# **CONTRACT AGREEMENT**

In connection with

# MINING SERVICES - KAREEVLEI MINE

**KIMBERLY** 

SOUTH AFRICA

Entered into by and between

Teichmann South Africa (Pty) Ltd

"Contractor"

1 Flamboyant Close, Glen Anil, 4051

South Africa

(Company Registration Number 1999/005673/07)

and

KAREEVLEI MINING (PTY) LTD

"Employer"

REMAINDER PORTION 1 & 2 OF FARM 113

**AND** 

PORTION OF PORTION 2 OF FARM 142

KOOPMANSFONTEIN

8391

(Company Registration Number: (2013/077678/07)

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# **GENERAL CONDITIONS OF CONTRACT**

# 1. DEFINITIONS

In this Agreement all words and expressions shall, except where the context otherwise requires, have the meanings as are respectively assigned to them below:

- 1.1 "Agreement" means this Agreement concluded between the Contractor and the Employer for the execution of the Works and is the Contract between the Parties.
- 1.2 'Base Date' means February 2021. This date shall be used for the calculation of contract price adjustment (escalation) or for any other calculation where the tendered rates are used.
- 1.3 "Commencement Date" means the date notified under item 3.1 of this Agreement but is in any event 1<sup>ST</sup> July 2019.
- 1.4 "Completion Date" means the date notified under item 3.1 of this Agreement but is in any event 30<sup>th</sup> June 2024.
- 1.5 "Contract" means the Agreement, Letter of Award, the Tender Letter, these General Conditions of Contract, Special Conditions, the specification, the drawings, the Schedules and further documents (if any) which are listed in the Agreement or Letter of Award between the Contractor and Employer.
- 1.6 "Contractor" means Teichmann South Africa (Pty) Ltd as stated in the Appendix to Contract.
- 1.7 "Contract Price" means the price referred to in the Purchase Order (as detailed in the schedule) and includes adjustments in accordance with this Agreement.
- 1.8 "Cost" means all expenditure reasonably incurred (or to be incurred) by the Contractor, whether on or off Site, including overhead and similar charges, but does not include profit.
- 1.9 "Employer" means Kareevlei Mining (Pty) Ltd as stated in the Appendix to Contract.



- 1.10 Employer's Mine Plan means the mining production plan as more fully described in clause, Special Conditions of Contract Clause 3, Sub-clause (3).
- 1.11 Employer's Policies means those policies and procedures of the Employer as described in which policies and procedures may be amended from time to time;
- 1.12 Employer's Premises means any land or building occupied or controlled by the Employer including the Employer's stores, offices, stores, accommodation, facilities, kitchens, receiving area and the Site;
- 1.13 Employer's Representative means the representative of the Employer appointed as its agent to carry out the functions allotted to the Employer's Representative
- 1.14 "Letter of Award" means the formal letter of award, signed by the Employer, accepting the tender submitted by the Contractor, thereby awarding the Contract to the Contractor.
- 1.15 "Manager" means the manager appointed in writing by the Employer who shall at all times be responsible for the control, management and direction of the Mine in terms of Regulation of the Mines and Act;
- 1.16 "Mine" means the area that is located on the Site at which the Contractor is to provide Mining Services pursuant to and in accordance with the terms and conditions of this Agreement;
- 1.17 "Party" means the Employer or the Contractor, as the context requires.
- 1.18 "Parties" means the Employer and the Contractor collectively.
- 1.19 "Payment Application" means a payment application submitted by the Contractor for Work done on a monthly basis.
- 1.20 "Payment Certificate" means a payment certificate issued by the Employer approving that the Work has been completed by the Contractor for that month.
- 1.21 "Purchase Order" means the formal appointment by the Employer of the Contractor, a copy of which is attached hereto.



- 1.22 "**Time for Completion**" means the time for completion of the Works or any section thereof as stated in the schedule. The total Contract duration is 5 (five) years commencing from 1<sup>st</sup> July 2019 to 30<sup>th</sup> June 2024
- 1.23 "Variation" means any change to the Works, which is instructed or approved as a variation.
- 1.24 "Works" means the permanent Works to be performed by the Contractor under this Agreement (as detailed in the schedule).

# 2. MATERIALS AND WORKMANSHIP

- 2.1 The Contractor shall execute the Works in accordance with this Agreement.
- 2.2 The Employer shall supply materials, equipment and facilities listed under Schedules, Section C, item 6 of this Agreement.
- 2.3 The Employer hereby appoints the Contractor, who hereby accepts such appointment, to provide the Mining Services for the duration of the Term.
- 2.4 Nothing in this Agreement constitutes a joint venture, agency, partnership or other fiduciary relationship between the Employer and the Contractor.
- 2.5 The Contractor acknowledges that it has no authority to bind the Employer.
- 2.6 At all times during the provision of the Mining Services and the performance of the Contractor's other obligations under this Agreement the Contractor is an independent Contractor and not an employee or agent of the Employer.
- 2.7 In the implementation of this Agreement and the provision of the Mining Services the Parties have agreed to the delineation of their various obligations in respect to the execution of the works.

# 3. COMMENCEMENT AND COMPLETION

- 3.1 The Contractor shall commence the Works within the number of days as stated in the Appendix to Contract or within two weeks of receiving a letter of award from the Employer notifying the Contractor accordingly.
- 3.2 The Contractor shall execute and complete of the Works without delay.



- 3.3 The Commencement Date is the date stated in the Appendix to Contract.
- 3.4 The Completion Date is the date stated in the Appendix to Contract.

#### 4. CONTRACTOR OBLIGATION

- 4.1 The Contractor's primary service obligation is to provide the Mining Services to:
  - 4.1.1 develop the Mine, extract Ore and Waste and haul, stockpile and produce Ore from the Mine safely and efficiently during the Term in a timely manner in accordance with the plans and schedules set out in by the Employer.
  - 4.1.2 where required, break down Ore to the required size in accordance with this Agreement once the Contractor is responsible for the blasting works.; and
  - 4.1.3 deliver the Ore to the Processing Plant in accordance with the Employer's Mine Plan and the Employer's Representative's instructions from time to time

# 4.2 Rate of Progress

- 4.2.1 The Contractor shall provide and maintain sufficient Contractor's Personnel and Goods, both on and off Site, to ensure that it complies with its obligations under this Agreement and with the requirements of the Employer in relation to the performance of the Mining Services.
- 4.2.2 If the rate of production stipulated or progress of the Mining Services stipulated in the Employer's Mine Plan is, in the opinion of the Employer's Representative, not being achieved, and is not as a direct result of an act or omission of the Employer, the Employer's Representative, Separate Contractors, or other agents of the Employer, the Contractor shall supply to the Employer, within a timeline as determined by the Employer, a written plan fully setting out the corrective action that the Contractor intends taking, to ensure that progress is expedited and the shortfall in production is recovered.



- 4.2.3 The Contractor shall if necessary increase the working hours and the numbers of Contractor's Personnel and Goods, at the risk and cost of the Contractor, in order to expedite progress to make up any shortfall to that stated in the Employer's Mine Plan.
- 4.2.4 If the Contractor has not made up the shortfall in production (hereinafter referred to as "production losses") by the end of the second Production Month following the Production Month in which production was not in accordance with the Employer's Mine Plan, or has incurred further production losses in respect of the subsequent two Mining Periods, the Employer's Representative shall be entitled to demand, in writing, that the Contractor with immediate effect bring additional Contractor's Personnel and Goods onto Site to remedy the production losses or, in the absolute Employer's discretion of the Employer's Representative, the Representative may nominate another contractor, who shall with immediate effect be employed by the Contractor as a Subcontractor, to ensure that the production losses are remedied.
- 4.2.5 The Contractor shall not be entitled to any additional payment for taking any of the corrective actions set out above or in respect of any of the proposals submitted by the Contractor. If any of the steps taken or proposals made by the Contractor in meeting its obligations under this sub-clause involve the Employer in additional supervision, grade control or survey costs, such cost shall be determined in advance by the Employer's Representative, acting reasonably, and shall be recoverable from the Contractor by the Employer, and may be deducted by the Employer from any monies due or to become due to the Contractor and the Employer's Representative shall notify the Contractor accordingly.
- 4.2.6 If the Contractor falls to achieve the Performance Criteria set out for a period of three continuous Production Months, a Termination Event is deemed to occur and continue until the breach is remedied or this Agreement is terminated, whichever is the sooner. In remedying the breach, the Contractor is required to provide to the Employer a recovery plan which would encompass a commitment of resources, strategies and processes with specified timelines for the Contractor to recover the situation.



# 4.3 Delay Damages/Non-Performance Damages

4.3.1 If the Contractor fails to comply with the above provisions and, as a result thereof, the Employer suffers production losses during any Mining Period, the Contractor shall pay to the Employer as non-performance damages a sum equal to the difference in value of the Mining Services as was planned in the Employer's Mine Plan for the Mining Period and the value of the actual Mining Services performed by the Contractor in the Mining Period. This amount shall not exceed 10% (ten percent) of the monthly turnover.

# 4.4 Security Clearance Obligations

4.4.1 The Contractor must ensure that all its employees used in providing the Mining Services satisfy the Employer's criteria in respect of security clearance

#### 5. INSTRUCTIONS

- 5.1. The Contractor shall take instructions only from the Employer's authorised representative.
- 5.2. The Employer shall notify the Contractor of the Employer's authorised representative on award of the Contract.
- 5.3. If the Employer intends to replace the authorised representative, the Employer shall, not less than 14 (fourteen) days before the intended date of replacement, give notice to the Contractor of the intended replacement authorised representative.
- 5.4. The Employer shall not replace the authorised representative with a person against whom the Contractor raises reasonable objection to by notice to the Employer

#### 6. VARIATIONS

6.1. The Contractor shall only make such variations to the Works whether by way of alteration, addition or omission as instructed by the Employer through the



issuance of a written Instruction. Written instructions may be in the form of emails.

- 6.2. The Contractor shall within 14 (fourteen) days of such instruction notify the Employer if there is a change to the Contract Price.
- 6.3. Such notice shall be accompanied by an estimate of the increase in Contract Price caused by the variation which may include the submission of new rates.
- 6.4. The Employer shall within 7 (seven) days of receiving such notice from the Contractor approve or decline the variation. If the Employer does not respond within the period allowed, the variation is deemed accepted by the Employer and the Contract Price is adjusted accordingly.
- 6.5. The quantities set out in the Bill of Quantities are the estimated quantities for the Works and they are not to be taken as the actual and correct quantities of the Works to be executed by the Contractor.
- 6.6. No instruction shall be required for an increase or decrease in the quantity of any work and forms part of re-measurement.
- 6.7. If the re-measured quantity of work decreases by more than 10% from the quantity of an item in the Bill of Quantities, the Contractor is entitled to submit a new rate for this item.
- 6.8. Where, due to whatever reason the Contract Price exceeds that as stated in the Purchase Order, the Employer shall issue a Purchase Order Modification together with a Variation Order covering the extent of this increased Contract Price within 14 (fourteen) days.
- 6.9. The Employer shall amend the Purchase Order if the re-measured quantities exceed to Purchase Order Value without notification being required from the Contractor.
- 6.10. The Contractor shall continue with the Works without any stoppage whilst the Purchase Order is amended. The Contractor shall be entitled to be paid for any Work that exceeds the Purchase Order value, provided there is a written instruction from the Employer or the value of the re-measured quantities exceeds the Purchase Order amount.
- 6.11. The Contractor shall be entitled to claim for standing time if the Employer through whatever reason causes the Works to stop or slow down. The Contractor shall



keep accurate records of all standing time and issue such costs to the Employer regularly. Once the total cost of the standing time has been calculated the Employer shall issue a variation order for the cost. The Contract Price shall be amended accordingly.

6.12. Standing time shall be defined as waiting time in excess of 8hrs continuous stoppage as a result of the Employer not giving the required instruction or mine plan to execute the works. All minor stoppages are deemed to be included in the rate and are part of the obligations of the Contractor to execute the works

# 7. INVOICES AND PAYMENT

- 7.1. The Contractor shall submit a Payment Application for Work done on a monthly basis. Such Payment Application shall be treated as interim applications for payment and shall be submitted by the date as stipulated on the Appendix to Contract.
- 7.2. The Employer shall certify such Payment Application within 5 (five) days of receiving the Contractor's Payment Application. The Employer will issue a Payment Certificate instructing the Contractor to submit a tax invoice within this period.
- 7.3. The Employer shall pay the Contractor for Works completed within the number of days stated in the Appendix to Contract of receipt of the Contractor's tax invoice.
- 7.4. The Contractor shall be entitled to claim interest on delayed payments. The financing charges shall be calculated at the percentage points as stated in the Appendix to Contract and shall be compounded monthly on the unpaid amount during the period of delay.
- 7.5. The Contractor shall be entitled to this payment without formal notice to the Employer.



# 8. INDEMNITIES

- 8.1. The Contractor shall and hereby does indemnify the Employer against all losses and claims in respect of, but not necessarily limited to, the following:
  - 8.1.1. Death of or injury to any person, or
  - 8.1.2. Loss or damage to any property,

which may arise out of or in consequence of execution and completion of the Works.

#### 9. INSURANCES

- 9.1. The Contractor shall insure against such risks as are stated which may arise out of or in consequence of this Contract in respect of:
  - 9.1.1. the Workmen's Compensation Act or any other Statute in force for the time being or any other legal liability in respect of any accident or injury to any workmen or other person in the employment of the Contractor;
  - 9.1.2. the "Unemployment Insurance Act";
  - 9.1.3. any accident, injury, damage or loss to any person or property under Third Party or Public Liability:
  - 9.1.4. motor Third Party Liability cover;
  - 9.1.5. any accident, injury, damage or loss to any person or property under Third Party or Public Liability;
  - 9.1.6. temporary works installed from time to time by the Contractor in the execution of the Works;
  - 9.1.7. Professional Indemnity Insurance if so required;

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9.2. In the event of a claim being made against the Employer's Insurance policy / policies as a result of the Contractors conduct whether authorised, negligent or otherwise, the Contractor shall be liable to the Employer for all excess payments required in terms of such a claim up to the value stated in the Appendix to Contract.

#### 10. SAFETY

# 10.1. Safety requirements

- 10.1.1. The Contractor is responsible for the occupational health and safety at all times of all personnel engaged by it (including its employees, subcontractors and their respective employees working or attending at any work place under the Contractor's control in connection with the operation of the Mine.
- 10.1.2. The Contractor must provide the Safety Management Plan to the Employer's Representative no later than 30days after Commencement Date for the approval of the Employer's Representative, and must maintain, administer and comply with the Safety Management Plan and any other safety management plan required by this Agreement, by law or by the Employer's Policies.
- 10.1.3. The Contractor must ensure that the Mining Services are carried out in a safe manner in compliance in all respects with the laws of South Africa and the Employer's Policies.
- 10.1.4. The Contractor must ensure, at no additional cost to the Employer, that all of the Contractor's Personnel promptly obey all directions and instructions given by the Employer's Representative relating to the safety of persons or property, or to the proper compliance with any law, which it is the duty of the Employer to enforce. The decision of the Employer Representative is final and any such directions or instructions he may give must be obeyed in the manner he directs. If there is any inconsistency, this clause prevails over all other provisions of this Agreement.



