

NAME OF APPLICANT:

Stilbaai Sand en Klip (Pty) ltd trading as VSV Plant Hire cc

REFERENCE NUMBER:

DRAFT MINING WORK PROGRAMME

May 2025

Submitted for

A ROCK AND GRAVEL MINING RIGHT APPLICATION

With respect to

**PORTION 46 (A PORTION OF PORTION 23) FARM BUFFELS
FONTEIN 435, MAGISTERIAL DISTRICT OF ALBERTINIA,
WESTERN CAPE**

**As required in terms of Section 23 (a), (b) and (c) read together with
Regulation 11(1)(g) of the Mineral and Petroleum Resources
Development Act (Act 28 of 2002)**



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

STANDARD DIRECTIVE

All applicants for mining rights are herewith, in terms of the provisions of Section 23 (a), (b) and (c) and in terms of Regulation 11 (1)(G) of the Mineral and Petroleum Resources Development Act, directed to submit an Mining Work Programme, strictly under the following headings and in the following format together with the application for a mining right.

1. REGULATION 11.1(a): FULL PARTICULARS OF THE APPLICANT

ITEM	COMPANY CONTACT DETAILS
Company Name	Stilbaai Sand en Klip (Pty) Ltd trading as VSV Plant Hire cc
Registration Nr	2018/228583/07
Physical Address	Farm Klein Soebattersvlakte, Riversdale, 6670
Contact Person	Mrs Mariaan Gelderblom
Postal Address	PO Box 687, Riversdale 6670
Phone	028 754 3320
Fax	-
E-mail	mariaan@vsvgroup.co.za
Banking Details	Stilbaai Sand en Klip (Pty) Ltd. FNB Current account 62813699818

ITEM	CONSULTANT CONTACT DETAILS (if applicable)
Company Name	Not applicable
Physical Address	
Contact Person	
Postal Address	
Phone	
Fax	
E-mail	

2. REGULATION 11(1) (b): PLAN SHOWING THE LAND AND MINING AREA TO WHICH THE APPLICANT RELATES (The plan required in term of Regulation 2(2))

Refer to Appendix 1 and Appendix 2

3. REGULATION 11(1) (c): THE REGISTERED DESCRIPTION TO WHICH THE APPLICANT RELATES

Portion 46 (A Portion of Portion 23) Farm Buffels Fontein 435, Hessequa Municipality, closest town Albertinia

4. REGULATION 11(1)(d): THE DETAILS OF THE IDENTIFIED MINERAL DEPOSIT

4.1 Resource Particulars

ITEM	DETAIL
-------------	---------------

Types of Mineral	Gravel and stone																											
Locality (Direction and distance from nearest town)	Albertinia																											
Extent of the area required for Mining	<p><u>Property Size:</u> 88.74Ha</p> <p><u>Proposed Mining Activities and Quarry Size:</u></p> <ul style="list-style-type: none"> - 9ha Open pit mine area (of which 2.7ha is existing mining permit areas currently being mined and 6.3ha proposed quarry expansion area) - 4ha Other mining activities area (existing offices, shed, ablution, brick yard, stockpile areas, access and internal roads, crusher and screening plants) <p><u>GPS corner points of proposed 13Ha:</u> (must be provided by land surveyor and be in degrees minutes and seconds)</p> <table border="1"> <tr> <td>N</td> <td>34° 12' 49.12320"S</td> <td>21° 36' 35.25790"E</td> </tr> <tr> <td>P</td> <td>34° 12' 48.23410"S</td> <td>21° 36' 41.03270"E</td> </tr> <tr> <td>Q</td> <td>34° 12' 47.29120"S</td> <td>21° 36' 43.13690"E</td> </tr> <tr> <td>R</td> <td>34° 12' 47.08400"S</td> <td>21° 36' 44.59060"E</td> </tr> <tr> <td>S</td> <td>34° 12' 43.32610"S</td> <td>21° 36' 35.25790"E</td> </tr> <tr> <td>T</td> <td>34° 12' 51.27950"S</td> <td>21° 36' 59.95230"E</td> </tr> <tr> <td>U</td> <td>34° 12' 55.09220"S</td> <td>21° 37' 59.53980"E</td> </tr> <tr> <td>V</td> <td>34° 12' 51.78410"S</td> <td>21° 36' 40.06690"E</td> </tr> <tr> <td>W</td> <td>34° 12' 52.11520"S</td> <td>21° 36' 35.80300"E</td> </tr> </table>	N	34° 12' 49.12320"S	21° 36' 35.25790"E	P	34° 12' 48.23410"S	21° 36' 41.03270"E	Q	34° 12' 47.29120"S	21° 36' 43.13690"E	R	34° 12' 47.08400"S	21° 36' 44.59060"E	S	34° 12' 43.32610"S	21° 36' 35.25790"E	T	34° 12' 51.27950"S	21° 36' 59.95230"E	U	34° 12' 55.09220"S	21° 37' 59.53980"E	V	34° 12' 51.78410"S	21° 36' 40.06690"E	W	34° 12' 52.11520"S	21° 36' 35.80300"E
N	34° 12' 49.12320"S	21° 36' 35.25790"E																										
P	34° 12' 48.23410"S	21° 36' 41.03270"E																										
Q	34° 12' 47.29120"S	21° 36' 43.13690"E																										
R	34° 12' 47.08400"S	21° 36' 44.59060"E																										
S	34° 12' 43.32610"S	21° 36' 35.25790"E																										
T	34° 12' 51.27950"S	21° 36' 59.95230"E																										
U	34° 12' 55.09220"S	21° 37' 59.53980"E																										
V	34° 12' 51.78410"S	21° 36' 40.06690"E																										
W	34° 12' 52.11520"S	21° 36' 35.80300"E																										
Extent of the area required for infrastructure, roads, servitudes etc...	13 Hectares (Mining Activities Area) (includes all activities associated with the proposed mining such as site establishment, demarcations, excavations, any vehicular movements, access and internal roads, topsoil and overburden storage, implementation of rehabilitation measures etc.)																											
Maximum depth below surface	50m																											
Minimum depth below surface	1m																											
Geological Formation	The geology of the proposed mining area is quartzitic sandstone of the Table Mountain Group. The resource exists across the entire application area and stone exists from surface (or just below surface) to a depth below what would be possible to mine. There is no significant variation in the resource across the entire application area.																											

4.2 Detail of person that compiled the resource statement

ITEM	DETAILS
Name	Johann Lanz
Qualifications	Soil Scientist
Experience	20 years
Professional Body (if registered)	Pri.Sci.Nat.
Registration number (if applicable)	400268/12

4.3 Locality Specific Geological Map (in colour)

Refer to geological maps and geological report as attached as Appendix 3 of the MWP. The general soil types and geology for the site falls under EB, which is soils with minimal development, usually shallow on hard or weathering rock, with or without intermittent diverse soils. Lime generally present in part or most of the landscape. The geology of the proposed mining area is quartzitic sandstone of the Table Mountain Group. The resource exists across the entire application area and stone exists from surface (or just below surface) to a depth below what would be possible to mine. There is no significant variation in the resource across the entire application area.

4.4 Exploration result (supporting geological reports to be listed and appended)

The geology of the proposed mining area is quartzitic sandstone of the Table Mountain Group. The resource exists across the entire application area and stone exists from surface (or just below surface) to a depth below what would be possible to mine. There is no significant variation in the resource across the entire application area as confirmed by Soil Scientist Johann Lanz in the Geological Report conducted refer to Appendix 3.

4.5 Information required in terms of Regulation 8(in case where the application was preceded by a prospecting right)

Not applicable – application was not preceded by a prospecting right.

4.6 Mineral Resource Map

Refer to Appendix 2 Regulation 42 Mine Layout Map and Appendix 3 Geological Maps. The geology of the proposed mining area is quartzitic sandstone of the Table Mountain Group. The resource exists across the entire application area and stone exists from surface (or just below surface) to a depth below what would be possible to mine. There is no significant variation in the resource across the entire application area as confirmed by Soil Scientist Johann Lanz in the Geological Report conducted refer to Appendix 3

4.7 Resource Statement

Table 1. Expected reserve.	
Mining depth (m)	31-63
Depth of topsoil required for rehabilitation (m)	0
Available mining area that has not yet been mined (ha)	8.0
Expected reserve volume (m ³)	3 200 000

5. REGULATION 11(1) (e): THE DETAILS OF THE MARKET FOR, THE MARKETS REQUIREMENTS AND PRICING IN RESPECT OF THE MINERAL CONCERNED

5.1 A list of product and their proportionate quantities

Table 2: Product grades produced at the sand mine

Grade	Uses	Annual Consumption (m ³)		Price Range*
		Local/Regional	Export	
INDICATE TYPE AND GRADE/S OF MATERIAL MINED	Indicated for what uses the different types of sand grades can be used	Indicate annual expected amount of sand and stone to be mined for local/regional use	Indicate annual expected amount of sand and stone to be mined for export/ if any	Indicate expected price range per m³
19mm stone	Used for making concrete, drainage and cavity filling and garden landscaping	10 666		R290
13mm stone	Used for making concrete, drainage and cavity filling and Garden landscaping.	10 666		R290
G4	Road building	10 666		R270
G5	Road building	10 666		R240
G7	Road building	53 333		R80
Crusher dust	Used for toppings, filling and part of mix for masonry products. Used under paving.	10 666		R170
TOTALS		106666		

5.2 Market for each specific products in terms of Local, Regional, or International (export)

The usual market for mined materials is restricted to local and regional buyers. These are utilized in the local civil construction and building supply industries.

5.3 Summary of product consumers

Table 3: Product grades produced at the mine and main customers.

Grade	Customers
VARIOUS	Asla construction
VARIOUS	Entsha Henra
VARIOUS	Langeberg concrete

<i>VARIOUS</i>	<i>Tau Pele Construction</i>
<i>VARIOUS</i>	<i>Urhwebo e Transand</i>
<i>VARIOUS</i>	<i>Langeberg Konstruksie</i>
<i>VARIOUS</i>	<i>Meyer Beton</i>
<i>VARIOUS</i>	<i>Tretsom Bouers</i>
<i>VARIOUS</i>	<i>Wafuma Projects</i>
<i>VARIOUS</i>	<i>Garden Route Sands</i>
<i>VARIOUS</i>	<i>Moss Bricks</i>
<i>VARIOUS</i>	<i>Buffelsfontein stene</i>
<i>VARIOUS</i>	<i>Local builders</i>
<i>VARIOUS</i>	<i>Shoval Bricks</i>

Aggregates will be sold to civil construction companies and local building suppliers.

5.4 Summary of customer specifications and details of any proposed beneficiation of the products

<i>Grade</i>	<i>Uses</i>	<i>Beneficiation</i>
<i>19mm stone</i>	<i>Used for making concrete, drainage and cavity filling and garden landscaping</i>	<i>The specifications of the aggregate will differ from place to place across the mining area and will be sold according to requirements of the customer. The only beneficiation which may take place will be the crushing of the raw material before it is loaded on trucks for transport to the customers. This will be performed in the mining area with mobile crushers.</i>
<i>13mm stone</i>	<i>Used for making concrete, drainage and cavity filling and Garden landscaping.</i>	
<i>G4</i>	<i>Road building</i>	
<i>G5</i>	<i>Road building</i>	
<i>G7</i>	<i>Road building</i>	
<i>Crusher dust</i>	<i>Used for toppings, filling and part of mix for masonry products. Used under paving.</i>	

5.5 Summary of infrastructure requirement such as road rail way, electricity and water

Stilbaai Sand en Klip is already and currently in production, therefore no new infrastructure is required.

5.6 Summary of other information applied that may influence price, e.g exchange rate, duties, barriers etc.

The domestic price for the aggregate is affected by supply and demand, inflation and price increases of consumables, such as fuel price.

5.7 The price to be used in the cash flow forecast

Current prices being achieved from the sale aggregates are used in the financial forecast and are detailed in the table.

Prices at point of collection per m3										
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
19mm stone	R290	296	302	308	314	320	327	333	340	347
13mm stone	R290	296	302	308	314	320	327	333	340	347
G4	R270	275	281	287	292	298	304	310	316	323
G5	R240	245	250	255	260	265	270	276	281	287
G7	R80	82	83	85	87	88	90	92	94	96
Crusher dust	R170	173	177	180	184	188	191	195	199	203

5.8 Confirmation that a specialist market analysis is attached as an appendix which explain the assumption made and how the price was determined

Specialist market analysis has not been done but the current mining operations on the property have been in production for several years with an ongoing demand for the product and existing customer/client base, therefore no market analysis for this specific site is required.

6. REGULATION 11(1) (f): THE DETAIL WITH THE REGARD OF THE APPLICABLE TIMEFRAME AND SCHEDULING OF THE VARIOUS IMPLEMENTATION PHASES AND A TECHNICALLY JUSTIFIED ESTIMATE OF THE PERIOD REQUIRED

6.1 Time frames and scheduling of the implementation phases

6.1.1 Explanation of time taken to develop the mine and commence production.

The estimated time frame for the proposed mining of the additional mining expansion area on the applicable property is \pm 30 years.

