services continues to increase. The Company has been successful in expanding its client base to include a mix of majors, intermediates and juniors which has contributed to the increase in overall drilling activity and a well balanced mix of drilling services. The percentage of meters drilled for 2016 can be broken down as to 53% RC, 23% grade control, 15% Core and 9% air core as compared to 58% RC, 20% air core, 11% Core and 11% grade control for 2015. In addition to strong drilling activity in RC, Core and grade control, the Company is continuing to drill air core meters which is encouraging and represents clients exploring early stage exploration permits.

Based on the continued increase in the Company's drilling activity level, the stabilization of prices, and the continued strength in the types of offered drilling services, the Company believes that the industry wide slowdown is starting to reverse as the Company is experiencing strong demand across its client base and strong demand for a multitude of drilling services.

#### Cost of Sales and Gross Profit

The gross profit for 2016 was US\$29.5M, compared to a gross profit of US\$15.4M for 2015, being an increase of US\$14.1M. The gross profit percentage for 2016 was 40% compared to 32% for 2015.

The increase in cost of sales for 2016 as compared to 2015 of US\$11.4M reflects the following:

- Drill rig expenses and fuel costs increased by US\$7.5M in conjunction with the increase in revenue and the increase in meters drilled.
- Employees benefits, external services and contractors expenses increased by US\$4.3M due to more workers being required in conjunction with the increase in revenue and the increase in meters drilled.
- Repairs and maintenance increased by US\$0.3M as more repairs and maintenance were undertaken as the Company continues to increase its drill rigs and plant and equipment.
- Depreciation expense decreased by US\$0.7M relating to a greater portion of the Company's drill rigs and plant and equipment being fully depreciated.

#### Selling, General and Administrative ("SG&A") Expenses

SG&A expenses were US\$17.6M for 2016, compared to US\$13.4M for 2015, being an increase of US\$4.2M.

The increase in SG&A expenses of US\$4.2M for 2016 as compared to 2015 reflects the following:

- Employees benefits, external services and contractors expenses increased by US\$4.2M due to more workers being required in conjunction with the increase in revenue and the increase in meters drilled.
- Repairs and maintenance increased by US\$0.2M as more repairs were completed on the Company's motor vehicles as the motor vehicle fleet continues to age.
- Depreciation expense decreased by US\$0.2M relating to a greater portion of the Company's motor vehicles being fully depreciated.

### **Profit from Operating Activities**

Profit from operating activities (after cost of sales, SG&A expenses and foreign exchange gain or loss) for 2016 was US\$11.6M, as compared to a profit from operating activities of US\$2.0M in 2015.

### **EBITDA Margin (see "Supplementary Disclosure – Non-IFRS Measures" on page 19)**

EBITDA margin for 2016 was 26% compared to 22% for 2015. See "Supplementary Disclosure - Non-IFRS Measures" on page 19.

### **EBIT Margin (see "Supplementary Disclosure – Non-IFRS Measures" on page 19)**

EBIT margin for 2016 was 16% compared to an EBIT margin of 4% for 2015. See Supplementary Disclosure - "Non-IFRS Measures" on page 19.

### **Depreciation**

Depreciation of property, plant and equipment was US\$7.5M (US\$7.1M in cost of sales and US\$0.4M in SG&A) for 2016 compared to US\$8.4M (US\$7.8M in cost of sales and US\$0.6M in SG&A) for 2015.

### **Income Tax Expense**

Income tax expense was US\$4.0M for 2016 compared to income tax expense of US\$3.2M for 2015. The income tax expense of US\$4.0M is comprised of current taxes. The Company pays corporate income tax in certain other countries and the Company pays withholding tax on revenues in certain other countries in which it provides drilling services.

### **Net income**

The net income was US\$7.1M for 2016, or US\$0.17 per Ordinary Share (US\$0.16 per Ordinary Share fully diluted), compared to a net loss of US\$(1.9)M, for 2015, or US\$(0.04) per Ordinary Share (US\$(0.04) per Ordinary Share fully diluted).



## **FISCAL 2015 COMPARED TO FISCAL 2014**

### **Revenue**

The Company recorded revenue of US\$47.9M for 2015, as compared to US\$35.6M for 2014, representing an increase of 35%. The increase in revenue was primarily attributable to the number of meters drilled increasing from 458,606 in 2014 to 734,554 in 2015. The total meters drilled increased by 60% for 2015 compared to 2014. The percentage of meters drilled for 2015 was broken down as to 58% RC, 20% air core, 11% Core and 11% grade control as compared to 78% RC, 17% Core and 5% air core for 2014. The Company still experienced pressure on pricing in 2015 as a result of competition in the sector. This was evidenced by the fact that revenue increased by 34% whereas meters drilled increased by 60%.

### **Cost of Sales and Gross Profit**

The gross profit for 2015 was US\$15.4M, compared to a gross profit of US\$6.8M for 2014, being an increase of US\$8.6M. The gross profit percentage for 2015 was 32% compared to 19% for 2014.

The increase in cost of sales for 2015 as compared to 2014 of US\$3.7M reflects the following:

- Drill rig expenses and fuel costs increased by US\$2.1M in conjunction with the increase in revenue and the increase in meters drilled.
- Employees benefits, external services and contractors expenses increased by US\$2.0M due to more workers being required in conjunction with the increase in revenue and the increase in meters drilled.
- Depreciation expense decreased by US\$0.4M relating to a greater portion of the Company's drill rigs and plant and equipment being fully depreciated.

### **Selling, General and Administrative ("SG&A") Expenses**

SG&A expenses were US\$13.5M for 2015, compared to US\$12.8M for 2014, being an increase of US\$0.7M.

The increase in SG&A expenses for 2015 as compared to 2014 of US\$0.7M reflects the following:

- Employees benefits, external services and contractors expenses increased by US\$0.4M due to more workers being required in conjunction with the increase in revenue and the increase in meters drilled.
- Repairs and maintenance increased by US\$0.7M as more repairs were completed on the Company's motor vehicles as the motor vehicle fleet continues to age.
- Depreciation expense decreased by US\$0.4M relating to a greater portion of the Company's motor vehicles being fully depreciated.

### **Profit / Loss from Operating Activities**

Profit from operating activities (after cost of sales, SG&A expenses and foreign exchange gain or loss) for 2015 was US\$2.0M, as compared to a loss from operating activities of US\$(6.0)M in 2014.

## **Other Income**

In 2014 the Company collected US\$0.4M in insurance proceeds relating to an insured rig that was subsequently repaired.

## **EBITDA Margin (see “Supplementary Disclosure – Non-IFRS Measures” on page 19)**

EBITDA margin for 2015 was 22% compared to 10% for 2014. See “Supplementary Disclosure - Non - IFRS Measures” on page 19.

## **EBIT Margin (see “Supplementary Disclosure – Non-IFRS Measures” on page 19)**

EBIT margin for 2015 was 4% compared to a negative EBIT margin of (16)% for 2014. See Supplementary Disclosure - "Non-IFRS Measures" on page 19.

## **Depreciation**

Depreciation of property, plant and equipment was US\$8.4M (US\$7.8M in cost of sales and US\$0.6M in SG&A) for 2015 compared to US\$9.1M (US\$8.1M in cost of sales and US\$1.0M in SG&A) for 2014.

## **Income Tax Expense**

Income tax expense was US\$3.2M for 2015 compared to income tax expense of US\$0.3M for 2014. The income tax expense of US\$3.2M was comprised of current taxes. The Company paid corporate income tax in certain other countries and the Company paid withholding tax on revenues in certain other countries in which it provided drilling services. In 2014 the corporate tax was offset by a deferred tax recovery of US\$1.4M resulting in a tax expense of US\$0.3M.

## **Net Loss**

The net loss was US\$(1.9)M for 2015, or US\$(0.04) per Ordinary Share (US\$(0.04) per Ordinary Share fully diluted), compared to a net loss of US\$(6.7)M, for 2014, or US\$(0.16) per Ordinary Share (US\$(0.16) per Ordinary Share fully diluted).

## SELECTED FINANCIAL INFORMATION - FOURTH QUARTERS

(in US\$ 000s)	Fourth Quarter Ended		% Change
	2016	2015	2016 vs 2015
<b>Revenue</b>	<b>18,774</b>	<b>12,349</b>	<b>52%</b>
<b>Cost of Sales</b>	<b>11,756</b>	<b>8,186</b>	<b>44%</b>
<i>Cost of Sales (%)</i>	63%	66%	
<b>Gross Profit</b>	<b>7,018</b>	<b>4,163</b>	<b>69%</b>
<i>Gross Profit Margin (%)</i>	37%	34%	
<b>Selling, General and Administrative Expenses</b>	<b>4,772</b>	<b>3,680</b>	<b>30%</b>
<i>Selling, General and Administrative Expenses (%)</i>	25%	30%	
<b>Foreign Exchange Gain / (Loss)</b>	<b>125</b>	<b>(131)</b>	
<b>Profit from Operating Activities</b>	<b>2,371</b>	<b>352</b>	<b>574%</b>
<i>Profit from Operating Activities (%)</i>	13%	3%	
<b>Finance Income</b>	-	-	
<b>EBIT*</b>	<b>2,371</b>	<b>352</b>	<b>574%</b>
<i>EBIT (%)</i>	13%	3%	
<b>Finance Cost</b>	<b>152</b>	<b>168</b>	
<i>Finance Cost (%)</i>	1%	1%	
<b>Profit Before Taxation</b>	<b>2,219</b>	<b>184</b>	<b>1,106%</b>
<i>Profit Before Taxation (%)</i>	12%	1%	
<b>Income Tax Expense</b>	<b>1,172</b>	<b>751</b>	
<i>Income Tax Expense (%)</i>	6%	6%	
<b>Net Income / (Loss)</b>	<b>1,047</b>	<b>(567)</b>	<b>285%</b>
<i>Net Income / (Loss) (%)</i>	6%	(5%)	
<b>EBITDA **</b>	<b>4,181</b>	<b>2,391</b>	<b>75%</b>
<i>EBITDA (%)</i>	22%	19%	
<b>Meters Drilled</b>	<b>268,946</b>	<b>204,428</b>	<b>32%</b>
<b>Income / (Loss) Per Share</b>			
<b>Basic</b>	<b>0.03</b>	<b>(0.01)</b>	
<b>Diluted</b>	<b>0.02</b>	<b>(0.01)</b>	
<b>Total Assets</b>	<b>73,664</b>	<b>63,060</b>	<b>17%</b>
<b>Total Long - Term Liabilities</b>	<b>2,157</b>	<b>3,669</b>	<b>(41%)</b>
<b>Cash Dividend Declared</b>	<b>NIL</b>	<b>NIL</b>	

\*EBIT = Earnings before interest and taxes

\*\*EBITDA = Earnings before interest, tax, depreciation and amortization

See "Supplementary Disclosure - Non-IFRS Measures" on page 19

## **FOURTH QUARTER ENDED DECEMBER 31, 2016 COMPARED TO FOURTH QUARTER ENDED DECEMBER 31, 2015**

### **Revenue**

The Company recorded revenue of US\$18.8M for the fourth quarter ended December 31, 2016, as compared to US\$12.3M for the fourth quarter ended December 31, 2015, representing an increase of US\$6.4M or 52%. The increase in revenue is primarily attributable to the number of meters drilled increasing from 204,428 meters in the fourth quarter ended December 31, 2015 to 267,945 in the fourth quarter ended December 31, 2016 and the change in mix of meters drilled. Pricing also contributed to the revenue increase as the Company has seen prices stabilize as the demand for drilling services continues to increase. In addition to another quarter of increased drilling activity, the Company has been able to maintain a well balanced mix of drilling services. The Company has been successful in expanding its client base to include a mix of majors, intermediates and juniors which has contributed to the increase in overall drilling activity and a well balanced mix of drilling services. The percentage of meters drilled for the fourth quarter of 2016 can be broken down as to 39% RC, 39% grade control, 14% core and 8% air core, as compared to 52% RC, 26% air core, 12% grade control and 10% core for the fourth quarter of 2015. The addition of major mining clients is directly attributable to the increase in grade control meters drilled in the fourth quarter of 2016 of 39% of total meters versus 12% for grade control meters for the fourth quarter of 2015. In addition to strong drilling activity in RC, Core and grade control, the Company is continuing to drill air core meters which is encouraging and represents clients exploring early stage exploration permits.