# 10.2. Safety of Contractor's Plant and Equipment

- 10.2.1. The Contractor must ensure that all the Contractor's Plant and Equipment used in providing the Mining Services are maintained in a safe and working order and in compliance with law and the Employer's Policies.
- 10.2.2. If the Employer's Representative considers that any Contractor's Plant and Equipment is unsafe for use in providing the Mining Services, or not in working order, or not in compliance with the law and the Employer's Policies, the Employer's Representative may direct the Contractor to:
  - 10.2.2.1. cease using that Contractor's Plant and Equipment until it has been brought into a safe and working order and into compliance with the law and the Employer's Policies; or
  - 10.2.2.2. Replace that Contractor's Plant and Equipment with Contractor's Plant and Equipment which is in a safe and working order and in compliance with the law and the Employers' Policies.
  - 10.2.2.3. If the Contractor fails to comply with a direction to cease using that Contractor's Plant and Equipment, the Employer may perform or have performed the obligation on the Contractor's behalf and the costs and expenses incurred by the Employer are recoverable from the Contractor as a debt due to the Employer.
- 10.3. The Contractor shall ensure that it fully complies with, and has duly completed and entered into a mandatory agreement as contemplated in The Mine Health and Safety Act, Act No. 29 of 1996 (as amended). The Contractor shall take full responsibility for the initiation and compliance with this requirement in consultation with the Employer.
- 10.4. The Contractor shall have a written safety system which shall fully comply with:
  - 10.4.1. The Mine Health and Safety Act, No. 29 of 1996 (as amended); and
  - 10.4.2. The Employer's safety system.



The Contractor shall implement such safety system whilst executing the Works.

10.5. In the event of the Contractor suffering a disabling injury whilst executing the Works, the Contractor/Employer shall be required to notify the *Principal Inspector* of Mines of any accident or occurrence at a mine that results in-

10.5.1. the serious injury;

10.5.2. illness; or

- 10.5.3. death, of any person, in order to allow the *Principal Inspector of Mines* to instruct an *Inspector* to conduct an investigation simultaneously with the *employer* as required in section 11 (5) (a).
- 10.6. All costs incurred by the Employer and the Contractor in complying with clause 1 shall be borne solely by the Contractor. These costs shall include, but not be limited to evacuation costs and costs in attending enquiries.

# 11. ENVIRONMENTAL

- 11.1. The Contractor shall ensure that it conducts itself and fully complies with the applicable South African legislation, standards and regulations, notably, but not limited to, the National Environmental Management Act (inclusive of all the National Environmental Management supporting Acts), the Hazardous Substances Act, the National Water Act, the OHS Act and the Construction Regulations as applicable at any time during the duration of the Contract.
- 11.2. Under no circumstances shall the Contractor dispose of waste, or knowingly or negligently cause or permit waste to be disposed of, in or on any land, water body or at any facility unless the disposal of that waste is authorised by law or in a manner that is likely to cause pollution of the environment or harm to the health and well-being of communities in the area of influence.
- 11.3. With specific reference to the disposal of hazardous waste, it shall be an express provision of this Agreement, and a contractual obligation of the Contractor

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carrying out the disposal of hazardous waste, that such disposal shall take place at an approved site in an approved manner. The Contractor shall ensure that all necessary proof and records of such disposal are retained for a period of three years.

11.4. Disposal and management of hazardous waste may be an additional cost to the Contract and shall be dealt with as a Variation to the Works. This may result in additional time being spent on the Contract by the Contractor which shall be claimable.

# 12. SET OFF

12.1. The Employer shall not be entitled to set-off any amounts owing to the Contractor in terms of this Agreement against amounts owing by the Contractor to the Employer.

# 12. TERMINATION BY EMPLOYER

- 12.1. The Employer will be entitled to terminate the Contract if the Contractor:
  - 12.1.1. Fails to comply with a notice from the Employer to correct the Works, only if the Works was not executed in accordance with the Contract.
  - 12.1.2. Abandons the Works.
  - 12.1.3. Fails to proceed with the Works in accordance with item 3.1 of this Agreement.
  - 12.1.4. Becomes bankrupt or insolvent or goes into liquidation.
- 12.2. In any of these events or circumstances stated in item 12.1 of this Agreement, the Employer shall on written notice give the Contractor 14 (fourteen) days to remedy the default. If the default is not rectified within this 14 (fourteen) days or within such other period as proposed by the Contractor and approved by the Employer, the Employer upon giving a further 14 (fourteen) days' written notice to the Contractor, may, without prejudice, to any other rights and/or remedies available under this Agreement or under the governing law, may terminate this Agreement.

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# 13. TERMINATION BY CONTRACTOR

- 13.1. The Contractor will be entitled to terminate the Contract if the Employer:
  - 13.1.1. Does not provide reasonable evidence within 14 (fourteen) days after the Contractor has given the Employer written notice in respect of the Employer's financial arrangements and ability to pay the Contractor for Work done.
  - 13.1.2. Does not certify the Contractor's Payment Application within 5 (five) days of receipt of the Contractor's Payment Application as per item 6.2 of this Agreement.
  - 13.1.3. Does not pay the Contractor within the time stated in the Appendix to Contract from receipt of the Contractor's invoice as per item 6.3 of this Agreement.
  - 13.1.4. Substantially fails to perform his obligations under this Contract.
  - 13.1.5. Becomes bankrupt or insolvent or goes into liquidation or business rescue.
- 13.2. In any of these events or circumstances in item 13.1 of this Agreement, the Contractor shall on written notice give the Employer 14 (fourteen) days to remedy the default. If the default is not rectified within this 14 (fourteen) days or within such other period as proposed by the Employer and accepted by the Contractor, the Contractor upon giving a further 14 (fourteen) days' written notice to the Employer, may, without prejudice, to any other rights and/or remedies available under this Agreement or under the governing law, may terminate this Agreement.
- 13.3. After a notice of termination has taken effect in terms of 13.1 of this Agreement, the Employer shall pay the Contractor for any loss of profit or any other loss or damage sustained by the Contractor as a result of this termination.



# 14. NOTICES, COMMUNICATIONS AND DOMICILIA

- 14.1. Each Party chooses as its address for all purposes under this Agreement, whether for serving any court process or documents, giving any notice, or making any other communications of whatsoever nature the address detailed in the schedule.
  - 14.2. All notices shall be in writing and shall be sent by post, facsimile, email or left at the addresses as detailed in the schedule.

#### 15. PENALTY FOR DELAY

- 15.1. The Contractor will be required to adhere to any programme agreed between the Employer and the Contractor at the commencement of the Contract as per item 3.1 of this Agreement. This is a production Contract. In the event the Contractor is unable to meet the production requirements per day / per week / per month, the Employer shall notify the Contractor accordingly.
- 15.2. The cause of the loss in production shall be analyzed between the Parties to determine the appropriate method to remedy the situation. Such agreed solutions shall be implemented immediately and monitored.
- 15.3. If the loss of production is due to the Contractor's fault, the Employer shall give notice to the Contractor in terms of item 12.1.1. of this Agreement.
- 15.4. If the loss of production is due to the Employer's fault, the Contractor shall give notice to the Employer in terms of item 13.1.4. of this Agreement. The Contractor shall be entitled to claim for standing time for staff, labour and equipment including any additional extension of time on the Contract provided the Contractor has given notice to claim as per item 5.10 of this Agreement.

#### 16. EMPLOYER'S RISK

16.1. War, hostilities, invasion, rebellion, terrorism, civil war, riots, strikes, or any other disruption that the Contractor could not have foreseen and not priced or have allowed for under Contractor risks.



- 16.2. Use or occupation by the Employer of any part of the Works.
- 16.3. Any operation of the forces of nature which is unforeseeable or against which an experienced contractor could not have reasonable have expected to occur.
- 16.4. Abnormal rainfall that is rainfall that exceeds the 10 (ten) year average for the area where the Works are to be or will be executed.
- 16.5. Design of any part of the Works by the Employer or his personnel or by others whom the Employer is responsible for.
- 16.6. If and to the extent that any of the Employer's risks listed in items 16.1 to 16.5 results in loss or damage to the Works, Contractor's Equipment, Documents or any other goods belonging to the Contractor, the Contractor shall promptly give notice to the Employer.
- 16.7. All losses suffered by the Contractor including delays and/or loss of revenue shall be claimable. This shall include extension of time for any such delay and payment of any such Cost plus reasonable profit and shall be included in the Contract Price.

# 17. DISPUTES

- 17.1. The Parties shall make all reasonable attempts to resolve disputes amicably and the following process shall apply;
  - 17.1.1. The Employer's and Contractor's designated representatives shall attempt to resolve all issues and disputes on Site.
  - 17.1.2. Insofar as the designated representatives are unable to resolve the disagreement arising from the execution and interpretation of this Contract and a mutually acceptable agreement resolution is not achieved within 14 (fourteen) days of the dispute, then the dispute shall be referred to the Chief Executive Officers of each Party for resolution.



- 17.1.3. Should the Chief Executive Officers fail to reach agreement or a decision with 14 (fourteen) days of the dispute being referred to them, then such dispute shall be referred to Arbitration.
- 17.1.4. The Parties shall agree on a single Arbitrator. If agreement cannot be agreed upon, the Arbitrator shall be appointed by AFSA.
- 17.1.5. The venue for Arbitration shall be held in Kimberly, South Africa.
- 17.1.6. The Arbitrators decision shall be final and binding on the Parties.
- 17.1.7. Nothing in this Agreement prevents a Party from approaching court for interim relief pending determination of the dispute by arbitration.

# 18. GOVERNING LAW, LANGUAGE AND JURISDICTION

- 18.1. The law governing this Agreement shall be the law of the Republic of South Africa.
- 18.2. For the purposes of any legal action which may arise from this Agreement, the Contractor consents to the jurisdiction of the Kimberly High Court.
- 18.3. The language of the Agreement shall be English.

#### 19. WHOLE AGREEMENT

19.1. This Agreement constitutes the entire agreement between the Parties and neither Party shall be entitled to amend either this clause or this Agreement unless and until such amendment is agreed, reduced to writing and signed by both Parties.



20. SIGNATURES	,
THUS DONE AND SIGNED AT	umberley on
07-06 2021	~~1
WITNESSES	
1	
Full Name:	
2	At a t
Full Name:	For and on behalf of the Employer being duly authorised.  Full Name:
THUS DONE AND SIGNED AT	ON
20	
WITNESSES	
1	
Full Name:	
2.	
Full Name:	For and on behalf of the
	Contractor being duly  Authorised
	ALAN MCKINNEY
	Full Name:

Full Name:

# **APPENDIX TO CONTRACT**

	Clause	
Contractor	1.6	Teichmann South Africa (Pty) Ltd 1 Flamboyant Close, Glen Anil, 4051, South Africa
Employer	1.9	Blue Rock Diamonds plc Kareevlei Mining, Wesselton Village, Kimberly
Time for commencement	3.1	14 (fourteen) days from letter of award. Letter of award is expected 14 <sup>th</sup> February 2021.
Commencement Date	3.3	1 <sup>st</sup> July 2019
Completion Date	3.4	30 <sup>th</sup> June 2024
Date for submission of Interim Payment Application	6.1	25 <sup>th</sup> day of the month or the closest day prior to the 25 <sup>th</sup> in the event of a public holiday or weekend.
Date for Payment	6.3	30 days from receipt of the Contractor's tax invoice.
Delayed Payment	6.4	Prime lending rate of Standard Bank plus 3%.
Maximum Excess Payable	8.2	R25,000.00 (Twenty Five Thousand Rands) per event.



#### SPECIAL CONDITIONS OF CONTRACT

The General Conditions of Contract are hereby amended and or supplemented by these Special Conditions of Contract as detailed herein which conditions shall be deemed to form an integral part of the General Conditions of Contract:

# A. COMMERCIAL SPECIAL CONDITIONS

- All Commercial qualifications as per the contractor's letter 15<sup>th</sup> February 2021 shall be applicable and shall form part of the General Conditions of Contract and Special Conditions of Contract.
- 2. All rates exclude diesel costs. A fuel cap is provided.
- 3. Fuel is to be provided by the Employer at no cost to the Contractor.
- 4. Emulsion and accessories rates are subject to rise and fall methodology of calculations.
- The cost of this additional establishment in the sum of R560,658.00 is payable within 30 days of establishment on Site.
- Contract Price Adjustment (Escalation) shall be reviewed annually between the Parties. The following formula shall.

$$E = Ac^{*}(1-0,00) * (0,25 \times Lt/Lo + 0,10 \times Mt/Mo + 0,65 \times Pt/Po + 0,00 \times Ft/Fo) - 1$$

b. Plant (P) 0.65

c. Fuel (F)

0.00

0.25

d. Materials (M)

0.10

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- e. Non-Adjustable (x) 0.00
- f. Base Month for Escalation to be Calculated

March 2021

- g. Indices shall be from Stats SA 
  http://www.statssa.gov.za/?page\_id=1854&PPN=P0151\_1
- h. Labour Indices will be on proven cost. This implies the Base Indice will be 100
- i. Table 4 for Plant (Machinery for Mining)
- j. Table 6 for Material (Civil Engineering Material)
- 7. The Contractor's Overhead Percentage that shall form part of the Cost calculation is 8% (eight percent).
- 8. The Contractor's reasonable Profit Percentage that shall form part of the calculation is 13% (thirteen percent).
- The Employer shall be responsible for providing messing and accommodation for the Contractor's personnel. Feeding shall be in the form of an allowance as agreed with the Employer.
- 10. The Employer shall be responsible for all the "blasting" works under this Agreement.
- 11. KVM will be responsible for the workshop and wash bay.