6.1.2 Explanation of the production build up period once production commences

Not applicable, no production build up needed mining already taking place under current mining permit since 2022.

6.1.3 Explanation of production decline period (as grades deteriorate).

Not applicable, grades are not expected to deteriorate.

6.1.4 Production forecast for each year over the full period applied for based on the above explanations. (Not Life of Mine Calculation).

Please refer to table

Production forecast per m3										
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
19mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
13mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G4	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G5	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G7	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333
Crusher dust	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
	Year 11	Year 12	Year13	Year14	Year 15	Year 16	Year17	Year 18	Year 19	Year 20
19mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
13mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G4	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G5	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G7	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333
Crusher dust	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
19mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
13mm stone	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G4	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G5	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666
G7	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333	53 333
Crusher dust	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666	10 666

6.2 Technically justified estimate of the period required

(Description of the rate of production, estimated payable reserve ratio, efficiency factors and extraction rates, relative to available resources to justify the period applied for)

RESERVES	PRODUCTION RATE	LOM
3 200 000 m ³	Minimum of 106 666m ³ per year	30 years

7. REGULATION 11(1)(g)(i): THE DETAILS WITH REGARDS TO THE COSTING OF THE MINING TECHNIQUE, MINING TECHNOLOGY AND PRODUCTION RATES (excluding labour and capital)

7.1 Mine Design Map (include a high level map indicating the basic mine design and schematic mining schedule)

Refer to Appendix 2 mine layout maps indicating proposed 1ha mining blocks over a total area of 8ha. Mining is proposed in ±1ha blocks. As mining proceeds stabilization of the adjacent and preceding 1ha blocks must be underway before mining of the next 1-2ha blocks can continue.

7.2 Description of the Mining method's impact on operating cost

7.2.1 Basic overview of the mining Method

The expansion of existing rock and gravel mining activities are proposed on Portion 46 (a Portion of Portion 23) of the Farm Buffels Fontein 435 near Albertinia. The existing mining site is situated near the town of Albertinia in the Western Cape, just south of the N2 highway from Cape Town to Mossel Bay. There is an existing quarry on the property where expansion of the open pit mine is envisaged. The existing quarry will be central in the expanded open mine and will be one of the blocks to be mined further. Hard sandstone rock was encountered at shallow depth in the existing quarry, hence the need for a crushing plant to process the excavated material on site.

Mining is conducted by making use of a front-end loader and excavator to excavate the rock and gravel. Topsoil is removed first for rehabilitation purposes. Blasting is used for the removal of rocks as and if required. The methods required for mining include blasting operations, drilling operations and manual digging pile operations. In actual production, it is decided by management which operating method to use based on the hardness of the raw materials at the specific site. If the raw rock is hard, blasting and drilling are performed; if the rock is soft, it will be stripped directly with an excavator. The excavated materials are hauled to the crushing and screening plants located on site where it is crushed, screened and stockpiled ready for dispatch. Mined materials are also used at the brickyard on site to manufacture pavers.

Mining excavations are to be conducted at a maximum depth of 31-63m bgl ("below ground level") and not below groundwater level. If groundwater level is reached above 31-63m bgl excavations will not continue further. To date mining activities has not reached groundwater level. The open pit mine will eventually cover an area of approximately 9ha, stretching from east to west. The natural slope of the site is approximately 1:50 (2%) down from east to west, and 1:7 (14%) up from north to south. Due to the steep north-south slope it is envisaged that the mine will be approximately 63m deep at the southern face, and 31m deep at the northern face. Rehabilitation of the open pit mine area will consist of stabilising the slopes as the mine continues to prevent erosion, but due to the large amount of materials that will be removed it will not be possible to backfill and rehabilitate the mined area with vegetation and therefore the excavated area will remain an open pit.

7.2.2 Description of equipment and activities impacting on electricity cost

None

7.2.3 Description of equipment and activities impacting on fuel cost

All of the production equipment will be diesel driven and diesel will be consumed in relatively large volumes.

Equipment	Activity
Front End Loaders	Loading

Excavators	Loading
Bulldozers	Cleaning and Rehabilitation
Haul / Dump Trucks	Hauling
Diesel Bowsers	Re-fuelling
Mobile Screening Plant	Screening
Mobile Crushing Plant	Crushing
Water tanker	Dust suppression
Vehicles, Bakkies & SUV	General use and maintenance
Generator	Power for processing

Owned Mining Equipment	Number
Komatsu WA250 Front End Loader	1
Lovol 538 Front End Loader	1
Volvo Ec36 Excavator	1
Cat 320 Excavator	1
Bell dumper	1
Isuzu 360 tipper truck	1
Mercedes Benz 2628 tipper truck	1
Isuzu Ftr800 water truck	1
Isuzu 250d bakkie	1
Diesel Bowser	1
D6 Dozer	1
Generator	1
Various mobile crushing plants	2

7.2.4 Description of equipment and activities impacting on cost of stores and materials

Equipment and activities impacting on the cost of stores and materials are summarized in the table below.

Spares and other critical parts of equipment are to be stored on site, which will add to the cost of stores and materials.

Equipment	Activity
Diesel and Lubricants Production	Production
Tyres Hauling	Hauling
Spares Maintenance	Maintenance
Personal Protective Equipment Safety	Safety

7.2.5 Description of equipment and activities impacting on the cost of water

Equipment and activities impacting on the cost of water are summarized in the table. Dust is created by activities performed with the mining equipment, necessitating dust allaying using water.

Equipment	Activity
Water bowsers	Dust suppression of haul roads and loading

	areas.	
--	--------	--

7.2.6 Description of equipment and activities impacting on other cost not included above

There are no other activities impacting on costs.

7.2.7 Operating cost forecast (excluding the processing plant and labour) in KZAR

COST CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10
Fuel	2 666 551	2 719 882	2 774 280	2 829 765	2 886 361	2 944 088	3 002 970	3 063 029	3 124 289	3 186 775
Loading costs	2 666 551	2 719 882	2 774 280	2 829 765	2 886 361	2 944 088	3 002 970	3 063 029	3 124 289	3 186 775
Water	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000
Stores and materials	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000
Repairs & Maintenance	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000
Total Cost (to be reflected in the	6 046 102	6 152 764	6 261 559	6 372 531	6 485 721	6 601 176	6 718 939	6 839 058	6 961 579	7 086 551

NB! The costs determined here must explain the costs used in line item 4 of the cash flow forecast required herein under Regulation 11(1) (g)(vi)

8. REGULATION 11(1)(g)(ii): DETAILS AND COSTS OF THE TECHNOLOGICAL PROCESS APPLICABLE TO THE EXTRACTION AND PREPARATION OF THE MINERAL OR MINERALS TO COMPLY WITH MARKET REQUIREMENTS

8.1 High level Description of the Processing Plant

8.1.1 Basic Plant Design (supported by a process flow diagram, of the plant)

Mobile crushing plants will be used to size aggregates before loading onto customer's trucks. These will be tracked diesel machines as depicted in below figures.





8.1.2 Efficiency of the Process (together with an estimate of the mineral recovery rate, and the expected mass or volume of mine waste or residues together with the manner in which it would be disposed of)

No waste is created during the crush and screen process.

8.2 Description of equipment and activities impacting on electricity cost (excluding the processing plant)

None

8.3 Description of equipment and activities impacting on fuel cost

- 2 x Excavators used for digging and feeding the plant.
- 1 x Dumper trucks hauling the material from the excavation site to the processing plant and back.
- 2 x Front end loaders used for basic management of material around the processing plant.
- Bulldozer and grader used for creating and maintaining the various roads used by mine.
- Water truck keeping the roads wet for dust control.
- Diesel and service cart transporting the various chemicals needed by the plant and earth moving equipment.
- Generators

8.4 Description of equipment and activities impacting on cost of stores and materials

Spares for maintenance.
Personal protective equipment for safety.

8.5 Description of equipment and activities impacting on the cost of water

Cleaning of machinery

8.6 Description of activities impacting on other cost not included above

There are no other activities impacting on costs.

8.6.1 Processing Plant operating cost forecast (excluding Labour) in KZAR for first 10 years

COST CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10
Fuel	4 266 640	4 351 973	4 439 012	4 527 793	4 618 348	4 710 715	4 804 930	4 901 028	4 999 049	5 099 030
Maintenance and repairs	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000	533 000
Water	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000	10 000
Stores and materials	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000
Other (specify)										
Total Cost (Technology cost in the cash flow forecast)	4 869 640	4 954 973	5 042 012	5 130 793	5 221 348	5 313 715	5 407 930	5 504 028	5 602 049	5 702 030

9. REGULATION 11(1) (g) (iii): DETAIL AND COSTING OF THE TECHNICAL SKILLS, EXPERTISE AND ASSOCIATE LABOUR IMPLICATIONS REQUIRED TO CONDUCT THE PROPOSED MINING OPERATIONS

9.1 Organizational structure of the mine

9.1.1 Description of position requiring certificates of competency and under which skills category they have been budgeted for

Mine Manager (Senior management) Diesel Mechanic (Skilled technical) Artisan Certificate Skilled
Mine and plant Supervisor (Senior Management) Certificate in Mine Health and Safety (COMSOC) – Safety officer First aid level 1 Skilled
HR / Financial Team member (Team member) Grade 12 with 10 years experience Skilled
Excavator Operator (Team member) Operator Certificate Skilled
Loader Operator (Team member) Operator Certificate Skilled
Dozer Operator (Semi skilled) Team member) Operator Certificate Skilled
Grader Operator (Team member) Operator Certificate Skilled
Truck Operator (Team member) Operator Certificate Skilled
Plant Operator (Team member) Operator Certificate Skilled
Water Truck Operator (Team member) Code 14 / Public license Skilled

9.1.2 Description of which part or parts of the mining operation will be outsourced (if any)

9.1.2.1 Description of position requiring certificates of competency and under which skills category they have been budgeted for

Specialist technical skills such as surveying, environmental management and health and safety will be outsourced and budgeted for under service providers.
--

9.2 Costing of the skills categories in the mining operation to determine if technical competence has been budgeted for: Complete the following tables:

With Stilbaai Sand en Klip currently producing and planning on continuing operations after the end of the mining of this particular prosed deposit, the skills required for the mining operations will be unchanged during the LOM.

MINE EMPLOYEES

PERSONNEL ON THE MINE'S PAYROLL: (Years 1 to 5)

CATEGORY	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	
	NO OF POSITIONS	BUDGET								
Top management	1	240000	1	249600	1	259584	1	269967	1	280766
Senior Management	2	342648	2	356354	2	370608	2	385432	2	400850
Professionally qualified and experienced specialists and mid-management				0						
Skilled technical and academically qualified workers, junior management, supervisors, foreman and superintendents	1	194400	1	202176	1	210263	1	218674	1	227421
Semi-skilled and discretionary decision making	5	485256	5	504066	5	523629	5	543974	5	565133
Non permanent employees				0						
TOTAL PERSONNEL EXPENDITURE	9	1262304	9	1312196	9	1364084	9	1418047	9	1474170

PERSONNEL ON THE MINE'S PAYROLL: (Years 6 to 10)

CATEGORY	YEAR 6		YEAR 7		YEAR 8		YEAR 9		YEAR 10	
	NO OF POSITIONS	BUDGET								
Top management	1	291 997	1	303 677	1	315 824	1	328 457	1	341 595
Senior Management	2	416 884	2	433 559	2	450 901	2	468 937	2	487 695
Professionally qualified and experienced specialists and mid-management		0		0						
Skilled technical and academically qualified workers, junior management, supervisors, foreman and superintendents	1	236 517	1	245 978	1	255 817	1	266 050	1	276 692
Semi-skilled and discretionary decision making	5	587 138	5	610 024	5	633 825	5	658 578	5	684 321
Non permanent employees				0						
TOTAL PERSONNEL EXPENDITURE	9	1 532 536	9	1 593 238	9	1 656 367	9	1 722 022	9	1 790 303

SUBCONTRACTORS EMPLOYEES (if applicable)

(Duplicate this form for each Subcontractor)

CATEGORY	Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Year 7		Year 8		Year 9		Year 10	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Top management																				
Senior Management																				
Professionally qualified and experienced specialists and mid-management																				
Skilled technical and academically qualified workers, junior management, supervisors, foreman and superintendents																				
Semi-skilled and discretionary decision making																				
TOTAL CONTRACT BUDGET (Not only salaries and wages)																				