Based on the continued increase in the Company's drilling activity level, the stabilization of prices, and the continued strength in the types of offered drilling services, the Company believes that the industry wide slowdown is starting to reverse as the Company is experiencing strong demand across its client base and strong demand for a multitude of drilling services.

### **Cost of Sales and Gross Profit**

The gross profit for the fourth quarter ended December 31, 2016 was US\$7.0M, as compared to a gross profit of US\$4.2M for the fourth quarter ended December 31, 2015, being an increase of US\$2.8M. The gross profit percentage for the fourth quarter ended December 31, 2016 was 37% compared to 34% for fourth quarter ended December 31, 2015.

The increase in cost of sales for fourth quarter ended December 31, 2016 as compared to fourth quarter ended December 31, 2015 of US\$3.6M reflects the following:

- Drill rig expenses and fuel costs increased by US\$2.2M in conjunction with the increase in revenue and the increase in meters drilled.
- Employee benefits, external services and contractors expenses increased by US\$1.4M due to more workers being required in conjunction with the increase in revenue and the increase in meters drilled.
- Repairs and maintenance increased by US\$0.1M as more repairs and maintenance were undertaken as the Company continues to increase its drill rigs and plant and equipment.
- Depreciation expense decreased by US\$0.1M relating to a greater portion of the Company's drill rigs and plant and equipment being fully depreciated.

### **Selling, General and Administrative (“SG&A”) Expenses**

SG&A expenses for the fourth quarter ended December 31, 2016 were US\$4.8M, compared to US\$3.7M for the fourth quarter ended December 31, 2015, or an increase of US\$1.1M.

The increase in SG&A expenses of US\$1.1M for the fourth quarter ended December 31, 2016 as compared to the fourth quarter ended December 31, 2015 reflects the following:

- Employee benefits, external services and contractors expenses increased by US\$1.2M due to an increase in staff and contractors during the quarter.
- Depreciation decreased by US\$0.1M relating to a greater portion of the Company’s motor vehicles being fully depreciated.

### **Profit from Operating Activities**

Profit from operating activities (after cost of sales, SG&A expenses and foreign exchange gain or loss) for the fourth quarter ended December 31, 2016 was US\$2.4M, as compared to US\$0.4M in the fourth quarter ended December 31, 2015.

### **EBITDA Margin (see “Supplementary Disclosure – Non-IFRS Measures” on page 19)**

EBITDA margin for the fourth quarter ended December 31 2016, was 22% compared to 19% for the fourth quarter ended December 31, 2015. See “Supplementary Disclosure - Non-IFRS Measures” on page 19.

### **EBIT Margin (see “Supplementary Disclosure – Non-IFRS Measures” on page 19)**

EBIT margin for the fourth quarter ended December 31, 2016 was 13% compared to 3% for the fourth quarter ended December 31, 2015. See Supplementary Disclosure - "Non-IFRS Measures" on page 19.

### **Depreciation**

Depreciation of property, plant and equipment was US\$1.8M (US\$1.8M in cost of sales) for the fourth quarter ended December 31, 2016 compared to US\$2M (US\$1.8M in cost of sales and US\$0.2M in SG&A) for the fourth quarter ended December 31, 2015.

### **Income Tax Expense**

Income tax expense was US\$1.2M for the fourth quarter ended December 31, 2016 compared to an income tax expense of US\$0.8M for the fourth quarter ended December 31, 2015. The income tax expense of US\$1.2M is comprised of current taxes. The Company pays corporate income tax in certain other countries and the Company pays withholding tax on revenue in certain other countries in which it provides drilling services.

### **Net Income / (Loss)**

Net income was US\$1.0M for the fourth quarter ended December 31, 2016, or US\$0.03 per Ordinary Share (US\$0.02 per Ordinary Share fully diluted), compared to a net loss of US\$(0.6)M for the fourth quarter ended December 31, 2015, or US\$(0.01) per Ordinary Share (US\$(0.01) per Ordinary Share fully diluted).

## SUMMARY OF QUARTERLY RESULTS

(in US\$ 000s)	2016				2015			
	Dec 31	Sep 30	Jun 30	Mar 31	Dec 31	Sep 30	Jun 30	Mar 31
Revenue	18,774	19,705	19,420	15,452	12,349	10,184	16,001	9,388
Revenue (Decrease)/Increase %	(5%)	1%	26%	25%	21%	(36%)	70%	(3%)
Gross Profit	7,018	7,803	7,767	6,600	4,163	2,620	6,572	2,008
Gross Margin (%)	37%	40%	40%	43%	34%	26%	41%	21%
Net Earnings / (Loss)	1,047	1,902	2,508	1,614	(567)	(1,780)	1,844	(1,405)
Per Share - Basic	0.03	0.04	0.06	0.04	(0.01)	(0.04)	0.04	(0.03)
Per Share - Diluted	0.02	0.04	0.06	0.04	(0.01)	(0.04)	0.04	(0.03)

The Company's revenue decreased on a quarter over quarter basis by US\$0.9M or 5% for the fourth quarter ended December 31, 2016 compared to the third quarter ended September 30, 2016. This is the result of the holidays occurring in December and the slowdown of drilling activities throughout this period. The fourth quarter is the third consecutive quarter in which the Company has reported quarterly revenue close to US\$20M. The last time quarterly revenue exceeded US\$20M was in the third quarter ended September 30, 2012 when the Company recorded revenue of US\$20.1M. The Company was also able to generate gross profit of US\$7.0M in the fourth quarter of 2016. On a quarter to quarter basis, the Company's revenue also increased significantly by US\$6.4M compared to the fourth quarter ended December 31, 2015. The Company is starting to see a recovery in the mineral drilling sector as evidenced by the increase in revenue. In addition, although meter pricing remains competitive in the industry, the Company is witnessing prices beginning to stabilize.

The Company's operations have tended to exhibit a seasonal pattern. The first and fourth quarters are affected due to shutdown of exploration activities, often for extended periods over the holiday season. The second quarter is typically affected by the Easter shutdown of exploration activities affecting some of the rigs for up to one week, however, in 2016 Easter fell in the first quarter. The wet season occurs (in some geographical areas where the Company operates, particularly in Burkina Faso) normally in the third quarter, but in recent years the global weather pattern has become somewhat erratic. The Company has historically taken advantage of the wet season and has scheduled the third quarter for maintenance and rebuild programs for drill rigs and equipment.

### Effect of Exchange Rate Movements

The Company's receipts and disbursements are denominated in US Dollars and local currencies. The Company's main exposure to exchange rate fluctuations arises from certain capital costs, wage costs and purchases denominated in other currencies.

The Company's revenue is invoiced in US Dollars and local currencies. The Company's purchases are in Australian Dollars, US Dollars, Euros, Canadian Dollars and local currencies. Other local expenses include purchases and wages which are paid in the local currency.

## SELECTED INFORMATION FROM CONSOLIDATED STATEMENTS OF CASH FLOWS

(in US\$ 000s)	Fiscal year end		Fourth quarter end	
	2016	2015	2016	2015
Net Cash generated from operating activities	13,947	4,530	6,867	1,174
Net Cash used in investing activities	(8,861)	(2,750)	(1,754)	(773)
Net Cash used in financing activities	(1,545)	(1,214)	(289)	(34)
Effect of movement in exchange rates on cash	(61)	86	(69)	37
<b>Net increase in cash</b>	<b>3,480</b>	<b>652</b>	<b>4,755</b>	<b>404</b>

## LIQUIDITY AND CAPITAL RESOURCES

As at December 31, 2016 the Company had cash of US\$9.3M and US\$1.75M still available on the US\$2M Credit Line. As at December 31, 2016 the Company had loans payable of US\$4.4M. Since the Company has loans payable, the Company continues to monitor its cash and its capital spending in conjunction with the loans that need to be repaid. As at March 4, 2017 the Company has drawn only US\$0.25M on the US\$2M Credit Line.

### FOURTH QUARTER ENDED DECEMBER 31, 2016

#### Operating Activities

In the fourth quarter of 2016, the Company generated cash from operating activities of US\$6.9M, as compared to generating cash from operating activities of US\$1.2M in the fourth quarter of 2015. The Company realized a profit before taxation of US\$2.2M for the fourth quarter of 2016 but the impact of changes in non-cash items and changes in working capital items generated cash of US\$4.5M resulting in cash generated from operations of US\$6.9M.

#### Investing Activities

In the fourth quarter of 2016, the Company's investment in property, plant and equipment was US\$1.8M compared to US\$0.8M in the fourth quarter of 2015. Plant and equipment additions in the fourth quarter of 2016 included costs associated with rebuilding existing drill rigs and related equipment.

#### Financing Activities

During the fourth quarter of 2016, the Company used net cash of US\$0.3M. An amount of US\$0.5M related to the quarterly principal repayment on the US\$5M Term Loan which was offset by US\$0.2M received from the exercise of stock options. In the fourth quarter of 2015, the Company used US\$34,000 relating to the quarterly principal repayment on the US\$2M Term Loan offset by a drawdown of US\$0.25M on the US\$2M Credit Line.

## FISCAL 2016

### Operating Activities

In 2016, the Company generated net cash from operating activities of US\$13.9M, as compared to generating net cash from operating activities of US\$4.5M in 2015. The Company realized a profit before taxation of US\$11.0M for 2016, and the impact of changes in non-cash items and changes in working capital items generated cash of US\$2.9M, resulting in operating cash flow of US\$13.9M.

### Investing Activities

In 2016, the Company's net investment in property, plant and equipment was US\$8.9M compared to US\$2.8M in 2015. One of the Company's greatest attributes is its ability to maintain a readily available modern fleet of drill rigs and related equipment. The Company understands the importance of this and continually invests in its property, plant and equipment. Plant and equipment additions in 2016 totaled US\$8.9M and included the cost of five additional drill rigs added to the fleet, costs associated with rebuilding existing drill rigs and related equipment, new light vehicles and costs associated with completing the operations base in Cote d'Ivoire. The Company continues to balance the need to invest in its property, plant and equipment while ensuring there is enough capital to satisfy the debt repayments as they come due. In 2016 the Company reinvested a significant amount of the cash it generated from operations back into property, plant and equipment.