# **B. TECHNICAL SPECIAL CONDITIONS**

- 1 All Technical qualifications as per the contractor's tender letter reference CT 473 ZA102 RD 004 dated, 22<sup>nd</sup> March 2019 shall be applicable and shall form part of the General Conditions of Contract and Special Conditions of Contract.
- All Technical qualifications as per the contractor's tender letter dated, 15<sup>th</sup> February
   2021 shall be applicable and shall form part of the General Conditions of Contract and
   Special Conditions of Contract

# C. SCHEDULES

# 1. THE EMPLOYER

Name	Kareevlei Mining Company
Physical Address	
Postal Address	
e-Mail Address	
Contact person	



#### 2. THE CONTRACTOR

Name Teichmann South Africa (Pty) Ltd

Physical Address

1 Flamboyant Close,

Glen Anil,

4051

South Africa

Postal Address 1 Flamboyant Close,

Glen Anil,

4051

South Africa

e-Mail Address alan.mckinney@teichmanngrp.com

Contact person Alan Mckinney – Contracts Director

+27 82 785 7012

# 3. SCOPE OF THE CONTRACT WORKS

# MINING OPERATIONS

- (1) At all times during the Term, the Contractor must, consistent with the Employer's Mine Plan as specified.
- (2) Provide all Contractor's Plant and Equipment and Contractor's Personnel for the several categories of inspection-; servicing, repairs, spares and consumables and maintenance and like events necessary to carry out the Mining Services;

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- (3) devise plans to ensure the orderly and efficient execution of the Mining Services. The detailed Employer's Mine Plan will be done by the Employer and/or the Employer's Representative. The scope, timing and activity production rates will be carried out by the Contractor so as to comply with the Employer's Mine Plan;
- (4) clear land, remove and store topsoil for re-use and prepare banks, strip Waste and store such Waste on dumps nominated from time to time by the Contractor and approved by the Employer's Representative;
- (5) mine and extract Ore in accordance with the Production Schedule and the directions of the Employer's Representative from time to time;
- (6) take all reasonable steps to minimise foreign matter in the Ore and take all reasonable steps to minimise losses in the mining processes.
- (7) rehabilitate land (on an on-going basis) to the standard outlined in the Rehabilitation Management Plan and the Employer's Environmental Management Plan as soon as possible after completion of mining in each area of the Site, Pits, stockpile and dump ramps and tip heads which is to be priced by the Contractor once the rehabilitation and environmental management plans have been issued.
- (8) All main ramps should be designed with a maximum gradient of one (1) (vertical) in ten (10) (horizontal).
- (9) Temporary ramps shall be established as necessary and can have steeper gradients provided they are suitable to the Contractor's equipment.
- (10) All costs associated with this work are deemed to be included within the Contractor's rates and prices.
- (11) Benches shall be designed and mined at a height of ten (10) metres which can be taken in any number of cuts depending on the equipment size with the prior written approval of the Employer's Representative.



# HAULING AND DUMPING OF WASTE

- (12) All waste should be dumped at locations approved by the Employer Representative
- (13) The waste dumps must be constructed in maximum lifts of twenty five (25) meters with each lift having a 10 meter berm. The maximum height of dumps will be fifty (50) meters and the completed outer slopes will be at the natural angle of repose.
- (14) The lower levels of the dumps should be formed in such a way that the water drains away from the mining area.
- (15) The top of the dump should be formed so that drainage will run to the centre of the dump. The ramp should be constructed such that any rain water on the waste dump will be directed down the ramp drains prior to flowing over the side of the dump.
- (16) All costs associated with this work are deemed to be included the load and haul rates.

# PIT WALLS

- (17) The Contractor must take due care when mining in the vicinity of the final pit wall locations to ensure that final wall positions are completed as accurately as possible to their design position.
- (18) No loose material will be left hanging unsafely on the pit walls and any such loose material must be promptly dislodged by the Contractor.

# PIT DEWATERING

(19) The Contractor must pump out any storm water and surface run-off water that may enter the Mine from the walls or floor or other sources and shall dispose of the water that cannot be used for dust suppression as directed by the site engineer. For this purpose, the Contractor will provide, operate and maintain in sufficient quantity such pumping equipment, pipes and other equipment as may

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be necessary, and will also provide any sumps, furrows or other temporary mining services as may be necessary to minimise damage, inconvenience or interference. Compensation for pumping and dewatering the pit shall be dealt with on a Cost plus basis.

- (20) The Contractor must ensure that water will not be allowed to accumulate at the bottom of excavations and workings, except in instances where this is unavoidable due to a lack of access arising from work planning constraints. The Contractor shall be responsible for preventing run off water to flow into the Mine. Any water in any parts of the Mine shall not be allowed to pond since that will compromise the stability of the pit. The Contractor will be responsible for the piping and pumping of such water to an evaporation / pollution dam to contain such water.
- (21) The Contractor must cater for seasonal rainfall in the region and take such measure necessary that will prevent same from affecting the Mining Services at the Site. Such measures will include:
  - (a) Maintenance of a sump at the bottom of the pit in a position as directed by the Employer's Representative;
  - (b) Maintenance of pumping capacity including pumps and pipe infrastructure with the ability to pump ex-pit.

# MINERALS HANDLING

At all times during the Term, the Contractor must:

- (22) avoid large stockpiles of oversize Ore accumulating by employing rock-breaking machinery or other methods to reduce the size of any oversize Ore in the pit;
- (23) deliver to the Processing Plant grizzly of a maximum size of 400mm in any one dimension:
- (24) stockpile Ore on the Site in sufficient quantities and grades to satisfy the requirements of this Agreement;
- (25) maintain stockpiles of Ore at the Nominated Stockpile Level required by the Production Schedule; and

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(26) not stockpile Ore on the Site in locations or in quantities other than those locations and maximum quantities nominated in the Production Schedule or otherwise from time to time by the Employer's Representative.

#### HAULAGE AND LOADING

At all times during the Term, the Contractor must according to Good Industry Practice:

- (27) Haul roads from the open pit to the waste dumps, ore pads and / or ROM stockpiles will be maintained by the Contractor to provide a clear running width of fifteen (15) metres wide at a gradient not exceeding 10%.
- (28) The Contractor will protect all in pit and perimeter haul roads and ramps by installing safety berms of not less than 1.5 meters high and not less than 1.0-metre-wide flat on top and sides that are at the natural angle of repose of the material used.
- (29) The Contractor will be responsible for all maintenance of the site haulage roads, work areas and haulage ramps.
- (30) The final pit slope shall include all pre-splitting activities as and when required.
- (31) Loading, haulage and placement of top-soils and subsoil at designated stockpiles or areas prepared for rehabilitation as instructed by the Employer's Representative.
- (32) The Contractor must maintain all haul roads in and around the Mine, including the designated stockpile pad and the Waste dump, to the design standards prescribed by the Employer's Representative and taking cognisance of local weather conditions.
- (33) The Contractor must load to the required elevation and implement floor control systems including, but not limited to, grade boxes.

#### **GENERAL SERVICE OBLIGATIONS**

At all times during the Term, the Contractor must, in accordance with and to the standard of Good Industry Practice:

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- (34) provide all the necessary equipment and expertise for the performance of the Mining Services. The Contractor will make adequate provision in its rates and prices to accommodate all the requirements and guidelines set out in this Description of Mining Services and to comply with all other provisions and obligations of this Agreement;
- (35) provide a competent person to ensure best safety and technical standards are met and maintained in all areas of the Site;
- (36) ensure best practical technical standards are met and maintained in all areas of the Site;
- (37) provide sufficient employees and subcontractors and their employees to perform all Mining Services;
- (38) provide adequate training for its employees and subcontractors' employees to ensure the Contractor's obligations under this Agreement are performed in a timely manner;
- (39) minimise dust generation while undertaking mining operations;
- (40) perform any other activity incidental to and necessary for efficient mining and processing of the Ore;
- (41) provide adequate lighting to mine standard for operations within the hours of darkness;
- (42) provide safety and other signage as directed by the Employer from time to time;
- (43) keep the Site clean and tidy and remove all rubbish to a place nominated by the Employer's Representative;
- (44) segregate waste in accordance with the Employer's Environmental Management Plan;
- (45) carry out general maintenance of the Mine so as to ensure that it is in a safe and tidy condition;
- (46) supply, erect and maintain all surface and open pit facilities and resources required for the Mining Services;



(47) establish and maintain a suitable roofed view-point for pit inspection and visitors viewing.

# MOBILE EQUIPMENT

- (48) The Contractor must provide a schedule of mobile equipment to be used on Site.
- (49) All mobile plant and equipment must be fitted with "roll over protection" and such devices and accessories required by South African Legislation to ensure maximum protection of the driver and operator(s).
- (50) Equipment shall be regularly maintained in a safe state and compliant with relevant legislation and the Employer's Policies.
- (51) The Contractor shall ensure that all equipment operators are competent, trained and hold a current and appropriate operating license.

# SAFETY MANAGEMENT PLAN

The Safety Management Plan must include, in accordance with Good Industry Practice and applicable law and the Employer's Policies:

- (52) a safe working and management system for the performance of the Mining Services and the operation of the Mine;
- (53) appropriate safety precautions and programs so as to prevent injury to persons or damage to property on, about or adjacent to the Site;
- (54) a programme to train and instruct all employees of the Contractor and its subcontractors in all safety regulations (including any site-related safety regulations) and the Safety Management Plan;
- (55) an emergency response capability, including a fire fighting capability, emergency lifting and extraction equipment,
- (56) a programme to undertake risk assessments and develop safety and emergency response plans;



- (57) a maintenance programme to ensure that all Contractor's Plant and Equipment used in providing the Mining Services are maintained in a safe working order; and
- (58) having available at the Site at all times appropriate first aid facilities

# **WINDROWS**

- (59) Windrows (safety berms) should be constructed around the perimeter of working areas, pit, access ramps, waste dump crests and all other areas where vehicles are operating and wherever there are potential hazards for vehicles or pedestrians.
- (60) They should be a minimum of 1.5 meters high and not less than 1.0-metre-wide flat on top and sides that are at the natural angle of repose of the material used.

# FEATURES REQUIRING SPECIAL ATTENTION

Bench levels and dump levels

- (61) The Contractor must ensure that bench crests, dump crests, and associated roads shall be windrowed and delineated.
- (62) The Contractor must ensure that all benches, dumps and associated roads are constructed and maintained within 0.30 metres of the design.

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# 1. CONTRACTOR'S TIME FOR COMPLETION

- 1.1. The Time for Completion is 5 (five) years
- 1.2. The Commencement Date is 1<sup>st</sup> July 2019 and the Completion Date is 30<sup>th</sup> June 2024

# 2. CONTRACT PRICE

2.1. The Contract price is set out below in the three schedules



# Bluerock Diamonds 15 04 2021

Mining Services - Karcevier Mine 3 Shift

FUEL Price (ZAR/L) 13,50



					13,50									
ITEM	DESCRIPTION	BILL OF QUANTITIES												
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412	100m from leading tace	BCM	Rate Only	R	33.0			<b>5</b>						
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416	300m from loading face	BCM	Rate Coly	R	34.7; 35.30			· <del> </del>						
417	350m from loading tace	всм	Rate Only	R	35.86									
418	400m from leading face	всм	Rate Only	R	35 42			· • · · · · · · · · · · · · · · · · · ·						
419	450m from isading face	BCM	Rate Only	R	36 95		9 1.16							
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1 12	600m from leading take	BCM	Rate Only	R R	35 10 38,66	-		- <del> </del>						
4 1 13	650m tom loading face	BCM	Rate Cnty	R	39 23	·+		<del> </del>						
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4 1 15	750m from loading face	BCM	Rate Only	R	49.35		·- }	<del></del>						
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1 18	850m from loading face 900m from loading face	BCM	Rate Only	R	41.47	<u> </u>								
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1 23	1150m tom loading face	BCM	Rate Only	R	44.84		~	<del> </del>						
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1 27	1350m from loading face	BCM	Rate Only	R	45 52 47,08		<del></del>							
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# Schedule of Rates

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1275	R 30,4	5 R 43.05	8 33,61	R 54.17	R 34 /3	R 35.30	R 35.86	R 36.42	R 36,98	8 37.54	R 38 10		·		-4,		•			
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1375	***************************************	2 8 44.78	-			8 46.52			R 48.21	8, 46,77	8 49.33	R 49.59	R 50.45	R 51,01	R 51,57	N 52.14	H 25/10	R 53.70	H 33.54	4
1370	R 43.	2 R 44,28	R 44,84	R 45,40	к 45,96	8 46.52	R 47.08	R 47,65	R 48.21	+	·	1	R 50,45			<del></del>	÷	R 53.26	******	7
1365	9 43	2 8 44,78	R 4484	4 45 40	R 45,96	R 46.52	R 47,08	R 47,65	R 48.21	R 48.77	8 49 33		H 50,45			R 52.14	1	R 53.26	R 53.82	-
1360	8 43.	2 8 44,28	R 44.54	H 45 40	R 45.96	R 46.52	8 47,08	R 47.65	R 48 21	R 48.77	H 49,33	R 49.89	R 50,45	K 51.01	8 53,57	R 52,14	1 R 52.70	0 53.20		-
1355	R 43,	2 R 44.28	R 44.84	R 45,40	R 45,96	R 46.52	R 41,08	R 47.65	8 48.71	R 48.77	R 49,33	8 49,89	R 50.45	•				R 53,76		
1350	R 43,	2 8 44,28	R 44.84	R 45 40	R 45.96	R 46,52	R 47,08	R 47,65	R 48 21	R 48.77	H 49.33	8 49,89	R 50.45	R 51.01	8 51,57		4.0	R 53.76	1	
1345	R 43.	2 8 44.28	2 44.84	R 45 40	£ 45.96	R 46,52	R 47,08	R 47,65	R 48,21	8 48 77	R 49.33	R 49.89	R 50,45	R 51.03	~~~~	· <del></del>	***************************************	R 53,76	·	
1340		77 B 44.28		9 15 10	D 45 96	R 26 52	8 47 08	8 47 65	19 48.21	R 48.77	R 49,33	R 49.89	R 50.45	R 51.01	R 51.57	R 52,54	-	R 53,76	-	7
1335	R 43,	7) R 44 28	8, 44,84	R 45,40	8 45,96	R 46,52	R 47.08	R 47.65	R 48,21	R 48,77	R 49.33	R 49,89	R 50,45	R 51.01	R 51.57	R 52,14	1 H 52,70	R 53,26	0 53.82	
1330	R 43.	72 R 44.28	8 44.84	R 45,40	R 45,96	A 4652	R 47.08	R 47.65	R 48,21				R 50,45	4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·····			R 53,26		
1325	R 43.	72 R 44.28	R 44.84	R 45.40	R 45.96	8 46.52	R 47.08	R 47,65	R 48.21	R 48,77	R 49,33	R 49.89	R 50,45	+		R 52,14		·+	***********	
1320	R 43.	72 8 44 28	R 44.84	R 45,40	R 45.96	R 46,52	R 47.08	Я 47,65	9 48.71	R 48,77	R 49,33	8 49.89	8 50.45					Я 51.26		
1315		72 R 44.28	R 44.84	R 45,40	R 45.96	R 46.52	1 8 A 2 O B	. 1 8 47 65	IR 48 21	8 48.77	R 49.33	18 49,89	R 50,45	H 51,01				8 53.26		
1310	R 43	72 R 44,28	8 44.84	8 45,40	R 45 96	R 46.52	R 47.08	R 47.65	R 48,21	R 48 77	R 49.33	R 49.89	R 50.45	10 51 01	R 51.57	1 32,14	R 52,70	R 53.26	N >3.07	R 24.36
1305	R 43,	12 8 44,38	R 44,84	H 45,40	R 45 96	R 46,52	R 47,08	R 47,65	8 48,21	R 48.11	R 49,33	R 49.89	R 50,45	R 51,61	R 53.57	H 52.14	R 52.70	N 33,26	N 33,02	R 54.18
1300	R 43	12 R 44,28	R 44.84	R 15,40	R 45.96				8 48.21						R 51,57	R 52, 4	H 92.70	R 59.26	0 + 2 0 7	
1295	R 43,	72 R 44,28	R 44.84	8 45.40	8 45 95	R 46,52	R 47,08	R 47,65	H 48,21	R 48 77	R 49,33	R 49.89	8 50,45	R 51.01						8 54 38
1290	R 43	17 R 44.28	R 44.84	8 45 40	R 45 96	R 46.57	R 47,08	R 47,65	R 48,21	R 48 77	R 49,33	R 49,89	8 50,45	N 51,01	E 51.57	1 5 1 4	K 52,70	H 55,70	1 33,37	R 54.38
1285	R 43.	12 R 44,28	R 44.84	8 45,40	H 45 9E	R 46,52	R 47,08	R 47,65	R 48.21	R 48.77	R 49,33	Я 49,89	R 50,45	R 51,01	R 515/	1 3 1 1 1				R 54 38
1280	8 43	72 R 44.28	R 44.84	R 45.40	R 45.90	R 46,52	R 47,08	R 47,65	R 48,21	R 48.77	R 49,33	R 49.89	R 50,45	8 51,01	R 51.57	R 52.14	K 52,70	N 53.26	N 53.02	R 54.38
1275	R 43	72 R 44,28	R 44.84	R 45 40	R 45.90	R 46,52	R 47,08	R 47.65	R 48,21	R 48.77	R 49,33	R 49,89	R 50.45	R 51.01	4			R 53.26		
1270	R 43	72 6 44.28	R 44.84	R 45,40	R 45.96	R 46,52	R 47,08	R 47.65	R 48,21	R 48,77	R 49,33	8 49,89	R 50,45	R 51,01	R 51.57					R 54.38
1265	R 43	12 8 44 28	R 4181	R 45 40	R 45.96	R 46,52	R 47,05	R 47.65	R 48.21	R 48.77	R 49.33	8 49,69	H 50.45	IR 51.01	8 51.57				<del></del>	R 54.38
1260	9 43	22 B 44 28	R 44 54	N 45,40	R 45,90	R 46,52	R 47.08	8 42,65	R 48.21	R 48.77	R 49.33	R 49,89	IR 50.45	R 51,01	**********		R 52,70	<del></del>		8 54 38
1255	0 12	23 0 46 36	6 44 65	08.28.9	16.4596	: R 46 52	18 4/ 08	; A 47,65	B 48.21	8 48.72	R 49.13	R 49,89	1 R 50 45	18 51.01		R 52.14		R 53.26		R 54.38
1250	R 43	72 R 44.78	R 44 84	K 45.40	R 45 96	R 46,52	R 47.08	R 47,51	R 48,21	R 48.77	R 49.33	R 49.59	R 50.45	R 51.01	H 51.57	R 52,14	E   R 52,70	R 53,26	1 K 238	R 54.38