SERVICE PROVIDERS

LIST OF SPECIALISTS, CONSULTANTS AND SERVICE PROVIDERS	BUDGET YEAR 1	BUDGET YEAR 2	BUDGET YEAR 3	BUDGET YEAR 4	BUDGET YEAR 5	BUDGET YEAR 6	BUDGET YEAR 7	BUDGET YEAR 8	BUDGET YEAR 9	BUDGET YEAR 10
BME blasting	1 400 000	1 470 000	1 543 500	1 620 675	1 701 709	1 786 794	1 876 134	1 969 941	2 068 438	2 171 860
Environmental	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000
Occupational health	39 731	39 731	39 731	39 731	39 731	39 731	39 731	39 731	39 731	39 731
Survey	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000	60 000
Health & Safety	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000	120 000
TOTAL BUDGET (SERVICES)	1 739 731	1 809 731	1 883 231	1 960 406	2 041 440	2 126 525	2 215 865	2 309 672	2 408 169	2 511 591

TOTAL COST OF ALL TECHNICAL SKILLS AND SERVICES REQUIRED TO OPERATE THE MINE

CATEGORY	BUDGET YEAR 1	BUDGET YEAR 2	BUDGET YEAR 3	BUDGET YEAR 4	BUDGET YEAR 5	BUDGET YEAR 6	BUDGET YEAR 7	BUDGET YEAR 8	BUDGET YEAR 9	BUDGET YEAR 10
IN HOUSE SKILLS AND SERVICES	1 262 304	1 312 196	1 364 084	1 418 047	1 474 170	1 532 536	1 593 238	1 656 367	1 722 022	1 790 303
SKILLS AND SERVICES PROVIDED BY SUBCONTRACTORS										
SKILLS AND SERVICES PROVIDED BY SERVICE PROVIDERS	1 739 731	1 809 731	1 883 231	1 960 406	2 041 440	2 126 525	2 215 865	2 309 672	2 408 169	2 511 591
TOTAL BUDGET FOR TECHNICAL SKILLS AND COMPETENCE	3 002 035	3 121 927	3 247 315	3 378 453	3 515 610	3 659 061	3 809 103	3 966 039	4 130 191	4 301 894

NB! THE TOTAL BUDGET FOR TECHNICAL SKILLS AND SERVICES AND COMPETENCE MUST BE TRANSFERRED TO LINE ITEM 6 IN THE CASH FLOW FORECAST

10. REGULATION 11(1)(g)(iv): DETAIL AND COSTING OF REGULATORY REQUIREMENTS IN TERMS OF THE ACT AND OTHER APPLICABLE LAW, RELEVANT TO THE PROPOSED MINING OPERATION

10.1 Environmental cost forecast

10.1.1 Rehabilitation estimate cost

(Refer to the guideline for Financial provision (described in Regulation 54 (1)(2) published on the Departments website. Complete 10 forecasts and paste them into this section, i.e. one for the progressive impact in each of the first 10 years of operation. The progressive total (10th year must be stated under this heading and also included into the first year of the cash flow under Regulation 11(1)(g)(vi) below in the environmental cost category.)

Description of areas/activities to be rehabilitated	Amount (Rands)
Opencast mining areas rehabilitation including final voids and ramps – total area 13Ha (at a rate of R27 711.47/Ha)	R 360 249.11
General surface rehabilitation and stabilising (at a rate of R12 362.67/Ha)	R 160 714.71
2 Years maintenance, monitoring and aftercare (at a rate of R 2 943.49/Ha/year)	R 76 530.74
Preliminary and General (12% of subtotal 1)	R 65 219.34
Contingencies (10% of subtotal 1)	R 54 349.45
Subtotal	R 663 063.35
VAT (15%)	R 99 459.50
TOTAL REHABILITATION COSTS ESTIMATE	ZAR R 762 522.8525

Taking into consideration the total amount of financial provision calculated at R 762 522.85, an average of R 25 417.42 will be available for annual rehabilitation costs, however this will be reviewed and recalculated during the annual financial provision to ensure that required rehabilitation costs stays relevant and is sufficient throughout the life of the mine.

10.1.2 Socio-economic impact cost estimate

(Refer to the guidelines on community consultation, and the scoping report template. Estimate the risk of compensation to persons whose socio-economic conditions may be directly affected by the mining operation. Provide the estimated total under this heading and also include it into the first year of the cash flow under regulation 11(1) (g)vi) below in the environmental cost category.)

None expected.

10.1.3 Summary of Environmental cost

Estimated Environmental and Rehabilitation cost

CATEGORY	COST ESTIMATE
a) Progressive total for rehabilitation	R 762 522.8525
b) Cost to mitigate socio-economic conditions of directly affected persons	-
TOTAL COST (Transfer amount to cash flow forecast –Line 7 Year 1 only)	R 762 522.8525

10.2 Other Regulatory Costs (complete the below)

CATEGORY	AMOUNT PER ANNUM	EXPLANATION ON HOW AMOUNT WAS CALCULATED
Royalties		
Mine Health and Safety regulations		Included in service providers
Occupational health		Included in service providers
Rate and taxes		Property taxes for owner account
National skills fund		1% of payroll included in wages
Other:Specify		
TOTAL COST (Include amount into the cash flow forecast – Line 7)		

The costs thus derived must be clearly explained and used to justify the numbers that area reflected in line item 7 of the cash flow forecast required in term of regulation 11(1)(g)(vi)

11. REGULATION 11(1) (g)(viii): PROVISION FOR THE EXECUTION OF THE SOCIAL AND LABOUR PLAN

11.1 The following table must be duplicated here from the table in Section 5: Financial Provision of the Social and Labour Plan

	Financial provision for a 5year period					Total
ITEM	YEAR1	YEAR2	YEAR3	YEAR4	YEAR5	
HUMAN RESOURCE DEVELOPMENT	14500	24200	85700	41200	66000	231600
LOCAL ECONOMIC DEVELOPMENT	30000	30000	28000	27000	0	115000
MANAGEMENT OF DOWNSCALING	10000	10000	10000	10000	10000	50000
ESTIMATED TOTALS PER YEAR	54 500	64 200	123 700	78 200	76 000	396 600

	Financial provision for a 5year period					Total
ITEM	YEAR 6	YEAR7	YEAR8	YEAR9	YEAR10	
HUMAN RESOURCE DEVELOPMENT	49 099.20	52 045.15	55 168.86	58 477.93	61 986.61	276 776.75
LOCAL ECONOMIC DEVELOPMENT						
MANAGEMENT OF DOWNSCALING	24 380.00	25 842.80	27 393.37	29 036.97	30 779.19	137 432.33
ESTIMATED TOTALS PER YEAR	10 600.00	11 236.00	11 910.16	12 624.77	13 382.26	59 753.19

The costs quantified in the aforesaid categories must justify the numbers that are reflected in line item 8 of the cash flow forecast required in terms of Regulation 11(1)(g)(vi)

12. REGULATION 11(1)(g)(iv): DETAILS REGARDING OTHER RELEVANT COSTING, CAPITAL EXPENDITURE REQUIREMENTS AND EXPECTED REVENUE APPLICABLE TO THE PROPOSED MINING OPERATION

12.1 Expected revenue

12.1.1 Explanation of revenue determination (given the prices of the various relevant products and byproducts produced) how the price referred to in item 5.9 above, and the production referred to in item 6.1.4 above was arrived at and applied at and applied to each year’s production estimate in order to estimate revenue.

The revenue for this project has been determined by die historical and current prices per m3 with an increase in prices of 2% per year.

12.1.2 Revenue forecast (for each year of the full period applied for based on the above explanations. Note that this revenue estimate must be stated both here and in line item 3 of the cash flow forecast required below in terms of Regulation 11 (1)(g)(vi).

Year	Revenue
1	15 892 580
2	16 210 432
3	16 534 640
4	16 865 333
5	17 202 640
6	17 546 692
7	17 897 626
8	18 255 579
9	18 620 690
10	18 993 104

12.2 Estimated Capital expenditure

12.2.1 Initial capital expenditure

(List of expenditure on the initial capital expenditure items)

Not applicable – mine already operational.

12.2.2 Ongoing Capital Expenditure

(A discussion on ongoing capital expenditure items and estimated amount thereof in each of the years in which it will be incurred).

	Capital expenditure	Amount
Year 1		
Year 2	Front end loader	1 500 000
Year 3		
Year 4		

Year 5	30-ton excavator	2 500 000
Year 6		
Year 7		
Year 8	Mobile crusher	2 800 000
Year 9		
Year 10		
Total		6 800 000

12.2.3 Summary in a 10 year Tabular format (stating in initial, ongoing and total amount of capital expenditure in each of the first ten year in which it will be incurred.)

	Capital expenses	Amount
Year 1		
Year 2	Front end loader	1 500 000
Year 3		
Year 4		
Year 5	30- ton excavator	2 500 000
Year 6		
Year 7		
Year 8	Mobile crusher	2 800 000
Year 9		
Year 10		
Total		6 800 000

12.3 Explanation and summary of other cost (not addressed elsewhere in the mining work programme, in each year in which they are to be incurred)

There are no other costs which are not addressed elsewhere in this mining work programme.

12.4 Summary of capital and other costs. Complete the table below

CATEGORY	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Initial capital expenditure	0	0	0	0	0	0	0	0	0	0
Ongoing capital expenditure		1500000			2500000			3800000		
Other costs specified in 12.3 above										
TOTAL CAPITOL AND OTHER (To be reflected in the cash flow forecast)		1500000			2500000			3800000		

(Note! The total amounts must be transferred to line item 9 of the cash flow forecast require in terms of Regulation 11(1)(g)(vi) below.)

13. REGULATION 11(1)(g)(vi): A DETAILED CASH FLOW FORECAST AND VALUATION, EXCLUDING FINANCING OF THE PROPOSED MINING OPERATION, WHICH FORECAST MUST ALSO CLEARLY INDICATE HOW THE APPLICABLE REGULATORY COSTS WILL BE ACCOMMODATED THEREIN (The following cash flow forecast must be submitted in accordance with the line items provided. The applicant may not change the line items or their sequence. The applicant may, however provide for escalation within accepted practice, and provide other indicators such as IRR in addition)

CASH FLOW FORECAST AND VALUATION (REGULATION 11 (g) (vi)) YEAR 1-10												
	ITEM	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Total
1	PRODUCTION (Regulations 11(1)(d) and (f)) The expected mass of the product produced annually in m³	106 666	106 666	106 666	106 666	106 666	106 666	106 666	106 666	106 666	106 666	1 066 660
2	PRICE (Regulation 11(1)(e)) The expected price that will be received for the mined product											
	19mm stone	290	296	302	308	314	320	327	333	340	347	3 175
	13mm stone	290	296	302	308	314	320	327	333	340	347	3 175
	G4	270	275	281	287	292	298	304	310	316	323	2 956
	G5	240	245	250	255	260	265	270	276	281	287	2 628
	G7	80	82	83	85	87	88	90	92	94	96	876
	Crusher dust	170	173	177	180	184	188	191	195	199	203	1 861
3	REVENUE The mass of production multiplied by price	15 892 580	16 210 432	16 534 640	16 865 333	17 202 640	17 546 692	17 897 626	18 255 579	18 620 690	18 993 104	174 019 317
4	MINING/ OPERATING COST (Regulation 11(1)(g)(i)) Estimated annual operation cost of stores, materials, electricity, water, fuel and other (excluding labour,	6 046 102	6 152 764	6 261 559	6 372 531	6 485 721	6 601 176	6 718 939	6 839 058	6 961 579	7 086 551	65 525 979

	environmental and social costs)											
5	TECHNOLOGY COST (Regulation 11(1)(g)(i))	4 869 640	4 954 973	5 042 012	5 130 793	5 221 348	5 313 715	5 407 930	5 504 028	5 602 049	5 702 030	52 748 518
6	TECHNICAL SKILLS COST (Regulation 11(1)(g)(iii))	3 002 035	3 121 927	3 247 315	3 378 453	3 515 610	3 659 061	3 809 103	3 966 039	4 130 191	4 301 894	36 131 628
	WAGES (Excluding HRD cost)											
7	ENVIRONMENTAL COST (Regulation 11(1)(g)(iv))	762 522.8525										762 522.8525
	Including Rehabilitation Costs											
8	SOCIAL AND LABOUR PLAN COST (Regulation 11(1)(g)(viii))	54 500	64 200	123 700	78 200	76 000	84 079.20	89 123.95	94 472.39	100 139.67	106 148.06	870 562.27
9	CAPITAL AND OTHER (Regulation 11(1)(g)(v))		1 500 000			2 500 000			2 800 000			6 800 000
	The cost of land, machinery, infrastructure and any other costs.											
10	WORKING PROFIT/LOSS	1 157 780	416 568	1 860 054	1 905 357	-596 040	1 888 661	1 872 531	-948 019	1 826 732	1 796 482	11 180 106
	The revenue minus all the costs listed above											
11	TAX @ 27%	312 601	112 473	502 214	514 446	-160 931	509 939	505 583	-255 965	493 218	485 050	3 018 629
12	NET CASH FLOW	845 180	304 094	1 357 839	1 390 911	-435 109	1 378 723	1 366 947	-692 054	1 333 514	1 311 432	8 161 478
13	DISCOUNTED CASH FLOW @ 7%	786 017	282 808	1 262 790	1 293 547	-404 651	1 282 212	1 271 261	-643 610	1 240 168	1 219 632	7 590 174

Also refer to Appendix 6: :Latest Financial Statement for Stilbaai Sand and Klip

14 REGULATION 11(1) (g) (vii): DETAILS REGARDING THE APPLICANTS RESOURCES OR PROPOSED MECHANISMS TO FINANCE THE PROPOSED MINING OPERATION, AND DETAILS REGARDING THE IMPACT OF SUCH FINANCING ARRANGEMENTS ON THE CASH FLOW FORECAST

14.1 Financing the cash flow

(Provide in tabular format an explanation of how the cash flow will be financed, showing the amounts, the type of financing, eg. Loans, equity, retained earnings, etc, as well as the impact of financing on the cash flow in terms of financial arrangements and repayments)

Stilbaai Sand en Klip will be able to generate enough resources out of the Operating Capital.