### Financing Activities

In 2016, the Company used net cash of US\$1.5M relating to financing activities. The Company used US\$1.8M for repayment of loans and received US\$0.3M from the exercise of stock options. In 2015, the Company used net cash of US\$1.2M relating to repayment of loans of US\$6.5M offset by a new US\$5M Term Loan and a drawdown of US\$0.25M on the US\$2M Credit Line.

In summary, in 2016, the Company was able to significantly invest US\$8.9M in property, plant and equipment, repay US\$1.8M in debt in accordance with the debt repayment scheduled payment dates and build up cash balances to US\$9.3M as at December 31, 2016.

### Contractual Obligations

Contractual Obligations in US\$	Payments Due by				
	Total	2017	2018	2019	2020
Operating Leases <sup>(1)</sup>	1,120,000	350,000	300,000	270,000	200,000
Purchase Obligation <sup>(2)</sup>	860,000	860,000	-	-	-
Loans <sup>(3)</sup>	4,860,000	2,560,000	2,300,000	-	-
<b>Total Contractual Obligations</b>	<b>6,840,000</b>	<b>3,770,000</b>	<b>2,600,000</b>	<b>270,000</b>	<b>200,000</b>

(1) The operating leases relate to the lease payments for the two real estate properties, as fully disclosed under "Transactions with Related Parties". The annual rent payable shall be reviewed on an upward only basis every two years depending on the average price of two firms of real estate valutors/surveyors or real estate agents. In addition, operating leases includes amounts for other operating sites.

(2) The purchase obligation refers to the purchase of a drill rig, committed to in January, 2017, that is currently being manufactured.

(3) Loans refer to the US\$5M Term Loan and the US\$2M Credit Line, including the related interest.

Contractual obligations will be funded in the short-term by cash as at December 31, 2016 of US\$9.3M, cash flow generated from operations, and the US\$1.75M amount still available on the US\$2M Credit Line.



## **OUTLOOK**

The Company is starting to see a recovery in the mineral drilling sector as evidenced by the increase in meters drilled and is optimistic that the recovery will continue throughout 2017. In addition, although meter pricing remains competitive in the industry, the Company is witnessing prices beginning to stabilize.

In the fourth quarter of 2016, the Company used one of the Maxcat drill rigs as parts for the other Maxcat rig, resulting in one Maxcat drill rig as at December 31, 2016. The Company also ordered a new multipurpose rig. As at December 31, 2016 the Company had 45 drill rigs; of which 43 drill rigs were available for operation and two drill rigs were in the workshop. On January 10, 2017, the Company ordered an additional drill rig that is currently being manufactured. The Company had a total of 46 drill rigs as at March 4, 2017.

The Company's drill rig fleet available for operation or planned to be available for operation is noted below:

Make - Model	Type	Available for Operation as at Mar 31, 2016		Available for Operation as at Jun 30, 2016		Available for Operation as at Sep 30, 2016		Available for Operation as at Dec 31, 2016		Planned to be available for Operation as at Dec 31, 2017	
		No. of Rigs		No. of Rigs		No. of Rigs		No. of Rigs		No. of Rigs	
UDR - 650	Multi-Purpose	2	1x2003 1x1993	2	1x2003 1x1993	2	1x2003 1x1993	2	1x2003 1x1993	2	1x2003 1x1993
UDR - KL900	Multi-Purpose	3	1x2003 1x1999 1 x 2007	3	1x2007 1x2003 1x1999	3	1x2007 1x2003 1x1999	3	1x2007 1x2003 1x1999	3	1x2007 1x2003 1x1999
Sandvik - DE820	Multi-Purpose	4	3x2008 1x2010	4	3x2008 1x2010	4	3x2008 1x2010	4	3x2008 1x2010	4	3x2008 1x2010
Sandvik - DE810	Multi-Purpose	7	6x2012 1x2010	7	6x2012 1x2010	7	6x2012 1x2010	8	7x2012 1x2010	8	7x2012 1x2010
EDM - 2000	Multi-Purpose	3	3x2011	3	3x2011	3	3x2011	3	3x2011	4	3x2011 1x2017
Austex - X900	Multi-Purpose	5	3x2011 2x 2012	6	3x2011 2x2012 1x2016	8	3x2011 4x 2012 1x2016	8	3x2011 4x 2012 1x 2016	9	3x2011 5x 2012 1x 2016
Sandvik - DE710	Core	8	2x2011 5x2010 1x2009	8	2x2011 5x2010 1x2009	8	2x2011 5x2010 1x2009	8	2x2011 5x2010 1x2009	8	2x2011 5x2010 1x2009
Austex - X300	Aircore Grade Control	5	2x2011 2x2012 1x2010	5	2x2011 2x2012 1x2010	5	2x2011 2x2012 1x2010	5	2x2011 2x2012 1x2010	6	2x2011 2x2012 1x2010 1x2016
Austex X350	RC Grade Control			1	1x2016	1	1x2016	1	1x2016	1	1x2016
Maxidrill Maxcat	Grade control							1	1x2010	1	1x2010
<b>Total Drill Rigs Available for Operation</b>		<b>37</b>		<b>39</b>		<b>41</b>		<b>43</b>		<b>46</b>	

	As at Mar 31, 2016		As at Jun 30, 2016		As at Sep 30, 2016		As at Dec 31, 2016	
	No. of Rigs	Type	No. of Rigs	Type	No. of Rigs	Type	No. of Rigs	Type
Available for Operation	24	Multi-Purpose	25	Multi-Purpose	27	Multi-Purpose	28	Multi-Purpose
	8	Core Only	8	Core Only	8	Core Only	8	Core Only
	5	Air core	5	Air core	5	Air core	5	Air core
			1	RC Grade Control	1	RC Grade Control	1	RC Grade Control
<b>TOTAL AVAILABLE FOR OPERATION</b>	<b>37</b>		<b>39</b>		<b>41</b>		<b>43</b>	
In W/Shop	1	Multi-Purpose	1	Multi-Purpose	2	Multi-Purpose	2	Multi-Purpose
	2	Grade control	2	Grade control	2	Grade control		
					1	Air core		
<b>Total in W/Shop</b>	<b>3</b>		<b>3</b>		<b>5</b>		<b>2</b>	
Manufacturing - in production	1	Multi-Purpose						
<b>Total Manufacturing</b>	<b>1</b>		<b>0</b>		<b>0</b>			
In transit	1	RC Grade Control	2	Multi-Purpose				
			1	Air core				
<b>Total in transit</b>	<b>1</b>		<b>3</b>		<b>0</b>		<b>0</b>	
<b>TOTAL DRILL RIGS</b>	<b>42</b>		<b>45</b>		<b>46</b>		<b>45</b>	

Split								
Multi-Purpose	26		28		29		29	
Core Only	8		8		8		8	
Air Core / grade control	5		6		6		6	
Grade control	2		2		2		1	
RC Grade Control	1		1		1		1	
<b>TOTAL</b>	<b>42</b>		<b>45</b>		<b>46</b>		<b>45</b>	

## SUPPLEMENTARY DISCLOSURE - NON-IFRS MEASURES

EBIT is defined as Earnings before Interest and Taxes and EBITDA is defined as Earnings before Interest, Taxes, Depreciation and Amortization. The definitions are used in this MD&A as measures of financial performance. The Company believes EBIT and EBITDA are useful to investors because they are frequently used by securities analysts, investors and other interested parties to evaluate companies in the same industry. However, EBIT and EBITDA are not measures recognized by IFRS and do not have standardized meanings prescribed by IFRS. EBIT and EBITDA should not be viewed in isolation and do not purport to be alternatives to net income or gross profit as indicators of operating performance or cash flows from operating activities as a measure of liquidity. EBIT and EBITDA do not have standardized meanings prescribed by IFRS and therefore they may not be comparable to similarly titled measures presented by other publicly traded companies. Also, EBIT and EBITDA should not be construed as alternatives to other financial measures determined in accordance with IFRS.

Additionally, EBIT and EBITDA are not intended to be measures of free cash flow for management's discretionary use, as they do not consider certain cash requirements such as capital expenditures, contractual commitments, interest payments, tax payments and debt service requirements.

Gross profit margin is defined as gross profit as a percentage of revenue. Gross profit margin does not have a standardized meaning prescribed by IFRS and therefore may not be comparable to similarly titled measures presented by other publicly traded companies.

The following table is a reconciliation of Geodrill's results from operations to EBIT and EBITDA

(US\$ 000s)	Year ended		Three months ended	
	Dec 31, 2016	Dec 31, 2015	Dec 31, 2016	Dec 31, 2015
Profit from Operating Activities	11,645	2,027	2,371	352
Add: Finance Income	2	2	-	-
Earnings Before Interest and Taxes (EBIT)	11,647	2,029	2,371	352
Add: Depreciation & Amortization	7,535	8,379	1,810	2,039
Earnings Before Interest, Taxes, Depreciation & Amortization (EBITDA)	19,182	10,408	4,181	2,391

## DISCLOSURE CONTROLS AND PROCEDURES

The Chief Executive Officer (the "CEO") and the Chief Financial Officer (the "CFO") of the Company are responsible for establishing and maintaining disclosure controls and procedures ("DC&P") for the Company as defined under Multilateral Instrument 52-109 issued by the Canadian Securities Administrators. The CEO and the CFO have designed such DC&P, or caused them to be designed under their supervision, to provide reasonable assurance that information required to be disclosed by the Company in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in the securities legislation and include controls and procedures designed to ensure that information required to be disclosed by an issuer in its annual filings, interim filings or other reports filed or submitted under securities legislation is accumulated and communicated to the Company's management, including its certifying officers, as appropriate to allow timely decisions regarding required disclosure. As at December 31, 2016, the CEO and CFO evaluated the design and operation of the Company's DC&P. Based on that evaluation, the CEO and CFO concluded that the Company's DC&P were effective as at December 31, 2016.

## **INTERNAL CONTROL OVER FINANCIAL REPORTING**

Management is responsible for establishing and maintaining adequate internal control over financial reporting to provide reasonable assurance regarding the reliability of the Company's financial reporting and the preparation of its consolidated financial statements in accordance with IFRS.

There were no changes in the Company's internal control over financial reporting during the period beginning on January 1, 2016 and ending on December 31, 2016, that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

## **RISK FACTORS**

The following discussion outlines certain relevant risk factors according to the Company's business and industry within which it operates. These risks are not the only risks facing the Company. Additional risks and uncertainties presently not known to the Company may also impair the operations and could potentially affect the Company.