AM /S

Distance	From	Loading	Face	2050 -	3000km

	2050m	2100m	2150m	2200m	2250m	2300m	2350m	2400m	2450m	2500m	2550m	2600m	2650m	2700m	2750m	2800m	2850m	Z SOD m	2950m	3000m
Elevation	R/BCM											<del></del>			1	12272111	I K. O. J. O. I.	12300111	12330111	[3000in]
1380	R 54,94	R 55,50	R 56.03	R 56.63	8 57,19	R 57,25	R 58.31	R 58 87	R 5941	R 4990	B 60.56	8 6117	2 61 69	E 63.24	D 6380	D (3.36		0 (110	1	R 65.61
1375	R 54,94	R 55,50	R 56.07	R >6,63	8 57,19	R 52,25	R 58.31	R 58.87	R 5943	R 5999	R 60.56	R 61 17	P 61 69	D 63.34	8 63 90	R 63.36	0 63.02	n 64,49	R 65.03	H 55.61
1370	R 54,94	R 55,50	R 56 07	A 56.63	R 57,19	R 57,75	R 58.31	R 58.87	8 59 43	R 59 99	8 60 56	נו הו או	H 61.68	B 6134	0 62.60	R 63,36	n 63,97	R 64.49	R 65.05	8 65,61
1365	R 54,94	R 55,50	R 96,07	R 56,63	R 57,19	R 57 /5	R 58.31	R 58 87	8 5943	R 59 99	8 60 56	8 61 1)	9 61 69	0 5334	0 6306	R 63,36	N 63,92	H 64.49	R 65,05	8 65,61
1360	R 54,94	8 55,50	R 56.07	8 56,63	R 57.19	8 57 75	R 58 11	8 58 87	R 5943	R 5000	P 60 5E	P 61 1 1	0 61.68	0 67.24	R 62.50	R 63,36	K 63,92	8 64 49	K 65.05	8 65.61
1355	R 54,94	R 55.50	R 56.07	R 56.63	8 5/19	6 57 75	8 5831	# 58.87	R 50.43	8 40 00	B 60 55	0 6111	0 11.00	n 02,29	N 62.80	R 63.36	K 63,97	H 64.49	R 65.05	R 65.61
1350	R 54,94	R 55,50	R 56,07	R 56,63	R 57 19	B 57 75	8 58 31	R 5887	R 5943	8 50 99	R 60.56	R 61 12	0 5 5 50	D C 2 24	N 62.80	R 63,36	R 63,92	н 64.49	R 65.05	R 65.61
1345	R 54,94	R 55,50	R 56,07	R 56,63	R 57.19	R 57.75	F 58.31	R 58.81	R 5943	8 5969	B 60.56	R 62 13	9 61 60	P 61 34	0 62.00	R 63,36	N 63,92	R 64,49	N 65.05	R 65,61
1340	R 54,94	R 55.50	8 56,07	8 56,63	R 5719	к 57.75	R 58.31	R 5887	8 5943	R 50 50	8 60 56	2 61 17	9 61 60	B 62.24	0 5300	R 63,36	N 53,92	R 64,49	R 65.05	R 65.61
1335	R 54,94	R 55,50	R 56,07	R 56,63	8 57.19	R 57.75	R 58.31	8 58 87	£ 5943	R 4999	E ente	R 6111	0 61.00	D 62.24	0. 62.00	R 63,36	K 63,32	К 64,49	R 65 05	8 65.61
1330	R 54,94	8 55,50	R 56,02	R 36.63	8 57.19	R 52.75	R 58 31	R 5887	8 59.43	E 5969	8 60 65	P 6111	P 61 60	0 02.24	0.62.00	R 63.36	R 63,97	8 64,49	K 65,05	8 65.61
1325	R 54,94	R 55,50	R 56,07	R 56,63	R 57.19	R 57.75	R 58.31	R SRRI	8 5943	8 59 99	R 60.56	B 65 13	2 61 66	0 62.24	0 53.00	R 63,36	K 63,92	я 64,49	R 65,05	R 65,61
1320	R 54,94	R 55,50	R 56.07	५ 56,63	R 57.19	B 57.75	8 58 31	8 58 87	8 5943	R 5999	8 60 56	C 6113	0 61 60	0 63 34	B 63.80	R 63,36	N 63,97	H 64.49	K 65,05	R 65,61
1315	R 54 94	R 55,50	8 56,07	R 56,63	8 57,19	R 57.75	R 58.31	R 58.87	8 5943	8 54 00	R 60 54	R 61 12	0 61 60	0 62 24	0 63.00	R 63.36	K 63,92	R 54.49	R 65.65	R 65,61
1310	B 54.94	8 55,50	8 56,07	R 56.63	R 57,19	B 57,75	R 58.31	R 58.87	R 5943	R 5999	8 60 56	R 61 17	2 61 69	R & 2 24	R 4190	R 63.36	0 53.03	N 64,69	N 65.05	N 65,61
1305	R 54.94	R 55,50	8 56,07	R 56,63	R 57,19	R 57.75	R 58.31	8 58.87	8 5943	R 5999	R 6956	R 61 12	0 61 60	2 62 24	0 6100	R 63.36	n 63.92	K 64,49	H 65,05	K 65.61
1300	R 54.94	R 55.50	8 56,07	A 56,63	R 57.19	R 57,75	R 58.31	8 58 87	8 59 43	R 5999	R 60.56	R 61 12	R 61 68	B 63.35	B 6100	R 63,36	n 65,92	R 64,49	K 65.05	R 65.61
1295	R 54,94	R 55.50	R 56,07	R 56.63	R 57.19	R 57.75	R 58.31	R 58 87	8 5941	8 5999	R 60.56	P 61 13	B 61 60	D 63 34	0 (360	R 63,36	N 03.92	n 64,49	K 65,05	R 65,61
1790	R 54,94	R 55 50	R 56,07	R 56,53	R 57.19	R 57.75	R 58 31	B 5887	8 5941	и 50 99	8 60 56	6 61 12	B 61 60	0 (33)	0 4750	R 63.36	R 63,97	B 64,49	K 65,05	R 65,61
1285	R 54.94	R 55,50	8 56,07	R 56.63	R 57.15	R 51.75	H 58.31	8 5882	# 5943	R 50 99	8 60 56	F 61 12	R 61 68	0 61 11	0 63 80	R 63,36	R 63.92	R 64,49	H 65,05	8 65,51
2280	14 54 94	B 55.50	R 56,07	R 56.63	R 57.19	R 57.75	8 58 31	R 58 87	R 5943	8 59 99	8 60 56	8 61 11	D 61 60	D 63 21	D 62.00	K 63,36	n 05,92	2 54 19	8 55,05	X 65,61
1275	R 54,94	R 55,50	R 56.07	R 56.63	R 57.19	R 52.75	R 58.31	R 58.87	8 5943	R 5999	8 60 56	8 61 12	8 62 69	0 63 24	R 57.00	R 63,36	0 63.92	B 64,49	R 65.05	R 65,61
1270	R 54.94	R 55,50	R 56.07	R 56.63	8 57,19	R 57.75	R 58.31	R 5887	R 5943	R 59 99	8 60 56	8 65 12	0 61 60	0 63 24	02,00	R 63,36	0.63.92	H 54,49	H 65,05	K 65,61
1265	R 54 94	R 55,50	R 56,07	R 56,63	R 5/19	R 57.75	R 58 31	R 588/	E 5943	R 59.09	9 60 56	R (1.12	01,56	0.0336	0 (300)	R 63,36	R 63,92	H 63.49	R 65.05	R 65,61
1260	R 54 94	H 55,50	R 55,07	R 56.63	K 57.19	8 57 75	K 58 31	8 58 8 7	R 5943	8 59 96	9 60 56	9 61 10 1	0 6140	02,26	0.62,80	N 03.36	и 6392	8 14,49	R 65.05	R 65,61
1255	R 54.94	8 55.50	R 56.07	R 56,63	R 57.19	R 57/5	£ 58 31	R SERT	R 5943	8 59 99	32.03 B	9 63 13	0 17.00	P 4 2 24	0.500	R 63.36	N 63.92	н 64,49	R 65,05	R 65.61
1250	R 54.94	R 55,50	R 56.07	R 56.63	H 57,19	R 57.75	R 58.31	8 5887	8 5043	R 50 69	B 6056	2 61 13	0 61 60	9 62 74	9 (795	8 63 36	н 63.92	н 64,49	R 65.05	R 65,61
***************************************									32.43 1	11 37,79 1	n 00.38	3 01.17	e 01,58 i	3 52,24 1	4 67.83	K 65.36	H 63.9.7	K 0449	8 65.05 F	R 65.61



## 3. SERVICES AND MATERIALS TO BE SUPPLIED BY EMPLOYER

- 3.1 Contractor's Office Facilities and Ablutions
- 3.2. Workshop for the Contractor. The Contractor has not allowed for a Workshop and a suitable facility would cost approximately R600,000.00 (six hundred thousand rands).
- 3.3. All security services.
- 3.4. Water for offices and Site consumption and use.
- 3.5. Electricity for offices and workshop.
- 3.6. Internet Connection and suitable WiFi.

## 4. ATTACHMENTS TO THIS AGREEMENT

- 4.1 Contractor's Tender Letter 15th April 2021
- 4.2. Schedule of Rates as included in this Agreement (attached separately as well)
- 4.3. Daywork Rates
- 4.4 Purchase Order (to be provided by the Employer)

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**CONTRACT NUMBER:** 

TBA

CONTRACT DESCRIPTION:

Mining Services - Kareevlei Mine

**COMMUNICATION REFERENCE:** 

Second Fleet Rev 3

DATE:

15th April 2021

The Employer:	Kareevlei Mining (Pty) Ltd	The Contractor:	Teichmann South Africa (Pty) Ltd
Contact Person:	Gus Simbanegavi	Contact Person:	Mr Alan McKinney
The Engineer:	N/A		And the state of t
Address:	Kareevlei Mining, Wesselton Village Kimberley	Address:	
Telephone No:		Telephone No:	+27 (31) 569 3170
Email Address:	gus@kareevlei.com		alan mckinney@teichmanngrp.com

Dear Mr Gus Simbanegavi,

- A. We herewith submit our revised rates for the continuation of the mining works at Kareevlei mine.
- B. The Contract allowed for a rate change in January 2020. However, as you are aware this was never implemented. It should be noted that the current rates are two years old and should have been subject to Escalation (Contract price Adjustment).
- C. The new rates account for the increased volumes in the scope of work to be delivered and also considers the increase in the Contractor's Personnel and Equipment.
- D. Further to this there is no longer any overhaul as the attached matrix covers hauls in depth. Although the Matrix covers the various haul distances and elevation differentials, it is not ideal in that without the detailed mine plan we cannot be sure that we have adequate equipment in the medium term and this remains a risk that all parties must remain cognisant about. This issue will have to be addressed independently should this event materialise.

Teichmann South Africa (Pty) Ltd Head Office

1 Flamboyant close, Glen Anil, 4051, South Africa, PO Box 40209 Redhill, 4071

Tel: +27 (31) 569 3170 Fax: +27 (31) 569 3145 Directors: K. Gibbs, G. Teichmann, J te Riele

Co. Registration number: 99/005673/07

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## (1.0) TECHNICAL

- (1.1) We have based our rates on haul distances in 50m increments from the loading face.
- (1.2) The rates are based on a minimum of 110,000 BCM per month.
- (1.3) The submitted rates are R/BCM based on an SG of 2.55.
- (1.4) The operation is based on two x 9 hour shifts.
- (1.5) A three shift system is required due to the volume required and the fleet selected.
- (1.6) The following additional equipment is to be mobilized to site:
  - 1 x 75-ton Excavator
  - 4 x 45 ton ADT's
  - 1 x D8 Dozer
  - 1 x B20 Watercart
- (1.7) We have now added a Production Manager as this will be required to meet the requirements of the works to be executed.
- (1.8) We have added another Artisan.
- (1.9) We have also included the additional site transport that will be necessary.