14.2 Detail regarding the financing arrangements

(Elaborate on the financing arrangements that are described in item 14.1 above, in terms of where the finance will be sourced, extent to which the financing has been finalised and on the level of certainty that such financing can be secured.)

Sufficient funds are available to provide the necessary capital for this operation.

14.3 Confirmation of supporting evidence appended

(Attach evidence of available funding and or financing arrangements such as balance sheets, arrangements with financial institutions, underwriting agreements, etc. and specifically confirm in this regard what documentation has been attached as appendices.)

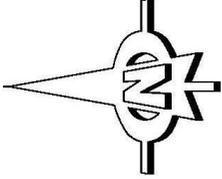
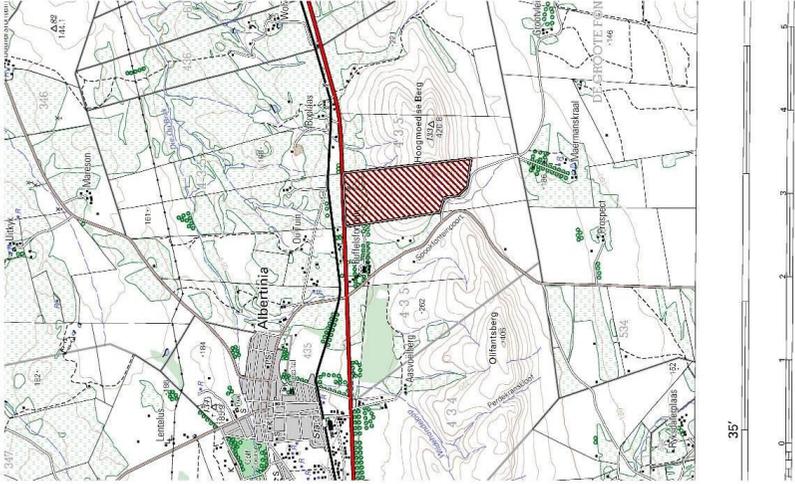
- 29 February 2024 financial statements
- Income statement from 01/03/2024 to 31/10/2024
- Trial balance from 01/03/2024 to 31/10/2024

15. REGULATION 11 (1) (h): UNDERTAKING, SIGNED BY THE APPLICANT, TO ADHERE TO THE PROPOSALS AS SET OUT IN THE MINING WORK PROGRAMME

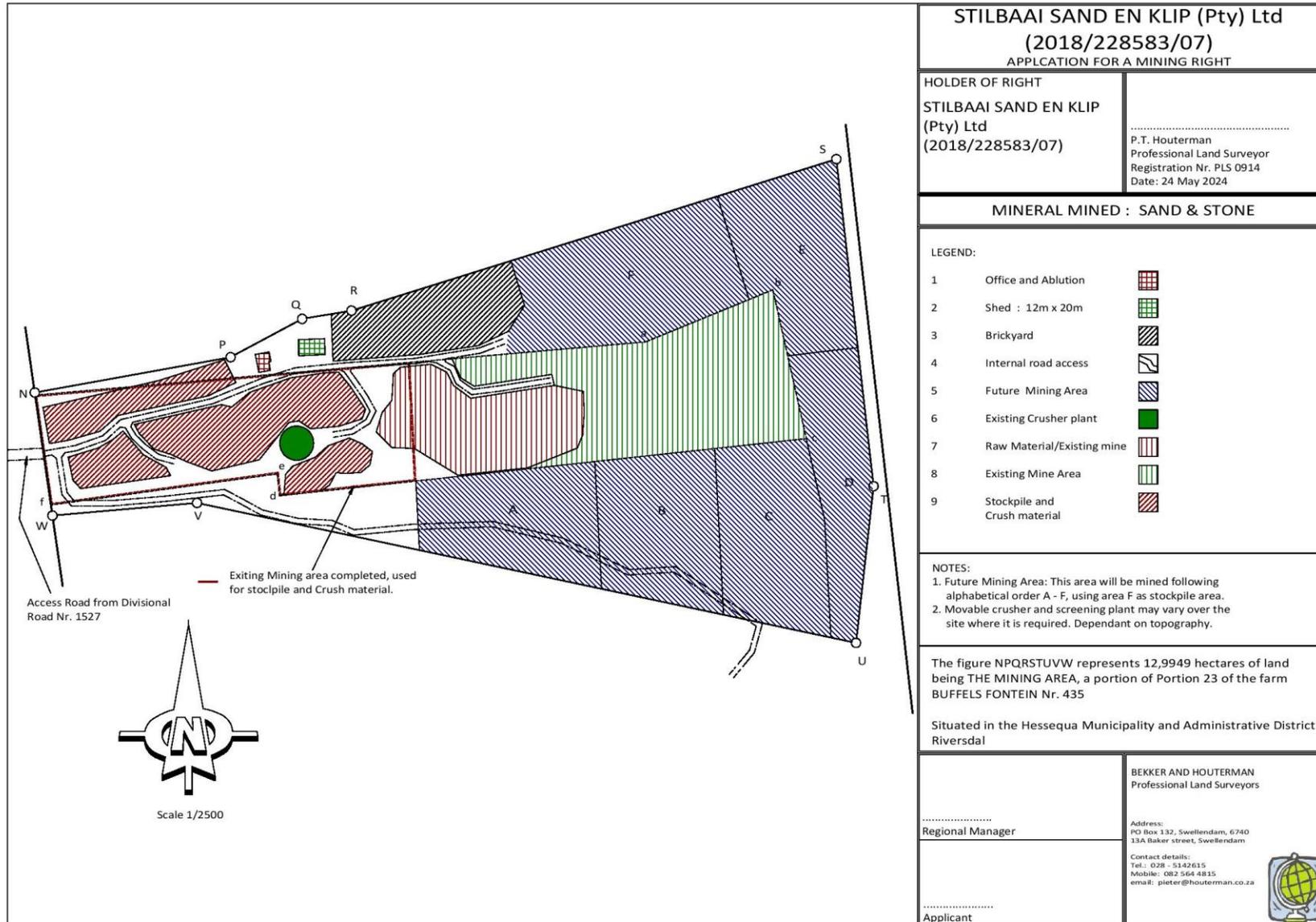
Herewith I, the person whose name and identity number is stated below, confirm that I am the Applicant or the person authorised to act as representative of the Applicant in terms of the resolution submitted with the application, and undertake to implement this mining work programme and adhere to the proposals set out herein.

Full Names and Surname	Mariaan Gelderblom
Identity Number	9207120129087
Date and Signature	

APPENDIX 1: Regulation 2(2) Map of Property

<p>STILBAAI SAND EN KLIP (Pty) Ltd (2018/228583/07) APPLICATION FOR A MINING RIGHT</p>	<p>HOLDER OF RIGHT</p> <p>STILBAAI SAND EN KLIP (Pty) Ltd (2018/228583/07)</p> <p>..... P.T. Houterman Professional Land Surveyor Registration Nr. PLS 0914 Date: 24 May 2024</p>	<p>MINERAL MINED : SAND & STONE</p>	<p style="text-align: center;">LOCALITY PLAN OF PORTION 23 OF THE FARM BUFFELS FONTEIN Nr. 435</p> <p style="text-align: center;">Riversdal Administrative District</p> <p style="text-align: center;">Skaal: 1/50 000</p> <div style="text-align: center;">  </div>	<p>..... Regional Manager</p>	<p>..... Applicant</p>
				<p>BEKKER AND HOUTERMAN Professional Land Surveyors</p> <p>Address: PO Box 132, Swelleendam, 6740 13A Baker street, Swelleendam</p> <p>Contact details: Tel: 027 266 4815 Mobile: 082 266 4815 email: phleter@houterman.co.za</p>	

APPENDIX 2: Mine Layout Maps



APPENDIX 3: Local Geology Maps of Relevant Area and Geological Report

Geology Classification (1:1M)

Code: PA-Ng
 Lithostratigraphic: GRAHAMSTOWN FORMATION
 Lithology: High-level terrace gravel, silcrete, ferricrete
 UQ Geology: 865
 UQ SACS NO: 655

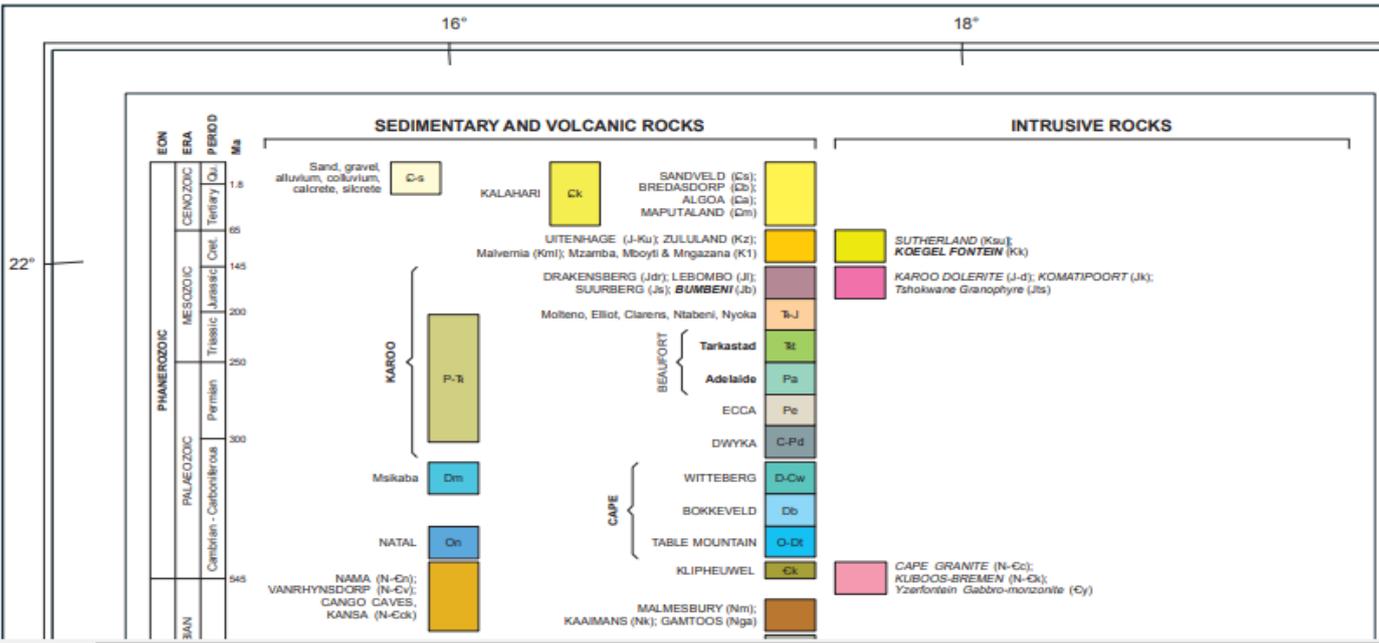
Geological Map for Proposed Mining Right Areas on Farm Buffelsfontein RE/23/435



Legend
 Map Center: Lon: 21°37'4.1"E
 Lat: 34°12'49.3"S
 Scale: 1:18,056
 Date created: 2024/28/08



Falls within Db – Bokkeveld group



Johann Lanz
Soil Scientist (Pr.Sci.Nat.)
Reg. no. 400268/12

Cell: 082 927 9018
e-mail: johann@johannlanz.co.za

1A Wolfe Street
Wynberg
7800
Cape Town
South Africa

**GEOLOGICAL REPORT
FOR
A STONE MINING PERMIT APPLICATION
ON FARM RE/23/435 BUFFELSFONTEIN
NEAR ALBERTINIA, WESTERN CAPE PROVINCE**

**Report by
Johann Lanz**

4 June 2024

Table of Contents

1	Introduction.....	1
2	Methodology of study.....	1
3	Results.....	1
4	Conclusions.....	4

1 INTRODUCTION

Application is being made for a stone mining license near Albertinia, Western Cape Province (see location in Figure 1). This report provides a geological assessment of the available resource.