### **Risks Related to the Business and the Industry**

#### **Cyclical Downturns**

The Company's business is highly dependent upon the levels of mineral exploration, development and production activity by mining companies in West Africa. In recent years, a reduction in exploration, development and production activities has caused a decline in the demand for drill rigs and drilling services, which has had a material adverse effect on the Company's business, financial position, resulting operations and prospects. In 2013, 2014 and 2015 the Company was affected by the industry wide slowdown in drilling activities. In 2016 the Company had demand for its services increase as it experienced a record year in terms of meters drilled and revenue recorded. Although the Company has seen a rebound in its activities, there is no guarantee that this trend will continue due to the cyclical nature of the industry.

The operations and financial results of Geodrill may be materially adversely affected by declines in the price of gold and other commodities. The prices of gold and other commodities fluctuate widely and are affected by numerous factors beyond Geodrill's control, such as the sale or purchase of metals by various central banks and financial institutions, interest rates, exchange rates, inflation or deflation, fluctuations in the value of the United States dollar and foreign currencies, global and regional supply and demand and the political and economic conditions of major metals-producing countries throughout the world. The price of gold and other commodities has fluctuated widely in the past, and future serious price declines could cause continued exploration, development of and commercial production by Geodrill's clients to be impracticable. In such event, the operational and financial results from drilling operations would suffer.

Industry experience indicates that prevailing and projected prices of commodities are major influences on the Company's clients' activity levels and planned expenditures. In the past, strong commodities market conditions have led to an increased supply of drill rigs to the market. In the event of a sustained decrease in demand for drilling activities, the market may be oversupplied with drill rigs, which may result in downward pressure on drilling service providers' margins and drilling operations. In addition, historically when commodity prices fall below certain levels, it is not uncommon for mining and exploration expenditures to decline in the following twelve month period. There is a risk that a significant, sustained fall in commodity prices could substantially reduce future mining expenditures, particularly in relation to exploration and production, leading to a decline in demand for the drilling

services offered by the Company which may have a material adverse effect and impact on the Company's business, financial position, results of operations and prospects.

### **Competition**

The Company faces considerable competition from several large drilling services companies and a number of smaller regional competitors. Some of the Company's competitors have been in the drilling services industry for a longer period of time and have substantially greater financial and other resources than the Company. This may mean that they are perceived as being able to offer a greater range of services at more competitive prices than the Company. In addition, new and current competitors willing to provide services at a lower cost will likely continue to occur as demand for drilling services in the West African mining market tightens. Increased competition in the drilling services market may adversely affect the Company's current market share, profitability and growth opportunities. Any erosion of the Company's competitive position could have a material adverse effect on the Company's business, results of operations, financial condition and growth prospects.

A significant portion of the drilling services business is a result of being awarded contracts through a competitive tender process. It is possible that the Company may lose potential new contracts to competitors if it is unable to demonstrate reliable performance, technical competence and competitive pricing as part of the tender process or if mining companies elect not to undertake a competitive tender process, or the Company does not continue to provide a premium service as compared to other competitors, to its existing client base which would cause it to lose its reputation in the market place.

### **Foreign Currency Exposure**

The Company receives the majority of its revenues in US dollars. In February 2014, the Bank of Ghana implemented revised rules on the operation of foreign exchange accounts and foreign currency accounts that required all transactions in Ghana to be conducted in Ghana Cedi. This impacted the first half of 2014 as the Company received more receipts from customers in Ghana Cedi as opposed to US dollars. Effective July 19, 2014 and throughout 2015, the Company was permitted to invoice in Ghana in US dollars. On January 19, 2016 the approval from the Bank of Ghana to invoice in US Dollars was revoked for 2016, however, on February 10, 2016 the Bank of Ghana granted approval for the Company to issue and receive payments in US dollars. The approval was valid up to June 30, 2016 and then subsequently extended to December 31, 2016. In January 2017 the Bank of Ghana granted approval for the Company to issue and receive payments in US dollars. The approval is valid up to December 31, 2017. If the Company has significant cash and receivables in Ghana Cedi it may be exposed to currency fluctuations between US Dollar and the Ghana Cedi. The Company also has significant amounts of CFA relating to operating in certain French West African countries. Although the exchange rate of the CFA has been fairly stable in the past, there can be no assurance that it will continue to be stable. In addition, there is also a significant part of the Company's foreign exchange exposure to the Australian dollars in relation to international purchases. As a result, the Company is exposed to currency fluctuations and exchange rate risks. Currency fluctuations and exchange rate risks between the value of the US dollar and the value of the Australian dollar may increase the cost of the Company's operations and could adversely affect financial results.

### **Concentration of Currency**

The Company receives the majority of its revenues in US dollars and as result, the majority of the Company's cash is in US dollars. To facilitate the payment of certain international suppliers and expenses, the Company holds the majority of its cash in US dollars in jurisdictions where it can efficiently

transfer funds to international suppliers. There can be no assurance that in the future, the Company will be able to continue to hold the majority of its cash in US dollars. The Company also has significant amounts of CFA relating to operating in certain French West African countries. Although the exchange rate of the CFA has been fairly stable in the past, there can be no assurance that it will continue to be stable.

### **Dependence on Certain Key Personnel**

The success of the Company was, and is currently, largely dependent on the performance of management and, in particular, Dave Harper, Terry Burling and Greg Borsk. The group is also supported by Greig Rodger, General Manager, Stephan Rodrigue, Business Development Manager, Alan McConnon, Training Manager and Don Seguin, HSE Manager, to manage its immediate operations as well as the obligations of running a public company. The loss of the services of these persons would likely have a materially adverse effect on the Company's business and prospects. Additionally, there is no assurance that the Company can maintain the services of its management or its key drillers required to operate the business. The Company does not maintain key person insurance on the lives of any of its key personnel.

### **Political Instability**

The Company's drilling activities are in West Africa (Ghana, Burkina Faso, Cote d'Ivoire and Mali) and Zambia. Conducting business in West Africa and Zambia presents political and economic risks including, but not limited to, terrorism, hostage taking, military repression, expropriation, extreme fluctuations in currency exchange rates, high rates of inflation and labour unrest. Changes in mining or investment policies or shifts in political attitudes may also adversely affect the Company's business. Business may be affected in varying degrees by government regulations with respect to, but not limited to, restrictions on production and exploration activities, currency remittance, income taxes, environmental legislation, land use, land claims of local people, water use and safety. The effect of these factors cannot be accurately predicted, however, the Company keeps abreast of all political issues and is prepared to act accordingly.

### **Debt Level**

In response to the need to finance general corporate expenditures including working capital needs, in the past the Company has needed to borrow funds. As a result, the Company has loans payable outstanding. With loans payable outstanding and the required payments, the Company will need to monitor its cash on hand, and its investing activities in response to the level of debt and scheduled loan repayments. The debt requires repayments of principal and interest of approximately US\$2.6M in 2017 and a further US\$2.3M in 2018. The Company has in the past been able to repay debt from cash on hand and cash flow generated from operations, however, there is no certainty that the Company will continue to generate positive cash flow from operations. As at December 31, 2016 the Company had US\$9.3M of cash and an unutilized amount of US\$1.75M on the US\$2M Credit Line available.

### **Revenues and EBITDA**

The Company does not provide financial guidance. In 2016 the Company's revenue increased to US\$73.4M and its EBITDA increased to US\$19.2M. The Company has generated positive EBITDA in the past and has recently increased its EBITDA in the current year to US\$19.2M from US\$10.4M in 2015. There can be no assurance that the Company will be able to increase its EBITDA or will be able to generate positive EBITDA in the future.

### **Sensitivity to General Economic Conditions**

The operating and financial performance of the Company is influenced by a variety of international and country-specific general economic and business conditions (including inflation, interest rates and exchange rates), access to debt and capital markets, as well as monetary and regulatory policies. A deterioration in domestic or international general economic conditions, including an increase in interest rates or a decrease in consumer and business demand, could have a material adverse effect on the financial performance, financial position and condition, cash flows, distributions, share price and growth prospects of the Company.

### **Dependence on Customers with Capital Raising Challenges**

From time to time, the Company may be dependent on customers for a significant portion of revenue and net income who, due to their relative size, could be challenged to attract funding to achieve their business plans. Should a number of our customers face serious capital raising constraints, there can be no guarantee that the Company will be able to secure sufficient replacement customers, potentially leading to future reduced revenue and income levels. Consequently, the Company continues to work to expand its client base to mitigate its exposure to customers with capital raising challenges.

### **Cyber Crime**

Cyber Crime is now recognized as one of the biggest threats to global businesses. The agile nature of business, along with remote working technology, has left more companies open to the risk of cyber-attacks. These crimes range from the malicious, perhaps politically or ideologically motivated through to data or financial theft which may be orchestrated by the amateur hacker or by organised crime. Failure to identify and address these threats would leave the Company vulnerable to attack.

### **Specialized Skills and Cost of Labor Increases**

The Company may not be able to recruit or retain drillers and other key personnel who meet the Company's high standards. A failure by the Company to retain qualified drillers or attract and train new qualified drillers could have a material adverse effect on the Company's financial performance, financial condition, cash flows and growth prospects.

### **Increased Cost of Sourcing Consumables and Drilling Equipment**

When bidding on a drilling contract, the cost of consumables (including fuel) is a key consideration in deciding upon the pricing of a contract. A material increase in the cost of consumables (including fuel) could result in materially higher costs and could materially reduce the Company's financial performance, financial condition, cash flows and growth prospects. Although the Company mitigates the risk of sourcing and pricing of consumables by keeping an inventory and having the capacity to fabricate certain consumable equipment, such as RC drill pipe and RC wire-line drill subs, there remains a risk that the pricing and availability of certain other consumables such as fuel could have a material negative effect on the Company's operations. Additionally, the delay or inability of suppliers to supply key manufacturing inputs, such as steel and other raw materials, may delay manufacturing certain consumables such as RC drill pipe and RC wire-line drill subs, that may have an adverse effect on the operations and the financial position of the Company's business.

### **Inability to Sustain Revenue Levels**

The Company's revenue increased in 2016 to US\$73.4M from US\$47.9M in 2015. The Company's ability to increase or sustain its revenue will depend on a number of factors, many of which are beyond the Company's control, including, but not limited to, commodity prices, the ability of mining companies to raise financing and the global demand for materials. In addition, the Company is subject to a variety of business risks generally associated with growing companies. The Company is not currently contemplating adding a significant number of rigs but will continue to explore geographic expansion. Expanding into other West Africa jurisdictions could place significant strain on the Company's management personnel and the Company may need to recruit additional personnel to service these jurisdictions.

There can be no assurance that the Company will be able to increase or sustain its revenue or that such increased revenue, if achieved, will result in profitable operations, that it will be able to attract and retain sufficient management personnel necessary. The failure to accomplish any of the foregoing could have a material adverse effect on the Company's financial performance, financial condition, cash flows and growth prospects. Further, as the Company increases its geographical footprint, it may need to expand its operations base or establish a new operations base in order to continue to maintain its fleet of drill rigs. There is no assurance that the Company will be able to secure additional real estate leases at all or on commercial terms acceptable to the Company.