## (2.0) COMMERCIAL

- (2.1) We will supply competent operators and supervision personnel but any additional site specific training is to be conducted by the Employer.
- (2.2) All our rates exclude fuel (dry rate), a fuel cap is provided and this implies fuel is supplied by the Employer at no cost to the Contractor.

Teichmann South Africa (Pty) Ltd Head Office

Directors: K. Gibbs, G. Teichmann, J te Riele

Co. Registration number: 99/005673/07



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(2.3)We have not allowed for any expansion of the existing workshop but it will be necessary to

accommodate the larger trucks. This can be discussed.

(2.4)All accommodation is to be provided by the Employer.

(2.5)All works shall be subject to re-measure. A monthly reconciliation will be prepared and

submitted to quantify the volume of material hauled.

(2.6)We have made no allowance for PDS / VDS systems or of any other system similar to this. If

this becomes a requirement, this shall be an additional cost.

(2.7)All our rates exclude VAT.

(2.8)The Contract Price Adjustment (Escalation) formula is included in the draft contract for this

work and shall be consistently applied.

(2.9)Payment terms are strictly 30 Days from the date of submission of the payment application

which shall be issued monthly.

(2.10) Base date of pricing is January 2021.

(2.11) Any new commercial and contractual terms are to be agreed before forming part of the

Contract.

(2.12) Due to the substantial changes in the Contract and the requirements from the Employer, the

Agreement for the works as signed by the Parties on 5th August 2019 shall be replaced by a

new Agreement that will encompass the revised scope of work and increase in the

Contractor's Personnel and Equipment mobilised on Site. This new Agreement shall replace

the existing agreement in its entirety as agreed by the Parties.

(2.13) We have not allowed for or considered and priced for any impacts, delays, disruptions of any

kind whatsoever that relates to COVID -19 and/or any decisions taken by authorities,

governments, etc. In the event this tender is awarded to us, any such issues shall be notified

and claimed for in accordance with the conditions of Contract. For avoidance of doubt, any

matter relating to COVID-19 or the consequences of COVID-19 is excluded from our bid.

Teichmann South Africa (Pty) Ltd Head Office



(2.14) We have also not allowed for occurrences of labour unrest, disputes, strikes etc. or any labour issues beyond our control. Any events relating to unrest created by the construction forums, local community and other labour issues not within the control of the Contractor is excluded from our price.

## (3.0) CONCLUSION

- Your earliest response would be most appreciated as we have already secured and started (3.1)the process of mobilising our personnel and equipment to Site.
- This would enable the increased volumes of work to commence towards the end of February (32)and beginning of March 2021.
- This will give us the appropriate time that will be required to recruit and train operators given (3.3)the complexity of employing operators approved at Kareevlei.
- It is critical that the blasting service and fuel delivery are able to cope with the increased (3.4)scope of works. Failing which, this will have an impact on production and will then imply the Contractor shall be entitled to claim for standing time and I or costs incurred for working inefficiently.
- We hold ourselves available to discuss and clarify any aspect of our bid with yourselves for (3.5)expeditious resolution.

Yours faithfully,

For and On Behalf of Teichmann South Africa (PTY) Ltd

**ALAN MCKINNEY Contracts Director** 

Teichmann South Africa (Pty) Ltd Head Office 1 Flamboyant close, Glen Anil, 4051, South Africa, PO Box 40209 Redhill, 4071

Tel: +27 (31) 569 3170 Fax: +27 (31) 569 3145

Directors: K. Gibbs, G. Teichmann, J te Riele

R.Dam

Co. Registration number: 99/005673/07



#### Bluerock Diamonds

15 04 2021

Mining Services - Kateeviel Mine
3 Shift

FUEL Price (ZAR/L) 13.50



TEM	DESCRIPTION	UNIT	QUANTITY	R	BILL OF ATE (DRY)			FUEL CAP (L/Unit)	AMOUN'
			·	T		Т		I	
1 2	Site Establishment & Do-establishmer  E stablishment	SUM	1	R	107,408.00	<del> </del>			
<u> </u>	L PLANTE USICIS	-7.757184	1						
1.4	Section Total								R
						<del></del>		7	
2	Mobilisation & De-Mobilization		ļ	R	453,250,00	<del> </del>			
2 1	Mobilisation	SUM	<u> </u>	-	453.250 to	<del> </del>			
2.3	Section Total								R
3	Fixed Monthly Management Fee			Ļ	.,				
3 1	P&C	Month	36	R	637.406.50	<del> </del>			R
3.2	Section Total		L	<u></u>		<u></u>		<u></u>	L 13
4	Load and Haul Waste and Ore	1	T	I		Ī			
411	50m from loading face	BCM	Rate Only	FR	31 93	H	45 83	1.03	
412	100m from loading face	8CM	Rate Only	R	33 05		47 16	1.05	
413	150m from leading face	BCM	Rate Only Rate Only	R	33 61 34 17	15	47 94 48 71	1 06 1 08	ļ
414	250m from loading face	8CM	Rate Only	R	34 73	*****	49 48	1 09	
410	300m from loading face	BCM	Rate Only	R	35 30	·	50 26	1 11	
417	350m from loading face	BCM	Rate Only	R	35 86	15	51 03	1 12	
418	400m from loading face	BCM	Rate Only	R	36 42		51 80	1 14	ļ
419	450m from foading face	BCM	Rate Only	R	36 98 37 54	R	52 58 53 35	1.16	
4 1 10	550m from loading face 550m from loading face	BCM BCM	Rate Only	R	38 10	*****	54 12	1 19	
4 1 12	600m from loading face	BCM	Rate Only	R	38 66		54 90	1 20	
4 1 13	650m from loading face	всм	Rate Only	R	39 23	R	55 67	1 22	
4 1 14	700m from loading face	13CM	Rate Only	R	39 79		56 44	1 23	ļ
4 1 15	750m from leading face	BCM	Rate Only	R	40 35	4	57 22	125	
4 1 16	800m from loading face	BCM BCM	Rate Only Rate Only	R	40 91 41 47	R	57 99 58 76	1 28	<b>i</b>
4 1 18	850m from loading face 900m from loading face	BCM	Rate Only	R	42 03	+	59 54	1 30	<u> </u>
4 1 19	950m from loading face	BCM	Rate Only	R	42.59	R	60 31	1 31	
4 1 20	1000m from loading face	ВСМ	Rate Only	R	43 15	FR	G1 08	1 33	
4 1 21	1050m from loading face	BCM	Rate Only	R	43 72	R	61 66	1 34	<b>.</b>
4 1 22	1100m from leading face	BCM	Rate Only	R	44 28	R	62 63	1 36 1 38	
4 1 23	1150m from loading face	8CM	Rate Only	R	44 84 45 40	15	63 40 64 18	1 38	ļ
4 1 24	1200m from loading face 1250m from loading face	BCM	Rate Only	R	45.96	R	64 95	141	
4126	1300m from loading face	всм	Rate Only	R	46 52	<del></del>	65 72	142	
4 1 27	1350m from loading face	BCM	Rate Only	R	47 08	R	66 50	1 44	ļ
4 1 28	1400m from loading face	BCM	Rate Only	R	47 65	13	67 27	1 45	
4 1 29	1450m from loading face	BCM	Rate Only	R	48 21 48 77	R	68 05 68 82	1 47	
4 1 30	1500m from loading face 1550m from loading face	BCM BCM	Rate Only Rate Only	R	49 33	R	69 59	1 50	1
4 1 32	1600m from loading face	BCM	Rate Only	R	49 69	13	70 37	1.52	
4 1 33	1650m from loading face	BCM	Rate Only	13	50 45	R	71 14	1 53	
4 1.34	1700m from loading face	BCM	Rate Only	13	51 01	15	71 91	1 55	
4 1 35	1750m from loading face	BCM	Rate Only	R	51 57	R	72 69	1 56	
4 1 35	1800m from leading face 1850m from leading face	BCM BCM	Rate Only Rate Only	R	52 14 52 70		73 46 74 23	1 50	
4 1 37	1900m from loading face	BCM	Rate Only	15	53 26	R	75 01	161	
4 1 39	1950m from loading face	BCM	Rate Only	15	53.82	R	75.78	1 63	
4 1 40	2000m from fooding face	BCM	Rate Only	15	54 38	<del>;</del>	76 55	1 64	ļ
4141	2050m from laading face	BCM	Rate Only	R	54 94	<u>R</u>	77 33	1 (4)	
4 1 42	2100m from leading face	BCM BCM	Rate Only Rate Only	R	56 50 56 07		78 10 78 87	1 67	
4 1 44	2150m from loading face 2200m from loading face	BCM	Rate Only	R	56 63		79 65	1 71	<b>†</b>
4 1 45	2250m from loading face	BCM	Rate Only	R	57 19		80 42	1 72	
4 1 46	2300m from loading face	BCM	Rate Only	FR	57 75	R	81.19	1 74	
4 1 47	2350m from loading face	BCM:	Rate Only	IR.	58 31	R	81 97	1 75	<b> </b>
4 1 48	2400m from leading face	BCM BCM	Rate Only Rate Only	R	58.87 59.43		82 74 83 51	1 77	
4 1 49	2450m from leading face 2500m from leading face	BCM	Rate Only	IR IR	59 99 59 99		84 29	1 80	<b></b>
4 1 50	2550m from loading face	BCM	Rate Only	R	60 56		85 06	<del></del>	
4 1 52	2600m from loading face	ВСМ	Rate Only	13	61 12	R	85 83	1 83	
4 1 53	2650m from loading face	BCM	Rate Only	14	61 68		86 61	1 85	<b></b>
4 1 54	2700m from loading face	BCM	Rate Only	12	62 24		87 39	1 86	<del> </del>
4 1 55	2750m from loading face	BCM	Rate Only	13	62.80 63.35		88 15 F0 88	188	<del> </del>
4 1 56 4 1 57	2800m from toading face 2850m from loading face	8CM 8CM	Rate Only Rate Only	R	63 36 63 92		88 93 89 70	***************************************	<del> </del>
4 1 58	2900m from loading face	BCM	Rate Only	R	64 49		90 47	1 93	The second section of the section of
4 1.59	2950m from loading face	BCM	Rate Only	R	65 05	f₹	91 25	1 94	
4160	3000m from loading face	BCM	Rate Only	R	65.61	₽	92 02	1.96	<u> </u>
	Section Total	1	1	1				1	R

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Co. Registration number: 99/005673/07

MAS



# Schedule of Rates

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<u></u>	50m	100m	150m 7	200m	250m	300m	350m	400m	450m	500m	550m	600m	650m	700m	750m	anom	850m	300m	ansa.	wanar.
Efevation #	R/BCM															Ì	-			
٦	07 CE 8	23.05	R 33.61	R 34.17	8 34.73	R 35.30	R 35.86	R 36.42	R 36.98	R 37.54	R 38 10	R 38.66	R 39.23	R 39 79	R 40.35	R 40.91	R 41.47	R 42 03	R 42 59	R 43.15
	0 42 AG	:   =	33.61	34.17	R 34.73	R 35 30	R 35.86	R 36.42	R 36.98	R 37,54	я 38.10	ล 38.66	R 39.23	R 39.79	R 40.35	R 40.91	R 41.47	R 42 03	R 42.59	R 43.15
	33.40		22.61	34.17		R 35.30	R 35.86	R 36.42	я 36 98	R 37 54	R 38.10	R 38 66	R 39.23	R 39 79	R 40.35	8 40.91	R 4147	R 42.03	R 42.59	R 43.15
13/0			13 61	34 17		35	35	36	В 36.98	R 37.54	R 38.10	R 38 66	R 39.73	я 39 79	R 40.35	R 40.91	R 41.47	R 42.03	R 42.59	R 43 15
1365	6 8	20.00		27.12		'n	25. 2	3.6		R 37.54	R 38 10	R 38 66	R 39.73	R 39.79	R 40.35	R 40.91	R 41.47	R 42.03	R 42.59	R 43 15
1360		11 33.05	12.07		CT 26 0	3 2	2, 0	2	5	3.7	В 38	R 38 66	R 3923	R 39 79	R 4035	R 4091	R 41.47	R 42 03	R 42.59	R 43 15
1355		25 05	2002			, z	25	R 36		37	<del></del>	R 38.66	R 39.23	R 39.79	R 4035	R 4091	R 41.47	R 42.03	R 42.59	R 43.15
200	22 42	0	13 52 61			. 35 35	8 35	8 36	R 36.98	R 37.54	R 38 10	R 38 66	R 39.23	8 39 79	R 4035	R 4091	R 4147	R 42 03	R 42.59	R 43.15
1345	22.42	e a	0 33.61			35	R 35	R 36	38	R 37.54	R 38 10	R 38 56	R 39.23	R 39.79	R 40.35	R 40.91	R 41.47	R 42 03	R 42.59	R 43.15
7240	20 70 0	2 0	23.61	R 34.17	R 34 73	R 35	я 35	8 36	R 36.98	R 37.54	R 38.10	R 38 66	R 3973	R 39.79	R 40.35	R 40.91	R 41.47	R 42 03	R 42.59	R 43.15
1332		5 6			B 36 73	3.5	R 35		R 36 98	R 37.54	R 38 10	R 38.66	R 39 23	R 39.79	R 40.35	R 4091	R 41.47	R 42.03	R 42.59	R 43.15
1350	22 45	33 05	2 2		E 32 H	. a	R 35	R 36	36	R 3754	R 38 10	R 38 66	R 39.23	R 39.79	R 40.35	R 40.91	R 61.47	R 42.03	R 42 59	R 43.15
5751			R 22.61			R 35	R 35	R 36 42	R 36.98	R 37.54	R 38 10	R 38.66	R 3923	R 39.79	R 40.35	R 4091	R 41.47	R 42 03	R 42.59	R 43.15
1320		2 ا	0 23 61			, a	R 35	<u>a</u>	+	R 3754	R 38.10	R 38.66	R 39.23	R 39.79	R 40.35	R 40.91	R 41.47	R 42.03	R 42.59	R 43 15
5151		4 4	1000		26 72	25.	B 35	R 36 42	8 36.98	R 37 54	R 38 10	я 38.66	R 3923	R 39 79	R 40.35	ล 40.91	R 4347	R 42 03	R c2.59	R 43.15
1310		2 2				2	34	36	1 ~	ļ	R 38.10	R 38 66	R 39.23	R 39 79	R 40.35	R 40.91	R 41 47	R 42 03	R 42.59	R 43.15
1305	K 32.49	٤ (٥	1 25.01		2 2		2 2	3.5	38	l ac	R 38 10	R 38.66	Я 39.23	R 39.79	R 40.35	R 40.91	R 4147	R 42 03	R 42.59	R 43.15
1300		=	10.00 H			2 0	3,5	36	2 2	╃	R 38 10	R 38 66	R 3923	R 39.79	R 40 35	R 4091	R 41.47	R 42.03	1 R 42.59	R 43 15
1295		= :	z c			. 0	36	2 2	35	R 37	ď	я 38 66	R 3923	R 39.79	R 40 35	R 4091	R 4147	R 42.03	8 42.59	R 43 15
1290	× 32 49	K 33.03	n 53 04		E7 25 8	35	8 35	R 36	36	R 37	æ	R 38.66	R 39.23	R 39.79	R 4035	ห 4091	A 41 47	R 42.03	3 R 42 59	R 43.15
2071	07 Ct B	2 0	: 0	10	. 2	R 35	R 35	+	8 36 98	R 37.54	R 38 10	я 38.66	R 39.23	R 39.79	R 4035	R 4091	R 4147	R 42 D3	8 R 42.59	R 43.15
77.80	20 7C E	s c	1	10		2	8 33	+	R 36 98	R 37 54	1 R 38 10	R 38 66	R 3923	R 39.79	R 40.35	R 4091	A 4147	R 42.03	8 R 42.59	R 43.15
1275		2 (	<del>-</del> -	<u> </u>		2,5	3	<u> </u>	R 36	R 37 54	1 R 38 10	R 38.66	R 3923	R 39.79	R 40.35	R 40 91	R 4147	R 4203	3 R 42.59	R 43.15
1270		¥ (	×   ;		2 2	2	1 2	R 24	3,5	В 37	1 R 38 10	R 38.66	R 39.23	R 39.79	R 4035	R 4091	R 4147	7 R 42.03	3 8 42.59	R 43.15
1265	N 37 49	¥ (		e e	- 0	35 0		35	R 36	R 37	1 R 38 10	R 38.66	R 39 23	R 39 79	R 40.35	R 40.91	R 41.47	7 R 4203	3 8 42.59	R 43.15
1260	H 32 49		ı, c	2 0	۵ (۲	8 35	35	R 36	8 36	R 37	R 38	R 38 66	R 39.23	R 3979	R 40.35	A 40.91	R 41 47	7 R 4203	3 R 42.59	R 43 15
1755	75 X	=	٤	1			a a	-	8 36 98	R 27 5.0	01 82 8	R 38 66	R 39 23	8 39 79	R 40.35	R 40 91	8 41.47	7 R 4203	3 R 42.59	R 43.15