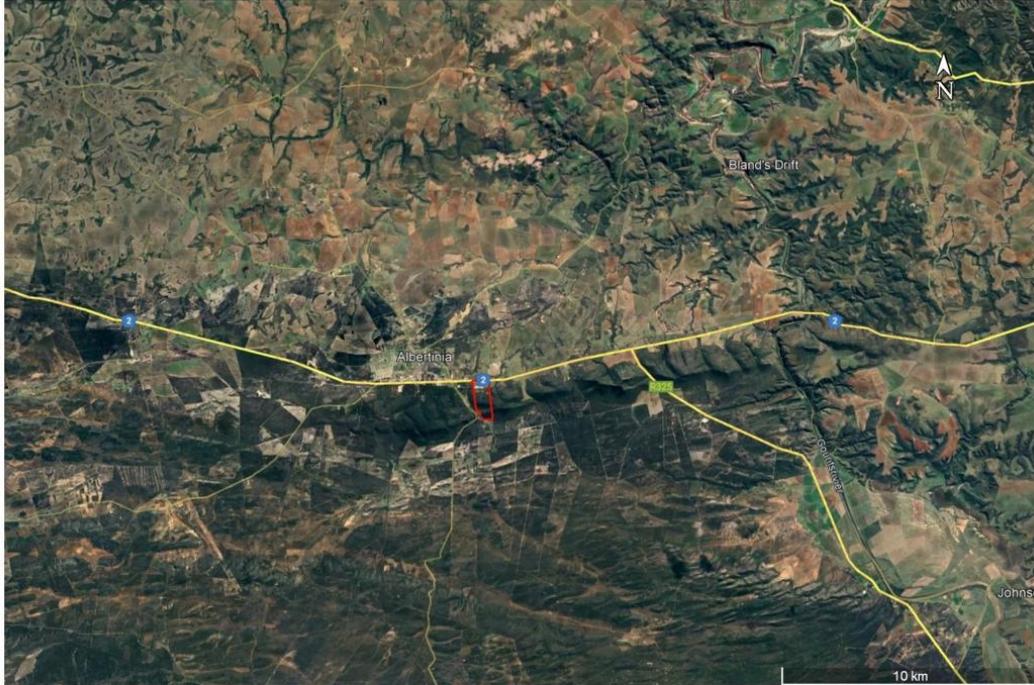


Figure 1. Locality map of the proposed farm southeast of Albertinia.

2 METHODOLOGY OF STUDY

The assessment was based on an on-site investigation of the available resource conducted on 15 March 2024. The resource was assessed based on the investigation of existing exposures in combination with indications of the surface conditions and topography.

3 RESULTS

The geology of the proposed mining area is quartzitic sandstone of the Table Mountain Group. The resource exists across the entire application area and stone exists from surface (or just below surface) to a depth below what would be possible to mine. There is no significant variation in the resource across the entire application area. A determination of the expected reserve is provided in Table 1.

Table 1. Expected reserve.

Mining depth (m)	40
Depth of topsoil required for rehabilitation (m)	0
Available mining area that has not yet been mined (ha)	8.0
Expected reserve volume (m ³)	3 200 000



Figure 3. Satellite image map of the application area.



Figure 4. *Shallow bedrock at the southern, up-slope edge of the existing mining excavation.*



Figure 5. *Profile showing the shallow, rocky soil at the northern, down-slope edge of the existing mining excavation, with bedrock below.*



Figure 6. Rock outcrops showing the existence of the reserve in the unmined application area above the existing excavation.

4 CONCLUSIONS

There is an expected reserve of 3 200 000 m³ of suitable stone for mining within the proposed mining right application area.

APPENDIX 4: RESULTS OF MATERIAL TESTING DONE FOR MATERIALS MINED ON SITE



OUTENIQUA LAB (Pty) Ltd.

Registration No. 95/07742/07

Materials Testing Laboratory

6 Mirrorball Street, George : PO Box 3186, George Industria, 6536

Tel: 044 8743274 : Fax: 044 8745779 : e-mail: llewelyn@outeniqualab.co.za

R-CBR-1-8 May-19

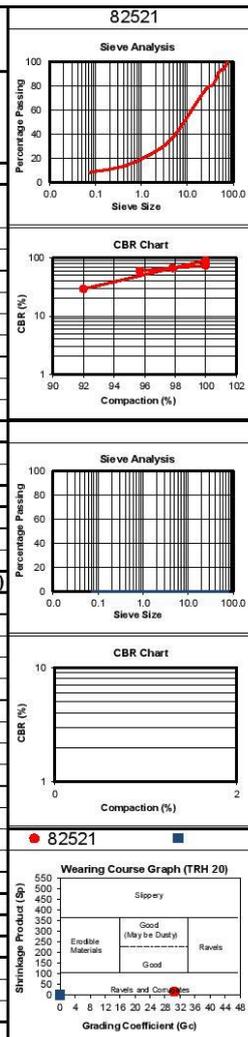


T0347

Customer :	Van Schalkwyk Vervoer	Project :	Yard
	P O Box 687	Date Received :	21/10/21
	Riversdale	Date Reported :	03/11/21
	6670	Req. Number :	3595/21
Attention :	Wim van Schalkwyk	No. of Pages :	1

TEST REPORT CALIFORNIA BEARING RATIO

Sample Position (SV)	Stockpile	COLTO:	
Depth (mm)	N/A		
Sample No	82521	G7 SSG	
Materials Description	Source	Van Schalkwyk Vervoer	
	Colour	Dark Grey	
	Soil Type	Shale	
	Classification	Proposed SSG (G7)	
Material Indicators - (SANS 3001 Method GR1)			
Percentage Passing	75 mm	100	Opinion
	63 mm	94	
	50 mm	92	
	37,5 mm	82	
	28 mm	79	
	20 mm	72	
	14 mm	63	
	5 mm	38	
	2 mm	25	
	0,425 mm	13	
0,075 mm	8,2		
Material Indicators - (SANS 3001 Method PR5)			
Grading Modulus	2.53	0.75 - 2.70	✓
Coarse Sand Soil-Mortar (%)	47		
Atterberg Limits - (SANS 3001 Method GR10)			
Liquid Limit (%)	20		
Plasticity Index (%)	3	≤ 12	✓
Linear Shrinkage (%)	1.0		
Material Strength - (SANS 3001 Method GR30, GR40 - SCALPED)			
MDD	Max Dry Density (kg/m ³)	2272	
	Optimum Moisture Content (%)	5.1	
	Mould Moisture Content (%)	5.2	
A	Relative Compaction (%)	100.0	
	Swell (%)	0.0	≤ 1.5 ✓
B	Relative Compaction (%)	95.7	
	Swell (%)	0.0	
C	Relative Compaction (%)	92.0	
	Swell (%)	0.0	
CBR	@100% Max Dry Density	91	
	@98% Max Dry Density	69	
	@95% Max Dry Density	45	
	@93% Max Dry Density	34	≥ 15 ✓
	@90% Max Dry Density	22	
Material Condition			
In situ Moisture Content (%)			
Soil Classification Achieved By The Material			
COLTO:	G6 Subbase		
AASHTO System	A-1-a / A-1-b / A-2-4		
Unified System	GP-GM		



• Specimens delivered to Outeniqua Lab in good order.

LAWtrust
AESignCA,
Ruaan
Marco Lesch

Ruaan Lesch
Technical Signatory
For Outeniqua Lab (Pty) Ltd.

Copyright © 2014 Llewelyn Heathcote. All Rights Reserved.

- The opinion column is an interpretation of the direct comparison between the quoted specification and the single test sample results obtained. The compliant (✓), non compliant (✗) and uncertain (±) opinion indicators are based on an approximate 95% level of confidence with reference to SAMM GUIDANCE 1, Issue 2: 20 June 2007 Section 2.
- The uncertain (±) indicates that the test result is either equal to or is above / below the specified limit by a margin less than the measurement uncertainty; it is therefore not possible to state compliant (✓) or non compliant (✗) based on a 95% level of confidence with reference to SAMM GUIDANCE 1, Issue 2: 20 June 2007 Section 2.
- This report (with attachments) is the correct record of all measurements made, and may not be reproduced other than with full written approval from the Director of Outeniqua Lab (Pty) Ltd.
- Measuring Equipment, traceable to National Standards is used where applicable. Results reported in this Test Report relate only to the items tested and are an indication only of the sample provided and/or taken.
- While every care is taken to ensure the correctness of all tests and reports, neither Outeniqua Lab (Pty) Ltd nor its employees shall be liable in any way whatever for any error made in the execution or reporting of tests or any erroneous conclusions drawn therefrom or for any consequence thereof.

Director: L Heathcote B-Tech. (Civil Eng.) & BSc Hons (Transport)

 <p>TESTPRO LABORATORY Materials Testing Laboratory</p>	 <p>sanas SANS 10400:2016</p>
5 Voorbaai Crescent, Bayview, Hartenbos Tel : (044) 695 0831	P.O. Box 35, Hartenbos, 6520 e-mail : jaco@testpro.co.za

Client:	WH van Schalkwyk Vervoer BK
	P.O Box 687
	Riversdale
	6670
Attention:	Annemarie van Schalkwyk, 0825433844

SOIL ANALYSIS TEST REPORT

Job No:	TP21203
Order No:	-
Sample No:	3524
Project Information:	Entsha Henra: Ellenrust, Stilbaai
Number of pages:	2
Date Received:	09/04/2024
Date Sampled:	09/04/2024
Sampled by:	Client
Sample plan included:	No
Environmental Conditions:	Sample Delivered/
Delivered by:	Client
Sampling method:	Sampled by client
Source of sample:	Delivered
Condition of sample:	Good
Conformity statement requested by client:	Yes
Subcontractor (if any):	No
Material description:	Proposed G5
Tests Requested/Method:	SANS
	Grading SANS 3001-GR1
	Atterberg Limits SANS 3001-GR10 & -GR20
	M.D.D SANS 3001-GR30 & -GR20
	C.B.R. SANS 3001-GR40 & -GR20
Date Completed:	16/04/2024

Notes/Deviations	
Sampled by client - TESTPRO Laboratory can not guarantee the test results to be representative.	
- - -	

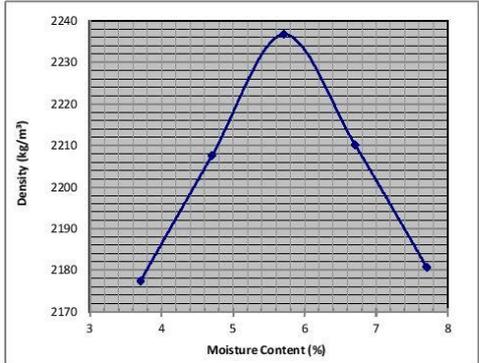
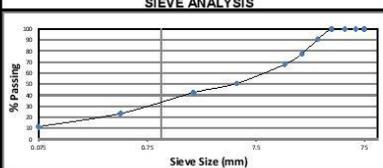
Remarks:

1. All tests marked (#) are not included in our schedule of Accreditation.
2. The results reported relate only to the sample tested. Statement of conformity are not made or implied in the report, unless required by the client. Review the results, expanded uncertainty, and specifications to ensure they meet your requirements.
The final decision rule will be the customers risk and not the Laboratory.
The Laboratory does not report a statement of conformity unless it is inherent in the requested specification or standard.
3. This document is the correct record of all measurements made, and may not be reproduced other than with full written approval from the Technical Manager of TESTPRO Laboratory.
4. Measuring equipment is traceable to national standards (Where applicable).
5. Samples will be retained, for a one month period, before disposal.
6. Tests are reported with an approximate 95% level of confidence.
7. Uncertainty of measurement will only be reported if requested by the client.
8. Opinions & Interpretations are not included in our schedule of Accreditation.