### **Client Contracts**

The Company's drilling client contracts are typically based on meters to drill and range for a term of one month to one year and can be cancelled by the client on short or no notice in certain circumstances with limited or no amounts payable to the Company. The short duration of contract periods, typical for the drilling industry, does not provide any certainty of long term cash flows. There is a risk that existing contracts may not be renewed or replaced and that the drill rigs may not be able to be placed with alternative clients. The failure to renew or replace some or all of these existing contracts and cancellation of existing contracts could have a material adverse effect on the Company's financial performance, financial condition, cash flows and growth prospects.

### **International Expansion and Instability**

Expansion internationally entails additional political and economic risk. Some of the countries and areas that the Company may target for expansion could be undergoing industrialization and urbanization and do not have the economic, political or social stability that many developed nations now possess. Other countries have experienced political or economic instability in the past and may be subject to risks beyond the Company's control, such as war or civil disturbances, political, social and economic instability, corruption, nationalization, terrorism, expropriation without fair compensation or cancellation of contract rights, significant changes in government policies, breakdown of the rule of law and regulations and new tariffs, taxes and other barriers, changes in mining or investment policies or shifts in political attitude that may adversely affect the business. There has been an emergence of a trend by some governments to increase their participation, through increased taxation, expropriation, or otherwise. This could negatively impact the level of foreign investment in mining and exploration activities and thus drilling demand in these regions. Such events could result in reductions in revenue and transition costs as equipment is shifted to other locations.



## **Operational Risks and Liability**

Risks associated with drilling include, in the case of employees, personal injury and loss of life and, in the case of the Company, damage and destruction to property, equipment, release of hazardous substances to the environment, including potential environmental liabilities associated with the Company's fuel storage activities, and interruption or suspension of drill site operation due to unsafe drill operations. The occurrence of any of these events may have an adverse effect on the Company, including financial loss, key personnel loss, legal proceedings and damage to the Company's reputation.

In addition, poor or failed internal processes, people or systems, along with external events could negatively impact the Company's operational and financial performance. The risk of this loss, known as operational risk, is present in all aspects of the business of the Company, including, but not limited to, business disruptions, drill rig failures, theft and fraud, damage to assets, employee safety, regulatory compliance issues and business integration issues.

Advances in exploration, development and production technology which could reduce the demand for drilling services may have an adverse impact on the financial performance of the Company.

## **Business Interruptions**

Business interruptions may result from a variety of factors, including regulatory intervention, delays in necessary approvals and permits, health and safety issues or supply bottlenecks and seasonal or extraordinary weather conditions. In addition, the Company operates in geographic locations which are prone to political risks and natural or other disasters. Further, logistical risks such as road conditions, ground conditions and political interference may affect the Company's ability to quickly mobilize or demobilize its drill rigs. The occurrence of business interruptions or conditions could have a material adverse effect on the Company's financial performance, financial condition, cash flows and growth prospects.

## **Risk to the Company's Reputation**

Risks to the reputation of the Company, including any negative publicity, whether true or not, could cause a decline in the Company's customer base and have a material adverse impact on the Company's financial performance, financial condition, cash flows and growth prospects. All risks have an impact on reputation and, as such, reputational risk cannot be managed in isolation from other types of risk. Every employee and representative of the Company is charged with upholding its strong reputation by complying with all applicable policies, legislation and regulations as well as creating positive experiences with the Company's customers, stakeholders and the public.

## **Environment, Labor and Health and Safety Requirements and Related Considerations**

The drilling services industry is regulated by environmental and health and safety regulations. To the extent that the Company fails to comply with laws and regulations, it could lose client contracts and be subject to suspension of operations or other penalties. In addition, accidents at the sites at which the Company operates could adversely affect the Company's ability to retain client contracts and win new business.

The Company is subject to the labour laws and regulations of the various countries in which it operates. Although none of the Company's employees are currently unionized, there is the potential that some or all of its employees may become unionized in the future. There can be no assurance that the Company

will not experience labour problems in the future, such as prolonged work stoppages due to labour strikes, which may have an adverse effect on its results of operations and financial conditions.

Clients are required to hold certain permits and approvals in order for the Company to conduct operations. Clients are generally responsible for obtaining the environmental permits necessary for drilling. There is no assurance that clients will be able to renew or obtain the permits or approvals which are required for the drilling services the Company provides to them, in the time frame anticipated or at all. Any failure to renew, maintain or obtain the required permits or approvals may result in interruption or delay to operations and may have an adverse impact on the Company's business, financial position, results of operations and prospects. In addition, clients rely on concessions, licenses and permits to conduct their activities. Any modification or revocation of these concessions, licenses or permits could result in a decrease in demand for the services of the Company or in contracts with clients being terminated.

### **Insurance Limits**

The Company maintains, to a limited extent, fixed property, motor and general liability insurance. The Company does not insure all of its drill rigs nor its goods in transit, as management has determined that the cost of the premiums outweigh the benefits at this time. Regarding the insurance that the Company does have, there can be no assurance that such insurance will continue to be offered on an economically feasible basis, that all events that could give rise to a loss or liability are insurable or that the amounts of insurance will at all times be sufficient to cover each and every loss or claim that may occur involving the assets or operations of the Company. The Company does not carry business interruption insurance or key man insurance and, as such, any such interruption or loss would have an adverse effect on the financial position of the Company. To the extent that Geodrill incurs losses not covered by its insurance policies, the funds available for operations will be reduced.

### **Uncertain Legal and Regulatory Frameworks**

The Company's business and operations are potentially subject to the uncertain legal and regulatory frameworks in the countries in which it operates. Laws, regulations and local rules governing business entities in these countries may change and are often subject to a number of possibly conflicting interpretations, both by business entities, government departments and the courts. Laws and regulations may be promulgated and overseen by different government entities or departments, which may be national, regional or municipal and these entities may differ in their interpretation and enforcement of the laws and regulations. The business, financial condition, profitability and results of operations of the Company could potentially be adversely affected by changes in and uncertainty surrounding governmental policies, in particular with respect to business laws and regulations, licenses and permits, taxation, exchange control regulations, labor laws and expropriation.

Given the uncertain legal and regulatory framework in some of the West African countries in which the Company operates or may operate in the future, there is a risk that the necessary licenses, permits, certificates, consents and authorizations to implement or conduct operations may not be obtained by either the client or the Company under conditions or within time frames that make such operations viable and that changes to applicable laws, regulations or the governing authorities may result in additional material expenditure or time delays.

### **Tax Risk**

The Company has organized its group structure and its operations in part based on certain assumptions about various tax laws including, among others, income tax and withholding tax, foreign currency and

capital repatriation laws and other relevant laws of a variety of jurisdictions. While the Company believes that such assumptions are correct, there can be no assurance that foreign taxing or other authorities will reach the same conclusion. If such assumptions are incorrect, or if such jurisdictions were to change or modify such laws or the current interpretation thereof, the Company may suffer adverse tax and financial consequences. The Group has drilling activities currently in Ghana, Burkina Faso, Cote d'Ivoire, Mali and Zambia. The Group has subsidiaries or branches in the British Virgin Islands, Ghana, Burkina Faso, Cote d'Ivoire, Mali, Senegal, Zambia, and the DRC. There is a risk in which the countries where Geodrill operates may change their current tax regime with little prior notice or that the tax authorities in these jurisdictions may attempt to claim tax on the global revenues of the Company. A change to the tax regimes in these countries or an unfavorable interpretation of the current tax legislation could have a material adverse effect on the profitability of the Company. In 2016, the Ghana Revenue Authority had implemented new enhanced guidelines regarding exemption from withholding tax. Geodrill Ghana Limited was granted its withholding tax exemption for 2016 and has been granted its withholding tax exemption to June 30, 2017 and believes it will satisfy the criteria for its withholding tax exemption subsequent to June 30, 2017, but there is a risk that the Ghana Revenue Authority could deny this exemption.

### **Credit Risk**

The Company provides credit to its clients in the normal course of its operations. In the past the Company had noticed that certain accounts were taking longer to pay and certain accounts were having difficulty paying and therefore the Company needed to provide for certain accounts. The Company has started working with larger clients and as at December 31, 2016, only 15% of the trade accounts receivable are aged over 91 days and management determined that there is no need for a provision against trade receivables as at December 31, 2016.

For the year ended December 31, 2016, included in revenue are two customers who individually contributed 10% or more to the Group's revenue. One customer contributed 26% and one customer contributed 17%.

### **Geographic Expansion**

Expansion into new African jurisdictions also brings additional geographic and currency risk. There is a risk that the operations, assets, employees or repatriation of revenues could be impaired by factors specific to the regions into which Geodrill may choose to expand.

### **Supply of Consumables**

The Company's operations could place pressure on the ability of its vendors to manufacture and deliver to the Company consumables used in its drilling activities. Any negative impact on the ability of the vendors to deliver their products may constrain the Company's ability to increase its capacity and increase or maintain revenue and profitability.

### **Risks due to Foreign Incorporation**

The Company is incorporated under and governed by the laws of the Isle of Man and consequently shareholders may not have the same rights and protections as they would have under provincial or federal corporate law in Canada. There can be no assurance that shareholder rights and remedies available under the corporate law of the Isle of Man will be enforceable in Canada through Canadian courts or that any orders of the courts of the Isle of Man made under such corporate law will be enforceable in Canada.

## **Equity Market Risks**

There is a risk associated with any investment in the Ordinary Shares. The market price of securities such as the Ordinary Shares of the Company are affected by numerous factors including, but not limited to, general market conditions, actual or anticipated fluctuations in the Company's results of operations, changes in estimates of future results of operations by the Company or securities analysts, risks identified in this section and other factors. In addition, the financial markets have experienced significant price and volume fluctuations that have sometimes been unrelated to the operating performance of the issuers or the industries in which they operate.

## **The Influence of Existing Shareholders and Future Sales by The Harper Family Settlement and Dave Harper**

The Harper Family Settlement and Dave Harper holds or controls, directly or indirectly, 17,623,500 Ordinary Shares representing approximately 40.8% of the Company's issued Ordinary Shares. As a result, The Harper Family Settlement and Dave Harper have the ability to influence the Company's strategic direction and policies, including any sale of all or substantially all of its assets, the election and composition of the Board of Directors, the amendment of the Company's Memorandum and Articles of Association and the declaration of dividends. The foregoing ability to influence the control and direction of the Company could adversely affect investors' perception of the Company's corporate governance and reduce its attractiveness as a target for potential take-over bids and business combinations, and correspondingly affect its share price.

Sales of a large number of Ordinary Shares by The Harper Family Settlement or Dave Harper in the public markets, or the potential for such sales, could decrease the trading price of the Ordinary Shares and could impair Geodrill's ability to raise capital through future sales of Ordinary Shares.

## **Dilution**

The Company may raise additional funds in the future by issuing equity securities. Holders of Ordinary Shares will have no pre-emptive rights in connection with such further issues. Additional Ordinary Shares may be issued by the Company in connection with the exercise of options. Such additional equity issuances could, depending on the price at which such securities are issued, substantially dilute the interests of the holders of Ordinary Shares.

## **Lack of Dividend Payments**

Geodrill does not pay dividends other than a real estate dividend in 2010, issued in connection with the IPO reorganization of the Company, no dividends on the Ordinary Shares have been paid to date. Geodrill anticipates that for the foreseeable future it will retain future earnings and other cash resources for the operation and development of its business. Payment of any future dividends will be at the discretion of the Board of Directors after taking into account many factors, including Geodrill's earnings, operating results, financial condition, current and anticipated cash needs and restrictions in financing agreements.