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Directors: K. Gibbs, G. Teichmann, J te Riele

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	Distance From Loading Face 1050 - 2000m	from Load	ding Face	1050 - 20	00m							- [	Γ		Г	Γ	Г	Γ		0000
	1050m	1100m	1150m	1200m	1250m	1300ш	1350m	1400m	1450m	1500m	1550m	1600m	1650m	1700m	1750m	1800m	1850m	1900m	1950m	Wanaz]
Elevation	R/BCM												A STATE OF THE STA		1					
1380	8 43 72	8 44 28	R 44.84	R 45 40	R 45.96	R 46 52	R 47.08	R 4755	8 48.21	R 48.77	R 4933	R 49.89	R 50.45	R 51.01	R 5157	R 52 14	R 52.70	K 23.25	X 25.84	24 38
1226	-		R 44 84	rx:	<u> </u>	R 46.52	R 47.08	R 47 65	8 48.21	R 48.77	R 4933	R 49.89	R 50.45	R 51.01	R 5157	R 52 14	R 52 70	R 53.26	R 5382	
2/64			20 44 0	-	10	-	8 47 08	R 47 65	R 48.21	R 48.77	8 49 33	R 49.89	R 50.45	R 51.01	R 51 57	R 52.14	R 52.70	R 53.26	R 53.82	R 54 38
13/0			20 00 0		<u> </u>	R 46	8	8 47	R 48.21	R 48.77	R 4933	R 49.89	R 5045	R 51 01	R 51.57	R 52.14	R 52.70	R 53.26	R 53.82	R 5438
2007	7 64 7	00,000		0		8 45	R 42	R 47.65	R 48.21	R 48.77	R 49.33	R 49.89	R 5045	8 51.01	R 51.57	R 52 14	R 52.70	R 53.26	R 53.82	R 54.38
1360	45.77	K 44 40	< 4	٠ (	2	2	, Y	4	2 4 4 4	R 4877	R 49.33	R 49.89	R 5045	R 51.01	R 53 57	R 52.14	R 52.70	R 53.26	R 53.82	R 54.38
1355	43 72		K 44.84	<b>x</b> . (	¥ ;	2 4	2 0	5 0		9	R 49	49	R 50 45	l ne	R 51.57	R 5234	R 52.70	R 53.26	R 53.82	R 54 33
1350	43.72	R 44.28	R 44.84	z e	7 45.90	7 5	0 47	n 1	4 4	- 12		49	3	R 51.01	R 51.57	R 52.14	R 52.70	8 53.26	R 53.82	R 54.38
1345	45.77	27.52	=			200	R 67	8 47	ď	~	R 49.33	R 49.89	R 50.45	R 51.01	R 5157	R 52.14	R 52.70	R 53.26	R 5382	R 5438
1340	H 43.72	07 00 0	*0 *7 °C	4 0	<u> </u>	1 1 1	B 47	8 47	or.	οc	R 4933	я 49.89	R 5045	R 51.01	R 51.57	R 52.14	R 52.76	R 53.26	R 53.82	R 54,38
1335		2	١		1		0	2 47	ļ a	R 48 77	R 49 33	R 49.89	R 5045	R 51.01	R 51.57	R 52.14	R 52.70	R 53.26	R 53.82	R 54.38
1330		nc i	—- <b>÷</b>	<del>ļ</del>	× (	2 2	4 6	2 0	4	2 2	R 49	25	R 50.45	8 51 01	R 51.57	R 52.14	R 52.70	R 53.26	R 53.82	R 54.38
1325	R 43.72	∝¦ :	<b>∞</b>   €	K 43.40	7 42.90	2 0	2 0	2 4	. 48	89	R 49	R 49	+—	8 51.01	R 51.57	R 52.14	R 52.70	R 53.26	8 53.82	R 54.38
1320		<b>z.</b> (		2 2	¢ 0	4	, a	E 47	2 48	æ	<u> </u> ~	R 49.89	R 50.45	R 5101	R 51.57	R 52.14	R 52.70	R 53.26	R 53.82	R 5438
1315	H 43 //	×	2 1	٠ (		: 0		٥	2 48	a	R 49 33	R 4989	R 50.45	R 5101	R 51.57	R 52.14	R 52.70	R 53.26	R 53.82	R 54.38
1310	R 43 72	R 44.28				1 4B	÷ :	; ;			: 0	07	9	8 51 03	R 5157	R 52 14	R 52 70	R 53.26	R 53.82	R 54.38
1305	R 43.72	œ.	<u>~ </u>	œ		X .	¥ ;	x 6		2 0	2 0	2	ς.		5	R 52 14	R 52 70	R 53.26	R 5382	R 5438
1300	R 43 72	R 44.28	R 44.84	R 45.40	R 45.96	R 46	¥ 4	ž	¢ :	G .	5	1	: :	. 0	ú		<del>-</del>	8 53.26	R 53.82	R 5438
1295	R 43 72	R 44.28	R 4484	R 45.40	1 R 45.96	6 8 46 52	2 R 47.08	3 R 47.65	R 48 71	R 48	# 45.	zļ.	2	2 7	5 :	; ;	1 5	-		. 5
1290	R 43.72	R 44.28	8 4484	R 45.40	R 45.96	6 R 46.57	Z R 47.08	8 R 47.65	5 R 48.21	В 48	8 49	R 49	25	E 2	Ž	X :	32 2	£ 5	20 0	
1285	R 43.72	R 44.28	R 4484	R 45.40	) R 45.96	6 R 46.52	2 R 47.08	8 R 4765	5 R 48 21	R 48.77	7 R 49 33	R 49	2	2	2	7	25	1	2 3	
1780	R 43.72	R 44 78	R 44 84	R 45 40	3 R 45.96	6 R 46.52	2 8 47 08	8 R 47.65	6 R 48.21	R 48.77	7 R 49.33	R 4989	R 50 45	R 51.01	R 51.57	R 52.34	R 52	=	7	
27.7		3	α.	a	) R 45.96	R 46	52 R 47.08	B R 47 65	5 R 48.21	R 48.77	7 R 49.33	R 49.89	R 50 45	R 5101	R 51.57	8 52 14	R 52.70	R 53.26	я 53.82	R 54.38
1273	27.64	2 0		2	~ <del>†</del> —	R 46	52 R 47 08	8 R 47.65	5 R 48.21	R 48 77	7 R 4933	R 49.89	R 50.45	R 51.01	R 51.57	R 52.14	R 52.70	R 53.26	R 53.87	R 54.38
0/71	43.76	- 6	٥   ۵	- -	-†	1 35	R 47	<del></del>	S R 48 21	R 48 77	7 R 4933	R 49.89	R 50 45	R 51.01	R 51.57	R 52.14	R 52.70	R 53.26	R 5382	R 54.38
1785		×   0	_		-+	2 4	<u>ت</u>	8 R 47.65	CI.	R 48 77	7 R 49.33	R 4989	R 50 45	R 51.01	R 51.57	R 52.14	R 52.70	R 53.26	R 5382	R 54.38
1260	K 43 / 2				20 20 0	2 2	7	4.4	8 48	<del></del>	7 R 49.33	R 4989	R 5045	. R 5101	R 51.57	R 52.14	R 52.70	R 53.26	R 53 B2	R 54 38
1255	R 43 //	87 55 H			6.7		1	_	1	٥	2 0 0 C	08 07 80	B 50.45	S B 5101	R 51.57	R 52 14	R 52 70	R 53.26	R 53.82	R 54 38
1250	R 43.72	R 43.72 R 44.28	R 44.84	_	R 45.40 R 45.96	6 R 46 52	20 /5 H 2/	8 1 1 4/ 05	2 4 40.7		4	1				-	-			

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	Distance	Distance From Loading Face 2050 - 3000m	iding Face	2050 - 30	00m															
	2050m	2100m	2150m	2200m	2250m	2300m	2350m	2400m	2450m 2	2500m	2550m	2600m	2650m	2700m	2750m	2800m	2850m	2900m	2950m	3000m
Elevation	R/BCM																			
138D	R 54.94	Œ	55.50 R 56.07	ส 56.63	R 5719	R 57.75	R 5831	R 5887	R 59.43	R 59.99	R 60 56	R 61 12	R 61.68	R 62.24	R 62.80	R 63.36	R 53 92	R 6449	R 65.05	R 6561
1375	R 5494	ี 8 55.50	R 56 07	8 56.63	R 57.19	R 57.75	R 5831	R 5887	R 59.43	R 59 99	R 60 S6	R 61 12	R 61.68	R 62.24	R 62.80	R 63.36	R 63.92	R 64.49	R 65.05	R 65 61
1370	R 54.94	R 55.50	R 5607	R 56.63	R 57 19	R 57.75	R 5831	R 5887	R 5943	R 59.99	R 60 56	R 61.12	R 61.68	R 62.24	R 62.80	ห 63.36 ॄ	я 63 92	R 64 49	R 65.05	R 65 61
1365	R 54.94	R 55.50	R 56 07	R 56.63	R 5719	R 57.75	R 5831	R 5887	R 59.43	R 59.99	8 60 S6	R 61.12	R 61.68	R 62.24	ล 62 80	स 6336	R 63 92	R 64 49	R 65.05	R 65.61
1360	R 5494	R 55 50	R 5607	8 56.63	R 57 19	R 57.75	R 58.31	R 58.87	R 59.43	R 59.99	R 60 55	R 61 12	R 61.68	R 62 24	H 6280	૧ 63.36	R 63.92	R 64 49	R 65.05	R 55.61
1355	R 5494	8 55 50	R 56 07	R 56.63	R 57.19	R 57.75	R 58.31	R 58.87	R 59.43	R 59.99	R 60 56	R 61 17	R 61.68	R 62.24	я 62.80	R 63.36	R 63.92	R 64.49	R 65.05	R 65 61
1350	R 5494	R 55.50	R 56.07	R 56.63	R 57.19	R 57.75	R 58.31	R 5887	R 59.43	R 5999	8 60 56	R 61 12	R 51.68	R 52.24	R 62.80	R 63.36	R 63.92	R 6449	R 65.05	R 65.61
1345	R 54.94	R 55 50	R 56 07	R 56.63	R 57.19	R 57 75	R 5831	R 5887	R 59.43	R 59.99	R 60 56	R 61.12	R 61.68	R 62.24	R 62.80	R 6336	R 63 92	R 64 49	R 6505	R 6561
1340	R 5494	I R 55.50	R 56.07	R 56.63	R 57.19	R 57.75	R 5831	R 5887	R 59.43	R 59 99	R 60 56	R 61 12	R 6168	R 52.24	R 62 80	8 63 36	R 63.92	R 64 49	R 65.05	R 65.61
1335	R 54.94	I R 55 50	R 56 07	R 5663	R 57 19	R 5775	R 5831	R 5887	R 59.43	R 59.99	R 60 S6	R 61 12	R 61.68	R 62.24	R 62.80	R 6336	R 63.92	R 64 49	R 65.05	R 5561
1330	R 5494 R	R 55.50	R 56 07	A 5663	R 57 19	R 5775	R 5831	R 58.87	8 59.43	R 59.99	R 60 56	R 6112	R 61 68	R 62 24	R 62 80	R 63.36	R 63.92	R 64 49	R 65.05	R 6561
1325	R 5494	I R 55 50	R 56 07	R 56 63	R 57.19	R 57.75	R 58.31	R 58.87	R 59.43	R 59 99	8 60 56	R 6112	R 61.68	R 62 24	8 62 80	₹ 63.36	R 63.92	R 64 49	R 65.05	R 6561
1320	R 5494	R 55 50	R 56.07	R 56 63	R 57.19	R 57.75	R 5831	R 58.87	R 59.43	R 59 99	R 60 56	R 51 12	R 61 68	R 62.24	08 €9 80	R 6336	R 63.92	R 6449	R 65.05	R 65.61
1315	8 5494	I R 55.50	R 56.07	R 56.63	R 57.19	8 57 75	R 5831	R 5887	R 59.43	R 59.99	R 60 S6	R 61 12	R 6168	R 52.24	R 62.80	R 6336	R 63 92	R 64.49	R 65.05	R 65 61
1310	R 54.94	I R 55.50	R 56 07	8 56.63	R 5719	R 57.75	R 5831	R 5887	R 59.43	R 59.99	R 60 56	R 61.12	R 61.68	R 62.24	R 62 80	A 6336	R 63.92	R 64 49	R 65 05	R 65 61
1305	R 54.94	1 R 55 50	R 56.07	R 56.63	R 5719	R 5775	R 5831	R 5887	R 59.43	R 59.99	R 60 S6	R 61 12	R 61.68	R 62.24	R 62.80	R 6336	R 63.92	R 64.49	R 65.05	R 65 61
1300	R 54.94 R	1 R 55 50	R 56 07	A 56 63	R 57 19	R 57.75	R 5831	R 58.87	R 59.43	R 59.99	R 60 56	R 61.12	R 6168	R 62.24	R 62 80	R 6336	R 63.92	R 6449	R 65.05	R 65 61
1295	R 5494	1 8 55 50	R 5607	ห 56 63	R 57.19	R 57.75	R 58.31	R 5887	R 59.43	R 59.99	8 60 S6	R 61.12	R 61.68	R 62.24	8 62 80	R 63.36	R 63.92	R 64.49	R 65 05	R 6561
1290	R 5494	1 8 55 50	R 56 07	R 56.63	R 57.19	R 57.75	R 58.31	R 5887	R 59.43	R 59.99	R 6056	R 61 12	R 6168	R 62.24	R 62 80	R 63.36	R 63.92	R 64 49	R 65.05	R 65 61
1285	8 5494	1 8 55 50	R 56.07	R 56.63	R 57.19	R 57.75	R 5831	R 5887	R 5943	R 59 99	R 60 56	R 61 12	R 61.68	R 62 24	R 62.80	A 6336	R 63 92	R 64.49	R 65.05	R 6561
1280	8 5494	1 R 55 50	R 56.07	8 56.63	R 5/19	R 57.75	R 5831	R 5887	R 5943	R 59 99	R 6056	R 61.12	R 6168	R 62.24	R 6280	R 63.36	R 63.97	R 64.49	R 65.05	R 6561
1275	R 5494	1 R SS 50	R 56.07	R 56.63	R 57 19	R 57.75	R 5831	R 5887	R 5943	R 59.99	R 60 56	R 61.12	R 61 68	R 62.24	R 6280	R 63 36	R 63 92	R 64.49	R 65.05	R 65 61
1270	R 54.94	1 R 55 50	R 56.07	R 56.63	R 57 19	R 57.75	R 5831	R 5887	R 59.43	R 59 99	R 60 S6	R 61.12	R 61.68	R 62.24	R 67.80	R 6336	R 63.92	R 64.49	R 6505	R 55 51
1265	R 5494	1 8 55 50	R 56 07	R 56 63	R 57.19	R 57.75	R 5831	R 5887	R 59.43	R 59.99	R 60 S6	R 6117	R 6168	R 62 24	R 62.80	R 6336	R 63.92	R 64.49	R 65.05	R 65 61
1260	R 5494	1 R 55 50	R 56.07	R 56.63	R 57.19	R 57.75	R 5831	R 5887	R 59.43	R 59.99	R 60 56	R 6112	IR 61.68	R 62.24	R 62.80	R 63.36	R 63.92	R 64.49	R 65.05	R 6561
1255	R 5494	1 R 55.50	R 56.07	R 56 63	R 57.19	R 57.75	R 5831	R 5887	R 59.43	R 59 99	R 60 56	R 61 17	R 6168	R 52 24	R 62.80	R 6336	R 63.92	R 6449	R 65 05	R 6561
1250	R 5494		R 55 50 R 56.07	R 56.63	R 57 19	8 57.75	R 5831	R 5887	5887 R 5943 R 59.99 R 6056 R 61.12 R 61.68	R 59.99	R 6056	R 61.12	R 6168		R 62 24 R 62 80	R 6336	R 6336 R 6392	R 64.49	ี 85.05 ผ	R 65 61