Digitally signed by
 Jacobus Phillipus
 van Rensburg
 DN: cn=Jaco v Rensburg,
 o=TESTPRO LABORATORY,
 ou=TESTPRO LABORATORY,
 email=jaco@testpro.co.za,
 c=ZA

Technical Signatory
 Jacobo van Rensburg

Page 1 of 2

 <p>5 Voorbaal Crescent, Bayview, Hartenbos Tel : (041) 695 0831</p>		 <p>P.O. Box 35, Hartenbos, 6520 e-mail : jaco@tespro.co.za</p>																																																																																																																																															
Client: VMI van Schaikwyk Vervoer BK P.O. Box 687 Riversdale 6670		Date Reported: 16/04/2024 Job nr.: TP21203																																																																																																																																															
Attention: Annemarie van Schaikwyk, 0825433844		Specification: COLTO Order nr.: - Project: Entsha Henra: Ellenrust, Stilbaai																																																																																																																																															
SOIL ANALYSIS TEST REPORT																																																																																																																																																	
SAMPLE INFORMATION		MATERIAL PROPERTIES																																																																																																																																															
Material Description	Proposed G5																																																																																																																																																
Source	Delivered	Position/ Layer	Delivered																																																																																																																																														
Date Received	09/04/2024	Date Tested	16/04/2024																																																																																																																																														
Sampling Method	Sampled by client																																																																																																																																																
		Sample Number	3524																																																																																																																																														
MDD, BD & AD Analysis																																																																																																																																																	
MDD	2237	OMC	5.7																																																																																																																																														
BD	-	WA	-																																																																																																																																														
AD	-																																																																																																																																																
Method	Scalped	% Scalped	1.8																																																																																																																																														
Uncertainty																																																																																																																																																	
MDD		kg/m ³	OMC																																																																																																																																														
			%																																																																																																																																														
																																																																																																																																																	
<table border="1"> <thead> <tr> <th>Test</th> <th>Results</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>Grading Modulus</td> <td>2.2</td> <td>1.5-2.5</td> <td>✓</td> </tr> <tr> <td>Coarse Sand Ratio</td> <td>45</td> <td>N/A</td> <td></td> </tr> <tr> <td colspan="4">Strength (kN)</td> </tr> <tr> <td>10% FACT (Dry)</td> <td></td> <td>Mudrock/Dry</td> <td></td> </tr> <tr> <td>10% FACT (Wet)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wet/Dry Rel. (%)</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">CBR</td> </tr> <tr> <td>Moulding MC%</td> <td>5.7</td> <td></td> <td></td> </tr> <tr> <td>CBR @ 98%</td> <td>108</td> <td></td> <td></td> </tr> <tr> <td>CBR @ 97%</td> <td>100</td> <td></td> <td></td> </tr> <tr> <td>CBR @ 95%</td> <td>84</td> <td>Min 45</td> <td>✓</td> </tr> <tr> <td>CBR @ 93%</td> <td>72</td> <td></td> <td></td> </tr> <tr> <td>CBR @ 90%</td> <td>56</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Swell</td> </tr> <tr> <td>Swell @ 100%</td> <td>0.0</td> <td>Max 0.5%</td> <td>✓</td> </tr> <tr> <td colspan="4">Durability (%)</td> </tr> <tr> <td>ACV (Dry)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACV (Wet)</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">Flakiness Index</td> </tr> <tr> <td>20mm<28mm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14mm<20mm</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">Atterberg Limits</td> </tr> <tr> <td colspan="4">-0.425mm</td> </tr> <tr> <td>Liquid Limit</td> <td>-</td> <td>Max 30</td> <td>✓</td> </tr> <tr> <td>Plastic Limit</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Linear Shrinkage</td> <td>1.5</td> <td>Max 5%</td> <td>✓</td> </tr> <tr> <td>LSx%Pass0.425</td> <td>35</td> <td></td> <td></td> </tr> <tr> <td>Plasticity index</td> <td>S/P</td> <td>Max 30</td> <td>✓</td> </tr> <tr> <td colspan="4">-0.075mm</td> </tr> <tr> <td>Liquid Limit</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Plastic Limit</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Linear Shrinkage</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Plasticity index</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td colspan="4"> G5 </td> </tr> <tr> <td colspan="2"> Classification: </td> <td colspan="2"> Digitally signed by Jacobus Phillipus van Rensburg Date: 2024.04.16 12:18:04 +0200 Technical Signatory Jaco van Rensburg </td> </tr> </tbody></table>		Test	Results	Specifications	Opinion	Grading Modulus	2.2	1.5-2.5	✓	Coarse Sand Ratio	45	N/A		Strength (kN)				10% FACT (Dry)		Mudrock/Dry		10% FACT (Wet)				Wet/Dry Rel. (%)				CBR				Moulding MC%	5.7			CBR @ 98%	108			CBR @ 97%	100			CBR @ 95%	84	Min 45	✓	CBR @ 93%	72			CBR @ 90%	56			Swell				Swell @ 100%	0.0	Max 0.5%	✓	Durability (%)				ACV (Dry)				ACV (Wet)				Flakiness Index				20mm<28mm				14mm<20mm				Atterberg Limits				-0.425mm				Liquid Limit	-	Max 30	✓	Plastic Limit	-			Linear Shrinkage	1.5	Max 5%	✓	LSx%Pass0.425	35			Plasticity index	S/P	Max 30	✓	-0.075mm				Liquid Limit	-			Plastic Limit	-			Linear Shrinkage	-			Plasticity index	-			G5				Classification:		Digitally signed by Jacobus Phillipus van Rensburg Date: 2024.04.16 12:18:04 +0200 Technical Signatory Jaco van Rensburg	
Test	Results	Specifications	Opinion																																																																																																																																														
Grading Modulus	2.2	1.5-2.5	✓																																																																																																																																														
Coarse Sand Ratio	45	N/A																																																																																																																																															
Strength (kN)																																																																																																																																																	
10% FACT (Dry)		Mudrock/Dry																																																																																																																																															
10% FACT (Wet)																																																																																																																																																	
Wet/Dry Rel. (%)																																																																																																																																																	
CBR																																																																																																																																																	
Moulding MC%	5.7																																																																																																																																																
CBR @ 98%	108																																																																																																																																																
CBR @ 97%	100																																																																																																																																																
CBR @ 95%	84	Min 45	✓																																																																																																																																														
CBR @ 93%	72																																																																																																																																																
CBR @ 90%	56																																																																																																																																																
Swell																																																																																																																																																	
Swell @ 100%	0.0	Max 0.5%	✓																																																																																																																																														
Durability (%)																																																																																																																																																	
ACV (Dry)																																																																																																																																																	
ACV (Wet)																																																																																																																																																	
Flakiness Index																																																																																																																																																	
20mm<28mm																																																																																																																																																	
14mm<20mm																																																																																																																																																	
Atterberg Limits																																																																																																																																																	
-0.425mm																																																																																																																																																	
Liquid Limit	-	Max 30	✓																																																																																																																																														
Plastic Limit	-																																																																																																																																																
Linear Shrinkage	1.5	Max 5%	✓																																																																																																																																														
LSx%Pass0.425	35																																																																																																																																																
Plasticity index	S/P	Max 30	✓																																																																																																																																														
-0.075mm																																																																																																																																																	
Liquid Limit	-																																																																																																																																																
Plastic Limit	-																																																																																																																																																
Linear Shrinkage	-																																																																																																																																																
Plasticity index	-																																																																																																																																																
G5																																																																																																																																																	
Classification:		Digitally signed by Jacobus Phillipus van Rensburg Date: 2024.04.16 12:18:04 +0200 Technical Signatory Jaco van Rensburg																																																																																																																																															

 <p>TESTPRO LABORATORY Materials Testing Laboratory</p>	 <p>sanas SANS 10400</p>
5 Voorbaai Crescent, Bayview, Hartenbos Tel : (041) 695 0831	P.O. Box 35, Hartenbos, 6520 e-mail : jaco@testpro.co.za

Client:	WH van Schalkwyk Vervoer BK
	P.O Box 687
	Riversdale
	6670
Attention:	Annemarie van Schalkwyk, 0825433844

SOIL ANALYSIS TEST REPORT

Job No:	TP21203
Order No:	-
Sample No:	3525
Project Information:	Entsha Henra: Ellenrust, Stilbaai
Number of pages:	2
Date Received:	09/04/2024
Date Sampled:	09/04/2024
Sampled by:	Client
Sample plan included:	No
Environmental Conditions:	Sample Delivered/
Delivered by:	Client
Sampling method:	Sampled by client
Source of sample:	Delivered
Condition of sample:	Good
Conformity statement requested by client:	Yes
Subcontractor (if any):	No
Material description:	Proposed G7
Tests Requested/Method:	SANS
	Grading SANS 3001-GR1
	Atterberg Limits SANS 3001-GR10 & -GR20
	M.D.D SANS 3001-GR30 & -GR20
	C.B.R. SANS 3001-GR40 & -GR20
Date Completed:	16/04/2024

Notes/Deviations
Sampled by client - TESTPRO Laboratory can not guarantee the test results to be representative. - -

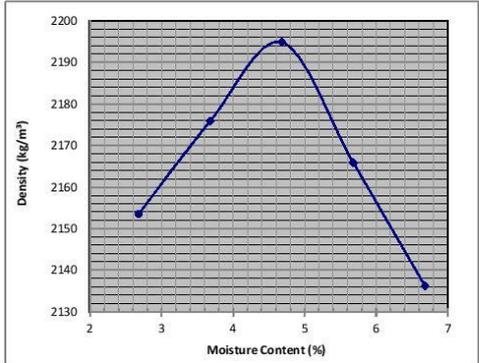
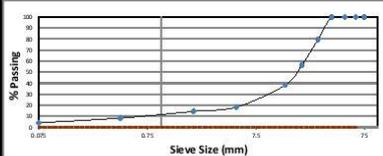
Remarks:

- All tests marked (#) are not included in our schedule of Accreditation.
- The results reported relate only to the sample tested. Statement of conformity are not made or implied in the report, unless required by the client. Review the results, expanded uncertainty, and specifications to ensure they meet your requirements.
The final decision rule will be the customers risk and not the Laboratory.
The Laboratory does not report a statement of conformity unless it is inherent in the requested specification or standard.
- This document is the correct record of all measurements made, and may not be reproduced other than with full written approval from the Technical Manager of TESTPRO Laboratory.
- Measuring equipment is traceable to national standards (Where applicable).
- Samples will be retained, for a one month period, before disposal.
- Tests are reported with an approximate 95% level of confidence.
- Uncertainty of measurement will only be reported if requested by the client.
- Opinions & Interpretations are not included in our schedule of Accreditation.

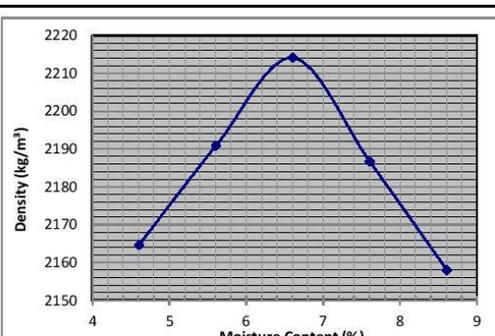
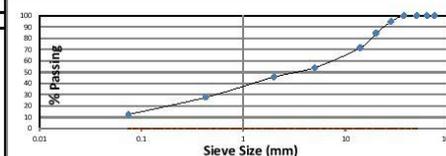
Digitally signed by
 Jacobus Phillipus
 van Rensburg
 Date: 2024.04.16
 12:41:08 +02'00'

Technical Signatory
 Jaco van Rensburg

Page 1 of 2

 <p>5 Voorbaal Crescent, Bayview, Hartenbos Tel : (041) 695 0831</p>		 <p>P.O. Box 35, Hartenbos, 6520 e-mail : jaco@tespro.co.za</p>							
Client: Vh van Schaikwyk Vervoer BK P.O. Box 687 Riversdale 6670		Date Reported: 16/04/2024 Job nr.: TP21203							
Attention: Annemarie van Schaikwyk, 0825433844		Specification: COLTO Order nr.: - Project: Entsha Henra: Ellenrust, Stilbaai							
SOIL ANALYSIS TEST REPORT									
SAMPLE INFORMATION		MATERIAL PROPERTIES							
Material Description: Proposed G7		GRADING: G7 Specifications							
Source: Delivered	Position/ Layer: Delivered	Sieve Size	% Passing						
Date Received: 09/04/2024	Date Tested: 16/04/2024	75	100						
Sampling Method: Sampled by client	Sample Number: 3525	63	100						
MDD, BD & AD Analysis		50	100						
MDD: 2195	OMC: 4.7	37.5	100						
BD: -	WA: -	20	90						
AD: -		15	58						
Method: Scalped	% Scalped: 14.1	10	38						
Uncertainty		7.5	18						
MDD: -	OMC: -	5	14						
		4.75	9						
		0.075	4.0						
		SIEVE ANALYSIS							
Density (kg/m³) vs Moisture Content (%)									
		Test Results Specifications Opinion							
		Grading Modulus: 2.7 0.75<2.7 o							
		Coarse Sand Ratio: 42 N/A							
		Strength (kN)							
		10% FACT (Dry): Mudrock Dry							
		10% FACT (Wet):							
		Wet/Dry Rel. (%):							
		CBR							
		Moulding MC%: 4.7							
		CBR @ 98%: 113							
		CBR @ 97%: 96							
		CBR @ 95%: 70							
		CBR @ 93%: 51 Min 35 ✓							
		CBR @ 90%: 32							
		Swell							
		Swell @ 100%: 0.0 Max 1.5% ✓							
		Durability (%)							
		ACV (Dry):							
		ACV (Wet):							
		Flakiness Index							
		20mm<28mm:							
		14mm<20mm:							
		Atterberg Limits							
		-0.425mm							
		Liquid Limit: -							
		Plastic Limit: -							
		Linear Shrinkage: 0.0							
		LS%Pass0.425: 0							
		Plasticity index: N/P Max 18.2 ✓							
		-0.075mm							
		Liquid Limit: -							
		Plastic Limit: -							
		Linear Shrinkage: -							
		Plasticity index: -							
		Possible G7							
		Classification:							
<table border="1"> <tr> <td>✓</td> <td>In Spec</td> </tr> <tr> <td>x</td> <td>Out of Spec</td> </tr> <tr> <td>o</td> <td>Even with a 95% certainty, reading could be out of spec.</td> </tr> </table>		✓	In Spec	x	Out of Spec	o	Even with a 95% certainty, reading could be out of spec.	Digitally signed by Jacobus Phillipus van Rensburg Date: 2024.04.16 12:41:23 +02'00'	
✓	In Spec								
x	Out of Spec								
o	Even with a 95% certainty, reading could be out of spec.								
		Technical Signatory Jaco van Rensburg							