## **FAIR VALUES OF FINANCIAL INSTRUMENTS**

As at December 31, 2016 and 2015, the Group did not hold any financial assets at fair value through profit or loss, derivatives or available-for-sale financial assets.

The carrying values of cash, trade and other receivables, trade and other payables and related party payables approximate their fair value due to the relatively short period to maturity of the instruments. The carrying value of loans payable approximates their fair value as the fixed rate loans have been acquired recently and their carrying value continues to reflect fair value.

### Financial Instruments by Category

	Loans and Receivables US\$	Other Financial Liabilities US\$	Carrying Amount US\$	Total Fair Value US\$
<b>December 31, 2016</b>				
<b>Financial assets</b>				
Trade and other receivables	13,047,916	-	13,047,916	13,047,916
Cash	9,328,786	-	9,328,786	9,328,786
	22,376,702	-	22,376,702	22,376,702
<b>Financial liabilities</b>				
Trade and other payables	-	9,003,131	9,003,131	9,003,131
Related party payables	-	923,025	923,025	923,025
Loans payable	-	4,350,872	4,350,872	4,350,872
	-	14,277,028	14,277,028	14,277,028
<b>December 31, 2015</b>				
<b>Financial assets</b>				
Trade and other receivables	7,968,335	-	7,968,335	7,968,335
Cash	5,848,552	-	5,848,552	5,848,552
	13,816,887	-	13,816,887	13,816,887
<b>Financial liabilities</b>				
Trade and other payables	-	7,273,873	7,273,873	7,273,873
Related party payables	-	923,025	923,025	923,025
Loans payable	-	6,150,219	6,150,219	6,150,219
	-	14,347,117	14,347,117	14,347,117

## FINANCIAL RISK MANAGEMENT

### Overview

The Group has exposure to the following risks from its use of financial instruments:

- credit risk
- liquidity risk
- market risk

This note presents information about the Group's exposure to each of the above risks, the Group's objectives, policies and processes for managing risk, methods used to measure the risks and the Group's management of capital.

### Risk management framework

The Board of directors has overall responsibility for the establishment and oversight of the Group's risk management framework.

The Group's management team is responsible for developing and monitoring the Group's risk management policies. The team meets periodically to discuss corporate plans, evaluate progress reports and establish action plans to be taken. The day-to-day implementation of the Board's decisions rests with the CEO.

**(i) Credit risk**

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial asset fails to meet its contractual obligations, and arises principally from the Group's receivables from customers and cash.

*Trade and other receivables*

The Group's exposure to credit risk is minimized as customers are given 30 to 60 day credit periods for services rendered. New clients are approved by the CEO and trade receivables are monitored closely by the CEO.

For the year ended December 31, 2016, two customers individually contributed 10% or more to the Group's revenue. One customer contributed 26% and one customer contributed 17%.

For the year ended December 31, 2015, three customers individually contributed 10% or more to the Group's revenue. One customer contributed 24%, one customer contributed 18% and one customer contributed 16%.

*Exposure to credit risks*

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk at the reporting date was:

	<b>2016 US\$</b>	<b>2015 US\$</b>
Trade and other receivables	13,047,916	7,968,335
Cash	9,328,786	5,848,552
	<u>22,376,702</u>	<u>13,816,887</u>

The maximum exposure to credit risk for trade and other receivables at the reporting dates by type was:

	<b>2016 US\$</b>	<b>2015 US\$</b>
Mining and exploration companies	12,891,685	7,863,848
Others	156,231	104,487
	<u>13,047,916</u>	<u>7,968,335</u>

The ageing of trade receivables due from mining and exploration companies at the reporting dates was:

	<b>2016 US\$</b>	<b>2015 US\$</b>
Less than 30 days	5,138,623	3,940,756
31 - 60 days	4,532,341	3,374,177
61 - 90 days	1,317,677	376,333
91 days and greater	1,903,044	172,582
	<u>12,891,685</u>	<u>7,863,848</u>

The maximum exposure to credit risk for trade and other receivables at the reporting dates by segment was:

	<b>2016 US\$</b>	<b>2015 US\$</b>
Ghana	4,210,098	3,467,811
Outside Ghana	8,837,818	4,500,524
	<u>13,047,916</u>	<u>7,968,335</u>

## (ii) Liquidity risk

Liquidity risk is the risk that the Group either does not have sufficient financial resources available to meet all of its obligations and commitments as they fall due, or can access them only at excessive cost. The Group's approach to managing liquidity is to ensure that it will maintain adequate liquidity to meet its liabilities when due by monitoring and scheduling cash in bank movements and reinvesting profits earned.

The Group's obligation and principal repayments on its financial liabilities are presented in the following table:

	<b>Total US\$</b>	<b>Within One Year US\$</b>	<b>From One to Three Years US\$</b>
<b>December 31, 2016</b>			
<b>Non-derivative financial liability</b>			
Trade and other payables	10,546,498	10,546,498	-
Related party payables	923,025	923,025	-
Loans payable	4,350,872	2,194,272	2,156,600
Balance at December 31, 2016	<u>15,820,395</u>	<u>13,663,795</u>	<u>2,156,600</u>
<b>December 31, 2015</b>			
<b>Non-derivative financial liability</b>			
Trade and other payables	7,723,699	7,723,699	-
Related party payables	923,025	923,025	-
Loans payable	6,150,219	2,481,299	3,668,920
Balance at December 31, 2015	<u>14,796,943</u>	<u>11,128,023</u>	<u>3,668,920</u>

### (iii) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates and equity prices will affect the Group's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing returns. Management regularly monitors the level of market risk and considers appropriate strategies to mitigate those risks. Sensitivity analysis relating to key market risks has been provided below.

#### (a) Foreign currency risk

The Group is exposed to currency risk on cash, trade receivables, trade payables and taxes payable that are denominated in currencies other than the functional currency. The other currencies in which these transactions are denominated are EURO, Ghana Cedis (GH¢), Great British Pound (GBP), Central African Franc (CFA), Australian Dollar (AUD), Canadian Dollar (CAD) and Zambian Kwacha (ZMW).

The Group's exposure to foreign currency risk was as follows based on foreign currency amounts.

December 31, 2016	EURO	GH¢	GBP	CFA	AUD	CAD	ZMW
Cash	7,393	878,189	15,039	1,224,928,127	72,427	172,109	387,715
Trade receivables	-	-	-	2,825,462,744	-	-	-
Trade payables	(251,474)	(3,520,372)	(46,446)	(368,474,976)	(2,766,313)	(490,133)	(7,900)
Taxes payable	-	-	-	(630,145,174)	-	-	-
Gross exposure	(244,081)	(2,642,183)	(31,407)	3,051,770,721	(2,693,886)	(318,024)	379,815

December 31, 2015	EURO	GH¢	GBP	CFA	AUD	CAD	ZMW
Cash	68,632	134,461	32,865	348,520,745	8,280	45,880	25,553
Trade receivables	-	-	-	533,712,720	-	-	-
Trade payables	(212,859)	(2,850,991)	(5,690)	(203,506,681)	(2,159,596)	(401,565)	-
Taxes payable	-	-	-	(210,964,215)	-	-	-
Gross exposure	(144,227)	(2,716,530)	27,175	467,762,569	(2,151,316)	(355,685)	25,553

The following significant exchange rates applied during the years:

US\$1=	2016		2015	
	Reporting Rate	Average Rate	Reporting Rate	Average Rate
EURO	0.9501	0.9037	0.9168	0.9009
GH¢	4.1403	3.9331	3.8011	3.7593
GBP	0.8100	0.7402	0.6755	0.6542
CFA	623.3000	592.5420	600.8870	590.9796
AUD	1.3876	1.3452	1.3699	1.3308
CAD	1.3437	1.3252	1.3869	1.2776
ZMW	9.9112	10.2793	10.9357	8.5581

#### Sensitivity analysis on currency risks

The following table shows the effect of a strengthening or weakening US\$ against all other currencies on equity and profit or loss. This sensitivity analysis indicates the potential impact on equity and profit or loss based upon the foreign currency exposures, (see "foreign currency risk" above) and it does not represent actual or future gains or losses. The sensitivity analysis is based on a change of 10% in the closing exchange rate per currency recorded in the course of the respective financial year.



A strengthening/weakening of the US\$, by the rates shown in the table, against the following currencies would have increased/decreased equity and profit and loss by the amounts shown below.

This analysis assumes that all other variables, in particular interest rates, remain constant.

	2016			2015		
	% Change	Profit or Loss impact before tax US\$	Equity US\$	% Change	Profit or Loss impact before tax US\$	Equity US\$
EURO	±10	±25,690	±25,690	±10	±23,255	±23,255
GH¢	±10	±63,816	±63,816	±10	±84,615	±84,615
GBP	±10	±3,877	±3,877	±10	±2,700	±2,700
CFA	±10	±489,615	±489,615	±10	±77,845	±77,845
AUD	±10	±194,140	±194,140	±10	±158,660	±158,660
CAD	±10	±23,668	±23,668	±10	±29,010	±29,010
ZMW	±10	±3,832	±3,832	±10	±140	±140

## (b) Interest rate risk

The Group is exposed to interest rate risk on its bank balances and loans.

### Profile

At the reporting dates, the interest rate profiles of the Group's interest-bearing financial instruments were:

	2016 US\$	2015 US\$
<b>Variable rate instruments</b>		
Bank balances	9,182,524	5,771,855
<b>Fixed rate instruments</b>		
Loans	4,350,872	6,150,219

### Sensitivity analysis for variable rate instruments

A change of 200 basis points in the interest rate at the reporting date would have increased / (decreased) equity and profit or loss by the amounts shown below. This analysis assumes that all other variables, in particular foreign currency rates, remain constant. The analysis is performed on the same basis for 2016 and 2015.

	2016			2015		
	% Change	Profit or Loss impact before tax US\$	Equity US\$	% Change	Profit or Loss impact before tax US\$	Equity US\$
Bank balances	±2%	±183,650	±183,650	±2%	±115,437	±115,437

#### (iv) Capital management

The Group manages its capital structure and makes adjustments to it to effectively support the Group's operations. In the definition of capital the Group includes, as disclosed on its consolidated statement of financial position: share capital, retained earnings, reserves and loans.