Teichmann South Africa (Pty) Ltd Head Office 1 Flamboyant close, Glen Anil, 4051, South Africa, PO Box 40209 Redhill, 4071

Tel: +27 (31) 569 3170 Fax: +27 (31) 569 3145 Co. Registration number: 99/005673/07 Directors: K. Gibbs, G. Teichmann, J te Riele

M B

Mining Services - Kareevlei Mine 3 Shift

FUEL Price (ZAR/L) 13,50



, 1	DESCRIPTION					DATE DIETAL	FUEL CAP (L/Unit)	AMOUNT
EM	DESCRIPTION	UNIT	QUANTITY	RA	TE (DRY)	KAIE (WEI)	FUEL CAP (LIUIN)	CINCOLL
		·	1					
	Site Establishment & De-establishment	SUM	1	R	107 408,00			
1,2	Establishment		<del></del>					
1.4	Section Total							R
1.4	Section Total							
2	Mobilisation & De-Mobilization							
2,1	Mobilisation	SUM	1	R	453 250,00			
								R
2,3	Section Total		]					1
		· ·····						
3	Fixed Monthly Management Fee	Month	36	R	637 406,50			
3.1	P&G	WOTHE						R
3,2	Section Total	<u> </u>	<u> </u>					<del></del>
4	Load and Haul Waste and Ore	T						
4.1 1	50m from loading face	BCM	Rate Only	R	31,93	R 45.83	1,03	
412	100m from loading face	BCM	Rate Only	R	33.05	R 47,16	1,05 1,06	
41.3	150m from loading face	BCM	Rate Only	R	33.61	R 47,94 R 48,71	1,08	
414	200m from loading face	BCM	Rate Only	R	34,17 34,73	R 49.48	1,09	
4 1.5	250m from loading face	BCM BCM	Rate Only Rate Only	R	35,30	R 50.26	1,11	
4.16	300m from loading face	BCM	Rate Only	R	35,86	R 51.03	1,12	
417	350m from loading face 400m from loading face	BCM	Rate Only	R	36,42	R 51.80	1.14	·
418	450m from loading face	BCM	Rate Only	R	36,98	R 52 58	1.16	***************************************
41.10	500m from toading face	BCM	Rate Only	R	37,54	R 53,35	1,17 1,19	***************************************
4.1.11	550m from loading face	8CM	Rate Only	R	38,10	R 54,12	1,19	<del></del>
4 1 12	600m from loading face	BCM	Rate Only	R	38,66	R 55,67	1,22	
4 1 13	650m from loading face	BCM	Rate Only	R	39,23 39,79	R 56,44	1.23	
4114	700m from loading face	BCM BCM	Rate Only Rate Only	R	40,35	R 57.22	1,25	
4 1 15	750m from loading face	BCM BCM	Rate Only	R	40,91	R 57,99	1,27	
4.1 16	800m from loading face	BCM	Rate Only	R	41.47	R 58,76	1.28	
4.1 17	850m from loading face	BCM	Rate Only	R	42.03	R 59,54	1.30	
4.1 18	900m from loading face 950m from loading face	BCM	Rate Only	R	42.59		1,31	
4 1 19	1000m from loading face	BCM	Rate Only	R	43 15		1,33	<del></del>
4 1 21	1050m from loading face	всм	Rate Only	R	43,72		1,34	
4 1 22	1100m from loading face	BCM	Rate Only	R	44,28		1,38	
4 1 23	1150m from loading face	BCM	Rate Only	IR_	44.84		1,30	
4 1 24	1200m from loading face	BCM	Rate Only	R	45,40 45,96		1,4	
4 1.25	1250m from loading face	BCM	Rate Only	R	46,52		1.4	2
4 1 26	1300m from loading face	BCM BCM	Rate Only Rate Only	TR	47.08		1,4	\$
4.1 27	1350m from loading face	BCM	Rate Only	R	47,65			
4 1 28	1400m from loading face 1450m from loading face	всм	Rate Only	R	48,21	R 68.05		
4 1 20	1500m from leading face	всм	Rate Only	R	48.77			
4.1 31	1550m from loading face	BCM	Rate Only	R	49,33			
4 1 32	1600m from loading face	BCM	Rate Only	R	49,89			
4 1 33	1650m from loading face	BCM	Rate Only	- R	50,45			
4.1 34	1700m from loading face	BCM	Rate Only	R	51,01 51,57			
4 1 35		BCM BCM	Rate Only Rate Only	R	52,14			****
4 1 36		BCM	Rate Only	R	52.70	4		0
4 1 37		BCM	Rate Only	R	53 26			
4 1 38		BCM	Rate Only	R	53,83			
4.1.39		всм	Rate Only	R	54,3			
4 1.41		BCM	Rate Only	R	54,9			
4 1 42		BCM	Rate Only	R	55,5			
4 1 43		BCM	Rate Only	R	56.0°	7 R 78.8 3 R 79.6		
4 1 44		BCM	Rate Only	R	57,1			
4 1 45		BCM BCM	Rate Only Rate Only	R	57.7			
4.1.46		BCM	Rate Only	R	58,3		7 1.3	
4 1 47		BCM	Rate Only	R	58,6			
4 1 48		BCM	Rate Only	R	59.4			
4 1 49		8CM	Rate Only	R	59.9			
4 1 51		всм	Rate Only	R	60,5			B2
4 1 52		BCM	Rate Only	R	61.1			85
4 1 53		всм	Rate Only	R	61.6			86
4 1 54		BCM	Rate Only	R		4 R 87,3		88
4 1 55	2750m from loading face	BCM	Rate Only	R		6 R 88.9		89
4 1 50		BCM	Rate Only Rate Only	R		2 R 89,7		91
4 1 57		BCM BCM	Rate Only	R		9 R 90,4		93
	3 2900m from loading face	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		R	65,0			94
4 1 59		1.55.324	Mate (mov	1 1				
4 1 59	3 2950m from loading face	BCM BCM		R	65.6		)2 1.	96
	3 2950m from loading face						1.	96 R

<u> </u>		100m	150m	200m		250m	300m	350m	400m	450m	500m	550m	600m	650m	n 700m		750m	800m	850m	900m	950m	1000m
		- 1	- 1	Ľ	2002	24 95	02.35	30 30 0	C N 25 43	80 95 4 68	27 KZ	å	38 10 8 38	38 KG   R	39.73   8	39 79 R	40.35	8 40.91	8 41 47	R 42.03	R 42.59	8 43.15
1380	8 32,49 8 23.69	33,05	19'55 N	z   cc	34.17	ł	<u>د</u> م	2 02	4 66	: 62	~	. 02	<u>~</u>	×			1	1	ŧ	R 42	1	1
	37.49	1	1	cc	34.17	1	22	ļ cz	œ	F2.	<del> </del>	ce	2	38,66 R	39,23 R	39,79 R	40,35	R 40,91	R 41.47	R 42,03	R 42,59	R 43,15
	1	1	~	œ	34,17	1	az	æ	36 R 35,42	42 R 36,98	38 R 37,54	æ	38,10 R 38	38,66 R	39,23 R	39,79 R	40,35	R 40,91	R 41,47	R 42,03	R 42.59	R 43,15
	1	R 33.05	R 33,61	ex	34,17	R 34,73	3 8 35,30	0 R 35,86	36 R 36,42	42 R 36,9B	æ	37,54 8 38	38,10 R 38	38,66 R	39,23 R	39,79 R	40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
	i	1	Œ	ex	34,17	R 34,73	3 8 35.30	2	36 8 36,42	42 R 36,98	æ	37,54 8 38,	38,10 R 38	38,66 R	39,23 R	39.79 R	40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
	32.49	1	=	æ	34,17	į	a	œ	35 R 36,42	42 R 36,98	22	37,54 R 38	38,10 R 38	38,66 R	39,23 R	39,79 R	40,35	R 40,91	R 41.47	R 42,03	R 42.59	R 43,15
	32.49	1	œ	œ	34,17	R 34,73	3 8 35,30	0 R 35,86	36 R 36,42	42 R 36,98	œ	37.54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	R 41,47	R 42,03	R 42.59	R 43,15
	37.49	!	æ	æ	34.17	R 34,73	3 8 35,30	Œ	35 R 35.42	42 R 36,98	αz	37,54 R 38	38,10 R 33	38,66 R	39,23 R	39,79 R	32,05	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
	32.49		+	æ	34.17	R 34,73	3 4 35,30	0 R 35,86	35 R 36,42	42 R 36,98	a:	37,54 R 38	38,10 R 3	38,56 R	39,23 R	39,79	R 40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
		1	œ	~	34,17	R 34,73	3 8 35.30	œ	35 R 36,42	42 R 36,98	2	37,54 R 38	38,10 R 31	38,66 R	39,23 R	39,79	R 40,35	R 40,91	R 43,47	R 42,03	R 42,59	R 43,15
		ł	<u>~</u>	œ	34,17	R 34,73	3 8 35,30	ac	œ	36,42 R 36,98	æ	37,54 R 38	38,10 R 3	38,66 R	39,23   8	39,79	R 40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
	1	1	α.	æ	34,17	R 34,73	3 8 35.30	0 R 35,86	12.	36,42 R 36,98	æ	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	R 41.47	R 47,03	R 42,59	R 43,15
٠	ı	1	œ	<u>~</u>	34.17	R 34,73	3 8 35,30	0 R 35,86	œ	36,42 R 36,98	œ	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
	1	1	×	≃	34,17	R 34,73	3 R 35,30	0 R 35,86	œ	36,42 R 36,98	æ	37,54 8 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
			œ	æ	34.17	R 34,73	3 8 35,30	0 R 35,86	æ	36,42 R 36,98	R 37	54 R	38,10 R 3	38,56 R	39,23 R	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
l			~	œ	34.17		œ	~	~	36,42 R 36,98	×	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
_1	į	1	α.	a:.	34.17	ł	3 8 35,30	0 R 35,86	α.	36,42 R 36,	36,98 R 37,	54 8	38,10 R 3	38,66 R	39,23   8	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
	ł	1	Œ	æ	34,17	1	nz:	Œ	æ	36,42 R 36.	36.98 R 37	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	F 41,47	R 42,03	R 42,59	R 43,15
J	R 37.49	R 33.05	R 33.61	ď	34,17	R 34,73	3 R 35,30	æ	35,86 R 36	36,42 R 36,	36.98 R 37	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	R 41,47	8 42,03	R 42,59	R 43,15
	1	1	Œ	- <del>-</del>	34.17	R 34,13	3 R 35,30	0 R 35,86	œ	36,42 R 36,	36,98 R 37	37,54 R 38	38,10 R 3	38.55 R	39,73 8	39,79	R 40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
			ď	ď	34.17	i	œ	æ	æ	36,42 R 36,	36,98 R 37	37,54 R 38	38,10 R 3	38,65 R	39,23 R	39,79	R 40,35	R 40,91	8 41,47	R 42,03	R 42,59	R 43,15
	1	1	α	~	34.17	1	22	œ	æ	36,42 R 36.	36,98 R 37	37,54 R 38	38,10 R 3	38,65 R	39,23 R	39,79	R 40,35	R 40,91	R 41,47	R 42,03	R 42,59	R 43,15
	i	ì	Ξ	<u>~</u>	14 17	1	æ	×	æ	36,42 R 36,	36,98 R 37	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	8 41,47	, R 42,03	R 42,59	R 43,15
	3	1	: c	+	34.17	Į	==	Œ	æ	36,42 R 36,	36,98 R 37	37,54 R 38	38,10 R 3	38,66 R	39,23 R	39,79	R 40,35	R 40,91	R 41,47	, R 42,03	R 42,59	R 43,15
	ŧ	1	<u> </u> ==	<del></del>	34,17	R 34,73	3 R 35,30	18,25, H 08	86 R 36,	42 R	36,98 R 37	37,54 R 38	38,10 R 3	38,65 R	39,73 R	39.79	R 40,35	R 40,91	R 41,47	R 42,03	R 42,59	×
	ł	ì	ļ.	-			Ĺ		-							20. 20	30 00 0	.000		50 50 50	מי כל	72 72