 TESTPRO LABORATORY Materials Testing Laboratory			
5 Voorbaai Crescent, Voorbaai, Mossel Bay Tel. : (044) 695 0831		P.O. Box 35, Hartenbos, 6520 e-mail : jaco@testpro.co.za	
Client:	WH van Schalkwyk Vervoer BK P.O Box 687 Riversdale 6670		
Attention:	Annemarie van Schalkwyk, 0825433844		
SOIL ANALYSIS TEST REPORT			
Job No:	TP16909		
Order No:	-		
Sample No:	1635		
Project Information:	Buffelsfontein Quarry		
Number of pages:	2		
Date Received:	25/04/2022		
Date Sampled:	Not Specified		
Sampled by:	Client		
Sample plan included:	-		
Environmental Conditions:			
Delivered by:	Client		
Sampling method:			
Source of sample	Delivered		
Condition of sample:	Good		
Conformity statement requested by client:	Yes		
Subcontractor (if any)	No		
Material description:	Proposed Wearing Course		
Tests Requested/Method:	SANS		
	Grading	SANS 3001-GR 1	
	Atterberg Limits	SANS 3001-GR10 & -GR20	
	M.D.D	SANS 3001-GR30 & -GR20	
	C.B.R.	SANS 3001-GR40 & -GR20	
Date Completed:	29/04/2022		
Notes/Deviations			
Sampled by client - TESTPRO Laboratory can not guarantee the test results to be representative. - CBR Soaking period less than 4 days.			
Remarks:			
1. All tests marked (#) are not included in our schedule of Accreditation. 2. The results reported relate only to the sample tested. Statement of conformity are not made or implied in the report, unless required by the client. Review the results, expanded uncertainty, and specifications to ensure they meet your requirements. The final decision rule will be the customers risk and not the Laboratory. The Laboratory does not report a statement of conformity unless it is inherent in the requested specification or standard. 3. This document is the correct record of all measurements made, and may not be reproduced other than with full written approval from the Technical Manager of TESTPRO Laboratory. 4. Measuring equipment is traceable to national standards (Where applicable). 5. Samples will be retained, for a one month period, before disposal. 6. Tests are reported with an approximate 95% level of confidence. 7. Uncertainty of measurement will only be reported if requested by the client. 8. Opinions & Interpretations are not included in our schedule of Accreditation.			
		Digitally signed by Jacobus Phillipus Van Rensburg Date: 2022.05.04 13:54:34 +02'00'	
		Technical Signatory Jaco van Rensburg	

																																																								
5 Voorbaai Crescent, Voorbaai, Mossel Bay Tel. : (044) 695 0831		P.O. Box 35, Hartenbos, 6520 e-mail : jaco@testpro.co.za																																																						
Client:	WH van Schalkwyk Vervoer BK P.O Box 687 Riversdale 6670	Date Report:	04/05/2022																																																					
Attention:	Annemarie van Schalkwyk, 0825433844	Job nr.:	TP16909																																																					
		Specification:	COLTO																																																					
		Order no.:	-																																																					
		Project:	Buffelsfontein Quarry																																																					
SOIL ANALYSIS TEST REPORT																																																								
SAMPLE INFORMATION		MATERIAL PROPERTIES																																																						
Material Description	Proposed Wearing Course																																																							
Source	Delivered	Position/ Layer	Delivered																																																					
Date Received	25/04/2022	Date Tested	29/04/2022																																																					
Sampling Method		Sample Number	1635																																																					
MOD Analysis		GRADING																																																						
MDD	2214	kg/m ³	OMC																																																					
			6.6																																																					
Uncertainty		SIEVE ANALYSIS																																																						
MDD		kg/m ³	OMC																																																					
			%																																																					
																																																								
		<table border="1"> <thead> <tr> <th>Sieve Size</th> <th>% Passing</th> <th>Type 1 Specifications</th> <th>Uncertainty</th> <th>Opinion</th> </tr> </thead> <tbody> <tr><td>63</td><td>100</td><td></td><td></td><td></td></tr> <tr><td>50</td><td>100</td><td></td><td></td><td></td></tr> <tr><td>37.5</td><td>100</td><td></td><td></td><td></td></tr> <tr><td>28</td><td>95</td><td></td><td></td><td></td></tr> <tr><td>20</td><td>84</td><td></td><td></td><td></td></tr> <tr><td>14</td><td>72</td><td></td><td></td><td></td></tr> <tr><td>5</td><td>54</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>46</td><td></td><td></td><td></td></tr> <tr><td>0.425</td><td>28</td><td></td><td></td><td></td></tr> <tr><td>0.075</td><td>12.5</td><td></td><td></td><td></td></tr> </tbody> </table>		Sieve Size	% Passing	Type 1 Specifications	Uncertainty	Opinion	63	100				50	100				37.5	100				28	95				20	84				14	72				5	54				2	46				0.425	28				0.075	12.5	
Sieve Size	% Passing	Type 1 Specifications	Uncertainty	Opinion																																																				
63	100																																																							
50	100																																																							
37.5	100																																																							
28	95																																																							
20	84																																																							
14	72																																																							
5	54																																																							
2	46																																																							
0.425	28																																																							
0.075	12.5																																																							
		<table border="1"> <thead> <tr> <th>Test</th> <th>Results</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr><td>Grading</td><td>2.14</td><td></td><td></td></tr> <tr><td>Coarse Sand Ratio</td><td>40</td><td></td><td></td></tr> </tbody> </table>		Test	Results	Specifications	Opinion	Grading	2.14			Coarse Sand Ratio	40																																											
		Test	Results	Specifications	Opinion																																																			
Grading	2.14																																																							
Coarse Sand Ratio	40																																																							
<table border="1"> <thead> <tr> <th>Soil Mortars and Constants</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>Coarse sand (2.00 > 0.425)</td> <td>18</td> <td>-</td> </tr> <tr> <td>Medium Sand (0.250 > 0.150)</td> <td>15</td> <td>-</td> </tr> <tr> <td>Silt and clay (<0.075)</td> <td>12</td> <td>-</td> </tr> <tr> <td>Oversize Index</td> <td>0</td> <td>Max 5</td> </tr> <tr> <td>Shrinkage Product</td> <td>28</td> <td>100 - 365</td> </tr> <tr> <td>Grading Coefficient</td> <td>27</td> <td>16 - 34</td> </tr> </tbody> </table>		Soil Mortars and Constants	Specifications	Opinion	Coarse sand (2.00 > 0.425)	18	-	Medium Sand (0.250 > 0.150)	15	-	Silt and clay (<0.075)	12	-	Oversize Index	0	Max 5	Shrinkage Product	28	100 - 365	Grading Coefficient	27	16 - 34	<table border="1"> <thead> <tr> <th>Strength</th> <th>Results</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr><td>10% FACT (MN)</td><td>-</td><td></td><td></td></tr> <tr><td>CBR 98%</td><td>71</td><td></td><td></td></tr> <tr><td>CBR 97%</td><td>65</td><td></td><td></td></tr> <tr><td>CBR 95%</td><td>54</td><td>Min 15</td><td>✓</td></tr> <tr><td>CBR 93%</td><td>45</td><td></td><td></td></tr> <tr><td>CBR 90%</td><td>35</td><td></td><td></td></tr> </tbody> </table>		Strength	Results	Specifications	Opinion	10% FACT (MN)	-			CBR 98%	71			CBR 97%	65			CBR 95%	54	Min 15	✓	CBR 93%	45			CBR 90%	35						
		Soil Mortars and Constants	Specifications	Opinion																																																				
Coarse sand (2.00 > 0.425)	18	-																																																						
Medium Sand (0.250 > 0.150)	15	-																																																						
Silt and clay (<0.075)	12	-																																																						
Oversize Index	0	Max 5																																																						
Shrinkage Product	28	100 - 365																																																						
Grading Coefficient	27	16 - 34																																																						
Strength	Results	Specifications	Opinion																																																					
10% FACT (MN)	-																																																							
CBR 98%	71																																																							
CBR 97%	65																																																							
CBR 95%	54	Min 15	✓																																																					
CBR 93%	45																																																							
CBR 90%	35																																																							
<table border="1"> <thead> <tr> <th>Soil Mortars and Constants</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>Coarse sand (2.00 > 0.425)</td> <td>18</td> <td>-</td> </tr> <tr> <td>Medium Sand (0.250 > 0.150)</td> <td>15</td> <td>-</td> </tr> <tr> <td>Silt and clay (<0.075)</td> <td>12</td> <td>-</td> </tr> <tr> <td>Oversize Index</td> <td>0</td> <td>Max 5</td> </tr> <tr> <td>Shrinkage Product</td> <td>28</td> <td>100 - 365</td> </tr> <tr> <td>Grading Coefficient</td> <td>27</td> <td>16 - 34</td> </tr> </tbody> </table>		Soil Mortars and Constants	Specifications	Opinion	Coarse sand (2.00 > 0.425)	18	-	Medium Sand (0.250 > 0.150)	15	-	Silt and clay (<0.075)	12	-	Oversize Index	0	Max 5	Shrinkage Product	28	100 - 365	Grading Coefficient	27	16 - 34	<table border="1"> <thead> <tr> <th>Atterberg Limits</th> <th>Results</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr><td>Liquid Limit</td><td>-</td><td></td><td></td></tr> <tr><td>Plastic Limit</td><td>-</td><td></td><td></td></tr> <tr><td>Shrinkage</td><td>1.0</td><td></td><td></td></tr> <tr><td>LSX% Pass 0.425mm</td><td>28</td><td>100 - 365</td><td>✗</td></tr> <tr><td>Plasticity Index</td><td>S/P</td><td>W/A</td><td></td></tr> </tbody> </table>		Atterberg Limits	Results	Specifications	Opinion	Liquid Limit	-			Plastic Limit	-			Shrinkage	1.0			LSX% Pass 0.425mm	28	100 - 365	✗	Plasticity Index	S/P	W/A									
		Soil Mortars and Constants	Specifications	Opinion																																																				
Coarse sand (2.00 > 0.425)	18	-																																																						
Medium Sand (0.250 > 0.150)	15	-																																																						
Silt and clay (<0.075)	12	-																																																						
Oversize Index	0	Max 5																																																						
Shrinkage Product	28	100 - 365																																																						
Grading Coefficient	27	16 - 34																																																						
Atterberg Limits	Results	Specifications	Opinion																																																					
Liquid Limit	-																																																							
Plastic Limit	-																																																							
Shrinkage	1.0																																																							
LSX% Pass 0.425mm	28	100 - 365	✗																																																					
Plasticity Index	S/P	W/A																																																						
<table border="1"> <thead> <tr> <th>Soil Mortars and Constants</th> <th>Specifications</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>Coarse sand (2.00 > 0.425)</td> <td>18</td> <td>-</td> </tr> <tr> <td>Medium Sand (0.250 > 0.150)</td> <td>15</td> <td>-</td> </tr> <tr> <td>Silt and clay (<0.075)</td> <td>12</td> <td>-</td> </tr> <tr> <td>Oversize Index</td> <td>0</td> <td>Max 5</td> </tr> <tr> <td>Shrinkage Product</td> <td>28</td> <td>100 - 365</td> </tr> <tr> <td>Grading Coefficient</td> <td>27</td> <td>16 - 34</td> </tr> </tbody> </table>		Soil Mortars and Constants	Specifications	Opinion	Coarse sand (2.00 > 0.425)	18	-	Medium Sand (0.250 > 0.150)	15	-	Silt and clay (<0.075)	12	-	Oversize Index	0	Max 5	Shrinkage Product	28	100 - 365	Grading Coefficient	27	16 - 34	<table border="1"> <thead> <tr> <th>PERFORMANCE AS WEARING COURSE</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>Erodable Materials</td> <td>Good</td> </tr> <tr> <td>Ravels and Gurgulates</td> <td>Good - Preferable</td> </tr> </tbody> </table>		PERFORMANCE AS WEARING COURSE	Opinion	Erodable Materials	Good	Ravels and Gurgulates	Good - Preferable																										
		Soil Mortars and Constants	Specifications	Opinion																																																				
Coarse sand (2.00 > 0.425)	18	-																																																						
Medium Sand (0.250 > 0.150)	15	-																																																						
Silt and clay (<0.075)	12	-																																																						
Oversize Index	0	Max 5																																																						
Shrinkage Product	28	100 - 365																																																						
Grading Coefficient	27	16 - 34																																																						
PERFORMANCE AS WEARING COURSE	Opinion																																																							
Erodable Materials	Good																																																							
Ravels and Gurgulates	Good - Preferable																																																							
Remarks: TESTPRO Laboratory will not be held responsible for any errors made in the execution or reporting of tests as every care has been taken to ensure the correctness of all tests and reports.		<table border="1"> <thead> <tr> <th>Classification:</th> <th>Opinion</th> </tr> </thead> <tbody> <tr> <td>✓</td> <td>In Spec</td> </tr> <tr> <td>✗</td> <td>Out of Spec</td> </tr> <tr> <td>o</td> <td>Even with a 95% certainty, reading could be out of spec.</td> </tr> </tbody> </table>		Classification:	Opinion	✓	In Spec	✗	Out of Spec	o	Even with a 95% certainty, reading could be out of spec.																																													
		Classification:	Opinion																																																					
✓	In Spec																																																							
✗	Out of Spec																																																							
o	Even with a 95% certainty, reading could be out of spec.																																																							
Digitally signed by Jacobus Phillipus Van Rensburg Date: 2022.05.04 11:54:48 +02:00 Technical Signatory Jaco van Rensburg		Classification: <Wearing Course Type 1																																																						