The Group's capital at December 31, 2016 and 2015 is as follows:

<b>Capital Management</b>	<b>2016 US\$</b>	<b>2015 US\$</b>
Loans payable	4,350,872	6,150,219
Share capital	21,671,076	21,150,866
Share-based payment reserve	3,991,245	3,775,907
Retained earnings	29,490,254	22,420,684
	<u>59,503,447</u>	<u>53,497,676</u>

#### RELATED PARTY TRANSACTIONS

<b>Related party</b>	<b>Relationship</b>	<b>Country of Incorporation</b>	<b>Ownership Interest</b>	
			<b>2016</b>	<b>2015</b>
Geodrill Ghana Limited	Subsidiary	Ghana	100%	100%
D.S.I. Services Limited	Subsidiary	British Virgin Islands	100%	100%
Geotool Limited	Subsidiary	British Virgin Islands	100%	100%
Geo-Forage BF SARL	Subsidiary	Burkina Faso	100%	100%
Geo-Forage Cote d'Ivoire SARL	Subsidiary	Cote d'Ivoire	100%	100%
Geo-Forage Mali SARL	Subsidiary	Mali	100%	100%
Geo-Forage Senegal SARL	Subsidiary	Senegal	100%	100%
Geo-Forage DRC SARL	Subsidiary	Democratic Republic of Congo	100%	100%
Geodrill Limited in Zambia	Registered foreign operating entity	Zambia	100%	100%
TransTraders Limited	Related party	Isle of Man	-	-
The Harper Family Settlement	Significant shareholder	Isle of Man	-	-

#### (i) Transactions with related parties

Transactions with companies within the Group have been eliminated on consolidation.

On June 21, 2016 TransTraders Limited ("TTL") transferred a related party payable owing to TTL to The Harper Family Settlement. One of the directors of the trustee of The Harper Family Settlement is also a director of Geodrill Limited. On September 5, 2016 TTL was dissolved.

The Harper Family Settlement owns 40.8% (December 31, 2015: 41.2%) of the issued share capital of Geodrill Limited. Geodrill Ghana Limited originally entered into an agreement with The Harper Family Settlement to lease the Anwiankwanta property for US\$112,000 per annum and the Accra property for US\$48,000 per annum. The material terms of the five year lease agreement include: (i) the annual rent payable shall be reviewed on an upward only basis every two years based on the average price of two firms of real estate valuers/surveyors or real estate agents; and (ii) at the end of the original five year lease term. On September 30, 2015 Geodrill Ghana Limited entered into a new lease for the Anwiankwanta property and a new lease for the Accra property, both for an additional five year term at rates consistent with those determined pursuant to the October 1, 2014 rent review. Only Geodrill

Ghana Limited can terminate the lease by giving twelve months' notice. On October 1, 2016 in conjunction with the rent review, Geodrill Ghana Limited agreed to increase the rent for the Anwiankwanta property to US\$186,000 per annum and the rent for the Accra property to US\$78,000 per annum.

The Group has paid agency fees to Clearwater Fiduciary Services Limited during the year ended December 31, 2016 of US\$5,051 (2015: US\$Nil). One of the directors of Clearwater Fiduciary Services Limited is also a director of Geodrill Limited.

The Group has paid consulting fees to MS Risk Limited during year ended December 31, 2016 of US\$Nil (2015: US\$11,066). One of the directors of MS Risk Limited is also a director of Geodrill Limited. An officer of Geodrill Limited was also a director of MS Risk Limited up to March 18, 2016.

Future operating lease commitments related to the properties are:

	<b>2016</b>	<b>2015</b>
	<b>US\$</b>	<b>US\$</b>
Payable within one year	264,000	240,000
Payable between 1 and 5 years	728,000	900,000
<b>Total</b>	<b>992,000</b>	<b>1,140,000</b>

During the year ended December 31, 2016 lease payments amounted to US\$240,000 (2015: US\$240,000).

## **(ii) Key management personnel and directors' transactions**

The Group's key management personnel, and persons connected with them, are also considered to be related parties for disclosure purposes. The definition of key management includes the close members of the family of key personnel and any entity over which key management exercises control. The key management personnel have been identified as directors of the Group and other management staff. Close members of family are those family members who may be expected to influence, or be influenced by that individual in their dealings with the Group.

Key management personnel and directors' compensation for the year comprised:

	<b>2016</b>	<b>2015</b>
	<b>US\$</b>	<b>US\$</b>
Short-term benefits	2,220,676	1,983,000
Share-based payment arrangements	398,414	84,186
	<b>2,619,090</b>	<b>2,067,186</b>

## **(iii) Related party balances**

The related party payable outstanding as at December 31, 2016 amounts to US\$923,025 (December 31, 2015: US\$923,025). The related party payable to The Harper Family Settlement is unsecured, interest free and is repayable on demand at the option of the lender.

## SIGNIFICANT ACCOUNTING POLICIES

### a. **Statement of compliance**

The consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (“IFRS”).

### b. **Basis of measurement**

The consolidated financial statements are prepared on the historical cost basis except where otherwise stated.

### c. **Functional and presentation currency**

The consolidated financial statements are presented in United States dollars which is the Company’s and its subsidiaries’ functional and presentation currency.

### d. **Basis of consolidation**

#### (i) Subsidiaries

Subsidiaries are entities controlled by the Company. Control exists when the Company has the power to govern the financial and operating policies of an entity so as to obtain benefits from its activities. In assessing control, potential voting rights that are exercisable are taken into account. The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases. Consistent accounting policies and the same reporting period are used for all Group entities.

#### (ii) Transactions eliminated on consolidation

Intra-Group balances, unrealized gains and losses, transactions and dividends are eliminated in preparing the consolidated financial statements.

### e. **Financial instruments**

#### (i) Recognition

Financial assets and financial liabilities are recognized when a Group entity becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit or loss.

Financial assets are classified into the following specified categories: financial assets ‘at fair value through profit or loss’ (“FVTPL”), ‘held-to-maturity’ investments, ‘available-for-sale’

("AFS") financial assets and 'loans and receivables'. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition.

Subsequent to initial recognition, the treatment of financial assets depends on their classification. Those recognized as FVTPL are carried in the consolidated statement of financial position at fair value with changes in fair value recognized in profit or loss. AFS financial assets are recognized in the consolidated statement of financial position at fair value with unrealized gains and losses recognized as other comprehensive income until the investment is derecognized or impaired, at which time gains and losses are recognized in, or reclassified to, profit or loss. Loans and receivables and held-to-maturity investments are measured at amortized cost using the effective interest method, less impairment.

Financial liabilities are classified as either financial liabilities "at FVTPL" or "other financial liabilities".

Subsequent to initial recognition, the treatment of financial liabilities depends on their classification. Those recognized as FVTPL are carried in the consolidated statement of financial position at fair value with changes in fair value recognized in profit or loss. Other financial liabilities are measured at amortized cost using the effective interest method.

(ii) Derecognition

Financial assets are derecognized when the contractual rights to the cash flows from the asset expire, or the Group transfers the rights to receive the contractual cash flows or the financial asset in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred. Any interest in transferred financial assets that is created or retained by the Group is recognized as a separate asset or liability.

Financial liabilities are derecognized when, and only when, the Group's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit or loss.

(iii) Measurement

The Group applies a hierarchy to measure financial instruments carried at fair value. Levels 1 to 3 are defined based on the degree to which fair value inputs are observable and have a significant effect on the recorded fair value, as follows:

Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2: Valuation techniques using significant observable inputs, either directly (i.e., as prices) or indirectly (i.e., derived from prices), or valuations that are based on quoted prices for similar instruments; and

Level 3: Valuation techniques using significant inputs that are not based on observable market data (unobservable inputs). The fair values of financial instruments are determined using market prices for quoted instruments and widely accepted valuation techniques for other instruments. Valuation techniques include discounted cash flows, standard valuation models based on market parameters, dealer quotes for similar instruments and expert valuations.

When fair values of unquoted instruments cannot be measured with sufficient reliability, such instruments are carried at cost less impairments, if applicable.

(iv) Amortized cost measurement

The amortized cost of a financial asset or liability is the amount at which the financial asset or liability is measured at initial recognition, minus principal repayments, plus or minus the cumulative amortization using the effective interest method of any difference between the initial amount recognized and the maturity amount, minus any reduction for impairment.

(v) Offsetting

Financial assets and liabilities are set off and the net amount presented in the consolidated statement of financial position when, and only when, the Group has a legal right to set off the amounts and intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

(vi) Share capital

Proceeds from the issue of ordinary shares are classified as equity. Incremental costs directly attributable to the issue of ordinary shares and stock options are recognized as a deduction from equity, net of any tax effects.

(vii) Compound financial instruments

From time to time the Group may issue compound financial instruments such as convertible notes that can be converted to share capital at the option of the holder, when the number of shares to be issued does not vary with changes in their fair value.

The liability component of a compound financial instrument is recognized initially at the fair value of a similar liability that does not have an equity conversion option. The equity component is recognized initially at the difference between the fair value of the compound financial instrument as a whole and the fair value of the liability component.

Any directly attributable transaction costs are allocated to the liability and equity component in the proportion of their initial carrying amounts.

Subsequent to initial recognition, the liability component of a compound financial instrument is measured at amortized cost using the effective interest method. The equity component of a compound financial instrument is not re-measured subsequent to initial recognition.

Interest, and gains and losses related to the financial liability, are recognized in profit or loss. On conversion, the financial liability is reclassified to equity.

(viii) Trade receivables

Trade receivables are initially stated at their fair value. The carrying amounts for accounts receivable are net of allowances for doubtful accounts. The Group evaluates the recoverability of trade receivables on the specific risks associated with the customer and other relevant information. Individual trade receivables are only written off when management deems them not collectible.

**f. Leases**

(i) Classification

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. Assets held under finance leases are stated as assets of the Group at the lower of their fair value and the present value of the minimum lease payments at inception of the lease, less accumulated depreciation and impairment losses. The corresponding liability to the lessor is included in the consolidated statement of financial position as a finance lease obligation. Finance costs are charged to profit or loss over the term of the relevant lease so as to produce a constant periodic interest charge on the remaining balance of the obligations for each accounting period.

Leases where significant portions of the risks and rewards of ownership are retained by the lessor are classified as operating leases.

(ii) Lease payments

Payments made under operating leases are charged to comprehensive income on a straight-line basis over the period of the lease. When an operating lease is terminated before the lease period has expired, any payment required to be made to the lessor by way of penalty is recognized as an expense in the period in which termination takes place. Minimum lease payments made under finance leases are apportioned between finance expense and a reduction of the outstanding lease liability.

**g. Property, plant and equipment**

(i) Recognition and measurement

Items of property, plant and equipment are measured at acquisition or construction cost, less accumulated depreciation and impairment losses. Cost includes expenditures that are directly attributable to the acquisition of the asset and, for qualifying assets, capitalized borrowing costs. The cost of self-constructed assets includes the cost of materials and direct labor, and any other costs directly attributable to bringing the asset to a working condition for its intended use. Purchased software that is integral to the functionality of the related equipment is capitalized as part of that equipment. When significant parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

(ii) Subsequent costs

The cost of overhauls and of replacing part of an item of property, plant and equipment is recognized in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Group and its cost can be measured reliably. The costs of the day-to-day maintenance, repair and servicing expenditures incurred on property, plant and equipment are recognized in comprehensive income, as incurred.

(iii) Depreciation

Depreciation is recognized in comprehensive income on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment. Assets leased under a finance lease are depreciated over the shorter of their useful lives and the term of the lease. Land and capital work in progress are not depreciated. The estimated useful lives of major classes of depreciable property, plant and equipment are:

Motor vehicles	5 years
Plant and equipment	5 years
Leasehold improvements	over the term of the lease
Buildings	15 years
Drill rigs	10 years
Drill rig components	5 years

Depreciation methods, useful lives and residual values of property plant and equipment are reassessed at each reporting date. The useful lives of these assets and residual values can vary depending on a variety of factors, including technological innovation and maintenance programs. Changes in estimates can result in significant variations in the carrying value and amounts charged, on account of depreciation, to profit or loss in specific periods.