	Distance	Distance From Loading Face 1050 - 2000m	ng Face 10	50 - 2000	£					A					ſ					2004
	1050m	1100m	1150ш	1200m	1250m	1300m	1350m	1400m	1450m	1500m	1550m	1600m	1650m	1700m	1750m	1800m	1850m	wnns.	White I	Z.O.O.S.
Elevation	R/BCM										-				1			Ľ	- 1	,
1380	R 43.72	R 44.28	R 44.84	R 45,40	R 45.96	R 46,52	R 47.08	R 47,65	R 48.71	R 48,77	R 49,33	R 49,89	R 50,45	R 51,01	R 51,57	R 52,14	K 52.70	<u> </u>	K 53,82	×
2 1	0 43.72	Ļ	44.80	P 45 40	R 45.96	R 46.52	R 47.08	R 47,65	R 48,21	R 48,77	R 49,33	R 49,89	1 R 50,45	R 51,01	R 51,57	R 52,14	8 52,70	R 53,26	R 53,82	R 54,38
C/CT	- 1		V0 VV	D 45 40	1 22	_ cz	ľ	~	R 48.21	R 48,77	R 49,33	R 49,89	R 50,45	R 51,01	R 51,57	8 52,14	R 52,70	R 53,76	R 53,87	R 54,38
3767	0 43.72		64 8A		<u> </u>	\ a	œ	æ	R 48,21	R 48,77	R 49,33	R 49,89	R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
COCT	1	2 2	44.84	R 45 40	cz	~	ľ≃	₩-	R 48,21	R 48,77	R 49,33	R 49,89	3 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
0000	1	c 0	1		: α	œ	2	~	R 48,21	R 48,77	R 49,33	R 49,89	3 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,76	R 53,87	R 54,38
0000	- 1	ه ا	ے ا		:   ~	22	62	œ	R 48.23	R 48,77	R 49,33	R 49,89	9 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	ล 53,82	R 54,38
2565	0 63 73	۵ ۵	<u> </u>		:   ~	( a	a	+	R 48,21	R 48,77	R 49,33	R 49,89	3 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,87	R 54,38
CACA		2 2			α	-	œ	ļ	R 48,21	R 48,77	R 49,33	R 49,89	9 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,87	R 54,38
2000		: 0	44.84		~	~	æ	R 47,65	R 48,21	R 48,77	R 49,33	R 49,89	3 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	×
0001		د د			e e	œ	œ	α:	R 48,21	R 48,77	R 49,33	8 R 49,89	3 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
0001	Į	£ 6	1		a	CC.	a	8 47.65	R 48,21	R 48,77	, R 49,33	1 R 49,89	9 R 50,45	R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
5751	- 1	2 6	<u> </u>		: α	: α	=	=	~	R 48,77	R 49,33	3 R 49,89	9 R S0,45	R 51.01	R 51,57	R 52,14	F 52,70	R 53,26	R 53,82	R 54.38
0751	- 1	4	<u>د</u>   ه	c   a	: a	í	l =	α	+	R 48.77	7 R 49,33	3 R 49,89	9 R 50,45	R 51.01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
1310	57,C4 A	< n		:   =	í í	2	~	3 R 47,65	8	R 48,77	7 R 49,33	8 R 49,89	9 R 50,45	R 51,01	R 51,57	R 52,14	я 52,70	R 53,26	я 53,82	В 54,38
OTCT		: 0	<u> </u>	: a	۵	ļ~	<u>_</u>	ď	8 48.21	R 48,77	7 8 49,33	3 R 49,89	9 R 50,45	R 51,01	R 51.57	R 52,14	R 52,70	R 53,26	В 53,82	R 54,38
1305	77 th A	e =	٥ ۵	- a	: 2		: c:	œ	~	R 48,77	7 R 49,33	3 R 49,89	9 R 50,45	R 51,01	R 51,57	R 52,14	F 52,70	R 53,26	R 53,82	R 54,38
1300	ŧ	< 0	2 2	<u>ه</u> ا ع	: 0	: α		=	æ	R 48,77	7 R 49,33	3 8 49,89	9 R 50,45	1 R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	R 54,38
1293	A 43,72	< 12	( 2	įα	α:	~	Œ	Œ	5 R 48,21	R 48,77	7 R 49,33	3 R 49,89	9 R 50,45	8 R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	œ
7861	Į.	: 2		<u> </u> =	<u> </u>	6 R 46,52	2 R 47,08	8 R 47,65	5 R 48,21	R 48,77	7 R 49,33	3 R 49,89	9 R 50,45	, R 51,01	R 51,57	R 52,14	α¢	œ	œ	æ
000	- 1	ı a	ď	α	α.	6 R 46.52	2 R 47,08	8 R 47,65	5 R 48,21	R 48,77	7 R 49,33	3 R 49,89	9 R 50,45	5 R 51,01	R 51,57	R 52,14	R 52,70	) R 53.26	~	~
1200	}	: 2	- a		l oz	2	2 R 47.08	8 R 47,65	S R 48,21	R 48,77	7 R 49,33	3 R 49,89	.9 R 50,45	5 R 51,01	R \$1,57	R 52,14	R 52,70	R 53,26	, R 53,82	22
257	1	- 0	: 0	- 12	·   r=	~	α	8 R 47.65	S R 48,21	I R 48,77	7 R 49,33	3 8 49,89	9 R 50,45	5 R 51,01	R 51,57	R 52,14	R 52,70	R 53,26	R 53,82	2 R 54,38
1270			ء م	2 3		: 00	α.	i a	22	R 48.77	7 R 49,33	3 R 49,89	19 R 50,45	5 R 51,01	R 51,57	R 52,14	R 52,70	) R 53,26	R 53,82	2 R 54,38
1265	ı	2 0	= =	ء اء	ء ا	: 0	_	2	α	æ	7 R 49,33	3 R 49,89	9 R 50,45	5 R 51,01	I R 51,57	8 52,14	R 52,70	J R 53,26	, R 53,82	2 R 54,38
1260	- 1	×   4	10 to 0	ء   ء	= 0	: 0	10	<u> </u>	2	cc	7 8 49.33	3 R 49,89	39 R 50,45	S R 51,01	I R 51,57	R 52,14	I R 52,70	) R 53,76	R 53,82	2 R 54,38
1255	K 43,72				5,000			ء إ	ء ا	٥	۵	2 89 89	19 R 50 45	S R 51.01	R 51.57	R 52,14	1 8 52,70	3 R 53,26	s R 53.82	2 R 54,38
1250	R 43,72	2 R 44,28	R 44,84	R 45,40 K	1 K 45,5	45,96 K 40,5,	40,52 H 47,09			1	1	-				-				

MM

	Distance	Distance From Loading Face 2050 - 3000m	ing Face 20	50 - 3000r	u			1	J. 11.0	-							2.02	20000	2000	20000
	2050m	2100m	2150m	2200m	250m	2300m	2350m	2400m	2450m	2500m	2550m	2600m	Z650m	1270Um	mns/7	unnez!	TO SOUTH	(200III	432011	10000
Elevation	R/BCM					204701000	A		- 1	- 1		L	;		1	1	$\vdash$	0 64 40	20 25 0	B 65.61
1380	R 5494	I R 55.50	R 56.07	R 56,63	R 57,19	R 57,75	R 58,31	R 58,87	R 59,43	R 59,99	R 60,56	R 61,17	R 61,68	¥ РУ	r.	×	e .	٤	-1	i
2 2 2 2	i	٥	۵	8 56.63	R 57.19	R 57.75	R 5831	R 58,87	R 59,43	R 59,99	R 60,56	R 61,12	R 61.68	R 62,24	ห 62,80	R 63,36	R 63,92	R 64,49	K 65,05	K 65,61
13/5		٥	ء ا	1	ı	_~	<u> </u> =	R 58.87	R 59,43	R 59,99	R 60,56	R 61,12	R 61.58	R 62,24	R 62,80	R 63,36	R 63.92	R 64,49	R 65,05	R 65,61
13/0	- 1	=	٥ م		57.10	<u> </u>	_	ŧ	R 59,43	R 59,99	R 60,56	R 61,12	R 61,68	R 62,24	R 62,80	R 53,36	R 63,92	R 64.49	R 65.05	R 65,61
1365	- 1		s   s	1	57,10	n	~	1	R 59.43	R 59.99	R 60,56	R 61,12	R 61,68	R 62,24	R 62,80	R 63,36	R 63,92	R 64,49	R 65.05	R 65,61
1360	- 1	= (	c   c	۵ ۵		۵.	: ::	1	5.0	R 59.99	R 60,56	R 61,12	R 61.68	R 62,24	R 62,80	R 63,36	R 63,92	R 64.49	R 65,05	R 65,61
1355	t	<u> </u>	z   i	r   4	ì	4 2	2	1	5	ļ	æ	R 61,12	R 61.68	R 62,24	R 62,80	R 63,36	я 63,92	R 64,49	R 65,05	R 65,61
1350	- 1	× .	<u> </u>	z   6	e   6	c   a	1-	ł	5		+	R 61,12	R 61,68	R 62.24	R 62,80	R 63,36	R 63,92	R 64,49	R 65,05	R 65.61
1345	3	× .			ء ا	1	α	1	1	1	<u> </u> ~	R 61,12	R 61,68	R 62,24	R 62,80	R 63,36	В 63,92	R 64,49	R 65,05	R 65,61
1340		2 5	2 0	ه ا د	2 0	<u> </u>	: 02	ì	2	1	R 60,56	R 61.17	R 61,68	R 62,24	R 62,80	R 63,36	В 63,92	R 64,49	R 65,05	R 65,61
1335	- 1	<u>ب</u> ا	2 0	c c	: 0	٥	2 2	1	ļ	R 59.99	R 60.56	R 61,12	H 61,68	R 62,24	R 62,80	R 63,36	R 63,92	R 64,49	R 65,05	R 65,61
1330	- 1	<u> </u>	٤	z	: 4	٠	: 0				~	R 61.12	8 61.68	8 R 62.24	R 62,80	R 63,36	R 63,92	R 64,49	R 65,05	я 65,61
1325	- 1	œ	æ	× .	× .	z :	ء اء	1	1	:   a	2	α.	α	25	R 62,80	R 63,36	В 63,92	R 64.49	R 65,05	R 65,61
1320	i	<u>~</u>	cz	<u>~</u> .	×	x c	20,51	1	ł	: 0	α	Ω.	×	<u>~</u>	æ	o:	я 63,92	R 64,49	R 65,05	R 65,61
1315	R 54,94	×	~	<u> </u>	×	£ 0	واء	1	i	٥ ا	10	a	œ	R 62.24	R 62,80	R 63,36	R 63,92	R 64,49	R 65,05	R 65,61
1310	R 54,94	œ	œ	œ	æ	202	يا_ـــ	= 0	- 1	ء ا	<u>-   c</u>	ı a	a	-	R 62	<u>~</u>	ιx.	R 64,49	R 65,05	R 65,61
1305	R 54,94	4 R 55,50	æ	œ	œ	×	¥ (	٤ (	ļ	4 4	<u>ا</u>	£ 0	2	a a	4	_=	R 63.97	R 64,49	R 65,05	R 65,61
1300	R 54,94	4 R 55,50	R 56,07	R 56,63	R 57,19	3 R 57,75	×	¥		=	-	٠	4	-   -		٥	4	┰	B 65 OC	R 65.61
1295	R 54.94	4 R 55,50	R 55,07	R 56,63	R 57,19	9 R 57,75	R 58,31	R 58,87	R 59,43	æ	œ	~	×	¥	2 S	= 6	٤١	4	<u> </u>	10
1390	1	=	R 56,07	R 56,63	R 57,19	3 R 57,75	R 58,31	R 58,87	R 59,43	R 59,99	3 R 60,56	5 R 61,12	œ	ĸ.	~	×	٤	¥ .	د ا	، اے
1785	ì	] œ	1 R 56,07	R 56,63	R 57,19	3 R 57,75	R 58,31	R 58,87	R 59,43	R 59,99	3 R 60,56	~	æ	cr.	8 62	=	x s	× 4	z   5	2 د
Cart	1	α	1 R 56.07	R 56.63	R 57.19	9 R 57,75	R 58,31	R 58,87	R 59.43	8 59,99	3 R 60,56	6 R 61,12	2 R 61,68	8 R 62,24	1 R 62,80	н 53,35	z	<u>~</u>	2	<u>.</u>
7227	i	: 0	; c	α	l cz	¤	R 58.31	R 58,87	R 59,43	R 59,99	3 R 60,56	6 R 61,17	7 R 51,68	8 R 62,24	1 R 62,80	R 63,36	5 R 63.92	2 R 64,49	<u>~</u>	œ .
1772	- 1	ء د	: 2	: 6	α	2	α	~	R 59,43	R 59,99	3 R 60,56	6 R 61,12	2 R 61,68	8 8 62,24	4 R 62,80	В 63,36	5 8 63,92	2 R 64,49	9 R 65,05	R 65,61
12/0	- 1	z (	ء د	ء اء	٥	a	e e	æ	R 59.43	R 59.99	9 R 60,56	6 R 61,12	2 R 61,68	8 R 62,24	4 R 62,80	IR 63,36	5 R 63,92	2 R 54,49	B R 65,05	R 65,61
1265	ı	z .	<u> </u>	2 3	٥	٥	: a		1		9 R 60.56	6 R 61,12	2 R 61,68	8 R 62,24	4 R 62,80	) R 63,36	5 R 63,92	2 R 64,49	3 R 65,05	R 65,61
1260	- 1	×	z	2	عاء	ء   د	2 0	a	α	~	9 R 60.56	6 R 61,12	R 61	8 R 62,24	4 R 62,80	J R 63,36	5 R 63,92	2 R 64,49	9 R 65,05	R 65,61
1255	R 54,94	۳	×	=	<u> </u>		70,20,	1	:   0	٥	۵	٩	2 R 61 68	R R 62.24	4 R 62.80	R 63.36	5 R 63,92	2 R 64,49	3 R 65,05	R 65,61
1250	R 54,94	34 R 55,50	J R 56,07	R 56,63	œ	57,19 R 57,75	57,75   R 58,31	K 58.8/	X 39,45	٤	4	]								

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# Dayworks Rates

Caterpillar 349E Excavator	R 929,49
Caterpillar 374E Excavator	R 1 642,29
Bell B30 ADT	R 704,31
Bell B45 ADT	R 1 100,52
Caterpillar D6 Bulldozer	R 723,67
Caterpillar D8 Bulldozer	R 1 188,21
Caterpillar 140H Grader	R 712,28
Caterpillar 320E Excavator	R 437,60
Bell B20 Watercart	R 642,80
Crane Truck	R 369,97

# Pecker Rate

	Caternillar	320E	Excavator +	Hammer	R	699,48	ĺ
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