**APPENDIX 5: MOST RECENT CASH MOVEMENT REPORTS FOR VSV PLANT
HIRE BK UNDER WHICH TRADING OCCURS FOR EXISTING MINE ON PORTION
46 A PORTION OF PORTION 23 OF FARM BUFFELSFONTEIN 435**

**VSV PLANT HIRE BK
FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024**

ALGEMENE INLIGTING

LAND VAN INKORPORASIE EN DOMISILIE	Suid-Afrika
AARD VAN BESIGHEID EN HOOFAKTIVITEITE	Siviele konstruksie
GEREGISTREERDE ADRES	Soebattersvlakte RIVERSDAL 6670
BESIGHEIDSADRES	Soebattersvlakte RIVERSDAL 6670
POSADRES	Posbus 687 RIVERSDAL 6670
BANKIERS	Nedbank
REKENINGKUNDIGE BEAMPTE	Fynbos Rekenmeesters
BESLOTE KORPORASIEREGISTRASIENOMMER	2008/177143/23
BELASTINGVERWYSINGSNOMMER	9325/839/16/6
BTW VERWYSINGSNOMMER	4240252686
WERKNEMERSBELASTING VERWYSINGSNOMMER	7090784309

VSV PLANT HIRE BK

FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

Die verslae en state soos vervat in die dokument verteenwoordig die finansiële state wat aan die lid voorgelê is:

INDEKS	BLADSY
VERSLAG VAN DIE REKENINGKUNDIGE BEAMPTE	3
LIDVERSLAG	4
STAAT VAN BATES EN LASTE	5
INKOMSTESTAAT	6 - 7
REKENINGKUNDIGE BELEID	8
AANTEKENINGE TOT DIE FINANSIËLE STATE	8 - 10
BELASTINGBEREKENING	11

VERSLAG VAN DIE REKENINGKUNDIGE BEAMPTTE

AAN VSV PLANT HIRE BK

Ons het die pligte van rekeningkundige beampte vir VSV Plant Hire BK vir die jaar geëindig 29 Februarie 2024 uitgevoer soos deur artikel 62 van die Wet op Beslote Korporasies, 1984, vereis word. Die finansiële state wat op bladsye 5 tot 11 uiteengesit word, is die verantwoordelikheid van die lid. Die Wet vereis nie dat 'n audit uitgevoer word nie en gevolglik is geen audit gedoen nie. Ons impliseer of spreek nie 'n mening of enige ander vorm van versekering oor die finansiële state uit nie.

Ons het vasgestel dat die finansiële state ooreenstem met die rekeningkundige rekords, saamgevat op die wyse wat deur artikel 58(2) van die Wet vereis word en het dit gedoen deur sodanige prosedures toe te pas en sodanige navrae ten opsigte van die rekeningkundige boeke en rekords te doen wat ons onder die omstandighede nodig ag. Ons het ook die rekeningkundige beleid nagesien wat aan ons voorgehou is asof dit in die opstel van die finansiële state gebruik is en ons is van mening dat dit toepaslik is vir die besigheid.

FYNBOS REKENMEESTERS

Per S VAN JAARVELD

Datum:

**Barrystraat 17
RIVERSDAL
6670**

VSV PLANT HIRE BK

FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

LIDVERSLAG

Die lid dien hul verslag vir die jaar geëindig 29 Februarie 2024 in.

1. INKORPORASIE

Die beslote korporasie is op 19 Augustus 2008 geïnkorporeer en het sy sertifikaat om met besigheid te begin op dieselfde dag verkry.

2. OORSIG VAN AKTIVITEITE

Hoofbesigheid en bedrywighede

Die beslote korporasie is betrokke by siviele konstruksie en is in Suid Afrika bedrywig.

Die beslote korporasie se bedryfsresultate en stand van sake word ten volle in die aangehegte finansiële state uiteengesit en vereis na ons mening geen bykomende kommentaar nie.

3. LIDBYDRAES

Daar was geen verandering in lidbydraes in die huidige jaar nie.

4. LID

Die beslote korporasie se lid gedurende die jaar en tot die datum van dié verslag is soos volg:

Naam	Nasionaliteit
M Gelderblom	Suid-Afrikaans

5. REKENINGKUNDIGE BEAMPTE

Fynbos Rekenmeesters sal in die volgende finansiële tydperk hul amp voortsit.

GOEDKEURING:

Die finansiële state wat op bladsye 3 tot 11 uiteengesit word en op die lopendesaa grondslag opgestel is, is op Datum: deur die lid goedgekeur en namens hom onderteken deur:

M Gelderblom

M GELDERBLOM

RIVERSDAL

Datum:

VSV PLANT HIRE BK
FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

STAAT VAN BATES EN LASTE

	Aant.	2024 R	2023 R
BATES			
Nie - Bedryfsbates			
Vaste bates	2	8 446 713	15 608 555
Lenings toegestaan	3	15 585 054	9 858 019
		<u>24 031 766</u>	<u>25 466 574</u>
Bedryfsbates			
Kontant en kontantekwivalente	4	531 038	404 822
Debiteure	5	1 326 131	1 652 494
		<u>1 857 169</u>	<u>2 057 316</u>
TOTALE BATES		<u>25 888 935</u>	<u>27 523 891</u>
EKWITEIT EN LASTE			
EKWITEIT			
Lid bydraes	6	100	100
Behoue verdienste		23 361 955	20 337 608
		<u>23 362 055</u>	<u>20 337 708</u>
LASTE			
Nie - Bedryfslaste			
Ander finansiële laste	7	2 298 319	7 032 319
Bedryfslaste			
Kontant en kontantekwivalente	4		
Krediteure	8	228 561	153 864
		<u>228 561</u>	<u>153 864</u>
TOTALE EKWITEIT EN LASTE		<u>25 888 935</u>	<u>27 523 891</u>

VSV PLANT HIRE BK**FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024****INKOMSTESTAAT**

	Aant.	2024 R	2023 R
INKOMSTE			
Verkope		15 431 838	12 572 941
KOSTE VAN VERKOPE			
Aankope		(3 600)	(56 400)
		(3 600)	(56 400)
BRUTO WINS			
		15 428 238	12 516 541
ANDER INKOMSTE			
Rente ontvang		155 960	58 825
Wins met verkoop van bate - verhaling		3 688 840	1 404 625
		3 844 800	1 463 450
BEDRYFSUITGAWES (Verwys na bladsy 7)			
		(13 335 707)	(11 140 070)
BEDRYFSWINS			
		5 937 330	2 839 920
Rente betaal	9	(576 992)	(478 732)
WINS VOOR BELASTING			
		5 360 338	2 361 188
Belasting		(2 335 990)	(308 748)
WINS/(VERLIES) VIR DIE JAAR			
		3 024 348	2 052 440
BEHOUE INKOMSTE - vorige jaar			
		20 337 608	18 285 168
BEHOUE INKOMSTE - huidige jaar			
		23 361 955	20 337 608

VSV PLANT HIRE BK
FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

INKOMSTESTAAT

	2024	2023
	R	R
BEDRYFSUITGAWES		
Bankkoste	(16 939)	(47 593)
Brandstof en olie	(4 030 410)	(1 034 996)
Heffings	(80 461)	(75 609)
Herstelwerk en onderhoud	(1 999 230)	(2 140 327)
Personeelkoste	(29 185)	(47 563)
Lone	(3 454 209)	(3 711 831)
Onthaal	(2 388)	(31 158)
Opleiding	-	(584)
Reis en verblyf	(83 998)	(52 121)
Rekenmeestersvergoeding	(31 220)	(29 125)
Skryfbehoeftes en rekenaarsuitgawes	(56 720)	(17 601)
Telefoon en posgeld	(28 180)	(24 083)
Tolgelde	-	(22)
Waardevermindering	(3 435 734)	(3 809 540)
Water en elektrisiteit	(87 033)	(117 916)
	(13 335 707)	(11 140 070)

VSV PLANT HIRE BK**FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024****REKENINGKUNDIGE BELEID****1 Aanbieding van die Finansiële State**

Die finansiële state is ooreenkomstig die algemeen aanvaarde rekeningkundige praktyk en die Wet op Beslote Korporasie, 1984 (No. 69 van 1984) opgestel. Die finansiële state is op die historiesekostegronslag opgestel. Dit word in Suid Afrikaanse Rand aangebied.

Die rekeningkundige beleid stem ooreen met dié van die vorige tydperk.

AANTEKENINGE TOT DIE FINANSIËLE STATE

	2024	2023
	R	R
2 VASTE BATES		
Voertuie		
- Kosprys	19 966 358	26 412 365
- Opgehoopte waardevermindering	(12 919 525)	(12 216 522)
	7 046 833	14 195 843
Rekenaartoerusting		
- Kosprys	94 848	94 848
- Opgehoopte waardevermindering	(94 848)	(82 016)
	-	12 832
Eiendom		
- Kosprys	1 399 880	1 399 880
- Opgehoopte waardevermindering	-	-
	1 399 880	1 399 880
	8 446 713	15 608 555
3 LENINGS TOEGESTAAN		
WH van Schalkwyk lening	1 032 538	823 621
WH van Schalkwyk Vervoer BK	14 552 516	9 034 399
	15 585 054	9 858 019

VSV PLANT HIRE BK

FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

AANTEKENINGE TOT DIE FINANSIËLE STATE

	2024	2024
	R	R
4 KONTANT EN KONTANTEKWIVALENTE		
Nedbank lopende rekening	531 038	404 822
5 DEBITEURE		
Suid-Afrikaanse Inkomste Diens - IB	540 945	535 214
Suid-Afrikaanse Inkomste Diens - BTW	-	-
Handelsdebiteure	785 186	1 117 280
	1 326 131	1 652 494
6 LIDBYDRAES		
M Gelderblom	100%	100
7 ANDER FINANSIËLE LASTE		
Bate finansiering	2 298 319	6 737 781
Stilbaai Sand en Klip lening	-	217 929
K201836140 lening	-	76 609
	2 298 319	7 032 319
8 KREDITEURE		
Bedryfskrediteure	5 739	-
Suid-Afrikaanse Inkomste Diens - BTW	192 920	115 982
Suid-Afrikaanse Inkomste Diens - IB	-	-
Suid-Afrikaanse Inkomste Diens - LBS en WVF	29 901	37 882
	228 561	153 864
9 RENTE BETAAL		
Bate finansiering	576 992	473 112
Bank	-	5 621
	576 992	478 732

VSV PLANT HIRE BK
FINANSIËLE STATE VIR DIE JAAR GEËINDIG 29 FEBRUARIE 2024

BELASTINGBEREKENING

	2024
	R
Netto inkomste volgens inkomstestaat	5 360 338
Wins/(Verlies) met verkoop van bates - WVM verhaling	(3 688 840)
Artikel 8(4)a Verhaling	6 485 568
Waardevermindering	3 435 734
Artikel 12 B Slytasie	(2 604 681)
Nie aftrekbare rentes SARS	-
Kapitale wins	-
Belasbare kapitaalwins (80%)	-
Belasbare inkomste vir 2024	<u>8 988 120</u>
Aangeslane verlies oorgedra van 2023	-
Belasbare inkomste	<u><u>8 988 120</u></u>
Belasting daarop teen KSOK %	<u><u>2 335 990.34</u></u>
Belastingaanspreeklikheid	
Bedrae verskuldig aan die begin van die jaar	-
Bedrae ontvangbaar ten opsigte van vorige jaar	(535 214)
Belasting ontvangbaar vir die huidige jaar	
Normale belasting	(5 731)
Volgens berekening	2 335 990
Eerste voorlopige betaling	(1 088 982)
Tweede voorlopige betaling	(1 252 739)
Bedrae ontvangbaar aan die einde van die jaar	<u><u>(540 945)</u></u>