Gains and losses on disposal of property, plant and equipment are determined by comparing proceeds from disposal with the carrying amounts of property, plant and equipment, and are recognized in comprehensive income.

(iv) Impairment

The Group's property, plant and equipment are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, the respective asset's or cash-generating unit's recoverable amount is estimated.

An impairment loss is recognized if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amounts. A cash-generating unit is the smallest identifiable asset group that generates cash inflows that are largely independent from other assets and groups.

The recoverable amount of the asset or cash-generating unit is based on the higher of value-in-use and fair value less costs to sell. The value-in-use calculation requires an estimation of the future cash flows expected to arise from the asset or cash-generating unit and a pre-tax discount rate in order to calculate the present value. Fair values less costs to sell are based on recent market transactions where available and, where not available, appropriate valuation models are used. An impairment loss is recognized immediately in comprehensive income.

At the end of each reporting period, the Group assesses whether there is any indication that an impairment loss recognized in prior periods for an asset or cash-generating unit may no longer exist or may have decreased. If any such indication exists, the Group estimates the recoverable amount of the asset or cash-generating unit. Where an impairment loss subsequently reverses, the carrying amount of the asset or cash-generating unit is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset or cash-generating unit in prior years. A reversal of an impairment loss is recognized immediately in comprehensive income.



The economic conditions in the drilling industry and the level of drilling activity of the Group in 2015 were considered to be indicators of potential impairment of the carrying value of the Group's property, plant and equipment, and a recoverable amounts analysis was performed. As at December 31, 2016, due to the economic conditions in the drilling industry and the increase in drilling activity of the Group, there was no indicator of potential impairment of the carrying value of the Group's property, plant and equipment. As this was the case, no recoverable amount analysis was completed at December 31, 2016.

#### **h. Inventories**

Inventories are measured at the lower of cost and net realizable value. The cost of spare parts is based on the first-in first-out principle and includes expenditures incurred in acquiring/building the inventories and bringing them to their existing location and condition. Net realizable value is the estimated selling price in the ordinary course of business, less estimated selling expenses.

Inventory is assessed on a per unit basis to determine whether indicators exist which would lead to a downward revision in the net realizable value of inventory. This assessment is performed at each reporting date.

#### **i. Employee benefits**

##### **(i) Defined contribution plans**

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions to a separate entity and will have no legal or constructive obligation to pay future amounts. Obligations for contributions to defined contribution schemes are recognized as an expense in comprehensive income in the periods during which services are rendered by employees.

##### **(ii) Short-term benefits**

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided. A provision is recognized for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Group has a present legal or constructive obligation to pay this amount as a result of past services provided by the employee, and the obligation can be estimated reliably.

##### **(iii) Share-based payment transactions**

The grant-date fair value of equity-settled share-based payment awards granted to employees is recognized as an employee expense, with a corresponding increase in share based payments reserve, over the period that the employees unconditionally become entitled to the awards. Estimations are made at the end of each reporting period of the number of instruments which will eventually vest. The impact of any revision is recognized in comprehensive income such that the cumulative expense reflects the revised estimate, with a corresponding adjustment to the share-based payment reserve.

**j. Income tax**

Income tax expense comprises current and deferred tax expenses.

Current tax and deferred tax are recognized in comprehensive income except to the extent that they relate to items recognized directly in other comprehensive income or equity. Current tax is the expected tax payable on taxable income for the year, using tax rates enacted or substantively enacted at the consolidated statement of financial position date, and any adjustment to tax payable in respect of previous years. Deferred tax is provided using the asset and liability method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and their tax base. Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date. A deferred tax asset is recognized only to the extent that it is probable that future taxable profits will be available against which the asset can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realized.

**k. Dividends**

Dividends payable/receivable are recognized in the period in which the dividend is appropriately authorized.

**l. Revenue – drilling revenue**

Revenue from the provision of services in the course of ordinary activities is measured at the fair value of the consideration received or receivable, net of discounts and value added taxes. Drilling revenue is recognized as revenue when the outcome of the drilling can be estimated reliably to the actual chargeable meters drilled.

The outcome can be estimated reliably when all the following conditions are satisfied:

- the amount of revenue can be measured reliably;
- it is probable that the economic benefits associated with the drilling service rendered will flow to the Group;
- the work performed of the drilling service at the end of the reporting period can be measured reliably and has been agreed with the customer; and
- the costs incurred for and to complete the drilling can be measured reliably.

**m. Finance income**

Finance income comprises interest income on funds invested or held in bank accounts. Interest income is recognized in comprehensive income using the effective interest method.

**n. Finance costs**

Finance costs comprise interest expense on borrowings, including all financing arrangements.

**o. Foreign exchange**

Monetary assets and liabilities denominated in foreign currencies have been translated into United States dollars using the balance sheet date exchange rate, with realized and unrealized

gains and losses included in profit and loss. Revenues and expenses denominated in foreign currencies are translated at the average exchange rate for the period which approximate date of transaction exchange rates.

**p. Provisions**

A provision is recognized if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability.

**q. Post balance sheet events**

Events subsequent to the balance sheet date are reflected in the financial statements only to the extent that they relate to the period under consideration and the effect is material.

**r. Earnings per share**

The Group presents basic and diluted earnings per share data for its ordinary shares. Basic earnings per share is calculated by dividing the profit or loss attributable to ordinary shareholders of the company by the weighted average number of ordinary shares outstanding during the period, adjusted for own shares held. Diluted earnings per share is determined by adjusting the weighted average number of ordinary shares outstanding for the effects of all dilutive potential shares, which currently comprise stock options granted to employees and directors.

## **NEW AND FUTURE ACCOUNTING STANDARDS**

**a. Adoption of new and amended accounting pronouncements**

In 2016, there have been no new or amended accounting pronouncements that have had a material impact on the Company's consolidated financial statements.

**b. Accounting pronouncements issued but not yet effective**

### **IFRS 9 – Financial instruments**

IFRS 9, "Financial instruments" (IFRS 9) was issued by the IASB on July 24, 2014 and will replace IAS 39, "Financial instruments: recognition and measurement" (IAS 39). IFRS 9 utilizes a single approach to determine whether a financial asset is measured at amortized cost or fair value and a new mixed measurement model for debt instruments having only two categories: amortized cost and fair value. The approach in IFRS 9 is based on how an entity manages its financial instruments in the context of its business model and the contractual cash flow characteristics of the financial assets. Final amendments released on July 24, 2014 also introduce a new expected loss impairment model and limited changes to the classification and measurement requirements for financial assets. IFRS 9 is effective for annual periods beginning on or after January 1,

2018. The Group is currently evaluating the impact of this standard and amendments on its consolidated financial statements.

### **IFRS 15 - Revenue from Contracts with Customers**

IFRS 15, "Revenue from Contracts and Customers" (IFRS 15) was issued by the IASB on May 28, 2014, and will replace IAS 18, "Revenue", IAS 11, "Construction Contracts", and related interpretations on revenue. IFRS 15 sets out the requirements for recognizing revenue that apply to all contracts with customers, except for contracts that are within the scope of the standards on leases, insurance contracts and financial instruments. IFRS 15 uses a control based approach to recognize revenue which is a change from the risk and reward approach under the current standard. Companies can elect to use either a full or modified retrospective approach when adopting this standard and it is effective for annual periods beginning on or after January 1, 2018. The Group is currently evaluating the impact of IFRS 15 on its consolidated financial statements.

### **IFRS 16 – Leases**

IFRS 16, "Leases" (IFRS 16) was issued by the IASB on January 13, 2016, and will replace IAS 17 "Leases". IFRS 16 will bring most leases on-balance sheet for lessees under a single model, eliminating the distinction between operating and financing leases. Lessor accounting remains largely unchanged. The new standard is effective for annual periods beginning on or after January 1, 2019. The Company is currently evaluating the impact of IFRS 16 on its consolidated financial statements.

## **CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS**

The preparation of financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

### **(i) Estimates**

#### **a. Depreciation of property, plant and equipment**

Property, plant and equipment is often used in hostile environments and may be subject to accelerated depreciation. Management considers the reasonableness of useful lives and

whether known factors reduce or extend the lives of certain assets. This is accomplished by assessing the changing business conditions, examining the level of expenditures required for additional improvements, observing the patterns of gains or losses on disposition, and considering the various components of the assets. As at May 1, 2016, the estimated useful lives of motor vehicles was changed from 3 to 5 years. This has had no material impact on the consolidated financial statements.

**b. Share-based payment transactions**

The fair value of share-based payment transactions is based on certain assumptions determined by management. The main areas of estimate relate to the determination of the risk free interest rate, stock price volatility and the forfeiture rate.

**c. Net realizable value of inventory**

Management reviews inventories at each reporting period to determine whether indicators exist which would lead to a downward revision in the net realizable value of the inventory. Management's estimate of net realizable value of such inventories is based primarily on sales price and current market conditions.

**d. Allowance for doubtful accounts**

Management reviews trade receivables at each reporting period to determine whether indicators exist which would lead to a downward revision in the net realizable value of the trade receivables. Management's estimate of net realizable value of such trade receivables is based primarily on the ageing of the receivables and the financial health of the customers.

**e. Income tax**

Tax interpretations, regulations and legislation in the various countries in which the Group operates are subject to change and management uncertainty. Current income tax expense is based on tax currently payable or current withholding tax rates in countries in which the Group operates. In addition, deferred income tax liabilities are assessed by management at the end of the reporting period and are measured at the tax rates that are expected to be applied to the temporary differences when they reverse. The sufficiency of estimated future taxable income is also assessed by management in the context of the recognition of deferred tax assets attributable to unused tax losses.

The amount recognized as accrued liabilities is the best estimate of the consideration required to settle the related liability, including any related interest charges, taking into account the risks and uncertainties surrounding the obligation. The Group assesses its liabilities at each reporting period, based upon the best information available, relevant to the tax laws and other appropriate requirements.

**(ii) Judgments**

**a. Assessment of impairment of property, plant and equipment**

The Group tests at each reporting period whether there are indicators of impairment with respect to its property, plant and equipment, in accordance with the Group accounting policy. If such indicators are identified, the recoverable amounts of each cash-generating unit have been

determined based on value-in-use calculations. These determinations require the use of judgment.

The Group tests impairment based on the discounted cash flows related to each cash generating unit. The value in use determination is sensitive to changes in cash flow assumptions and the discount rate applied. No impairment charge has been recognized in the periods presented.

**b. Functional currency**

The company applied judgment in determining the functional currency of the company and its subsidiaries. Functional currency was determined based on the currency that mainly influences sales prices, labor, material and other costs of providing services.

**Additional Information**

Additional information relating to Geodrill, including the Company's Annual Information Form can be found on SEDAR at [www.sedar.com](http://www.sedar.com)