



ENVIRONMENTAL & ENGINEERING

**APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16(2) OF THE MINERALS AND DEVELOPMENT RESOURCES AMENDMENT ACT, 2008 (ACT 49 OF 2008) TOGETHER WITH REGULATION 3 (6) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO 107 OF 1998): ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2014 (AS AMENDED), OVER PORTION 1 OF THE FARM WITKRAAL 878 AND THE FARM STANDARD SALT PAN 1959 SITUATED IN THE MAGISTERIAL DISTRICT OF BLOEMFONTEIN IN THE FREE STATE PROVINCE.**

**BACKGROUND INFORMATION DOCUMENT (BID) AND INVITATION TO COMMENT.**

**September 2021**

**DMR REF: FS 30/5/1/1/2/10618 PR**

#### **ENVIRONMENTAL ASSESSMENT PRACTITIONER: ECO ELEMENTUM (PTY) LTD**

The Eco Elementum group of companies provide an array of independent integrated environmental and engineering services to support our clients across a wide spectrum of industries to ultimately ensure cost effective total environmental and legal compliance. As one of the leading reputable firms in the industry we pride ourselves with a dedicated experienced professional specialist team of Environmental Assessment Practitioners, Scientists and Civil Engineers that focus on high quality interdisciplinary innovative consulting, design and construction solutions while placing our team and client relations at the heart of the business. Eco Elementum will act as the Independent Environmental Assessment Practitioner (EAP), as well as the Public Participation Practitioner for this integrated environmental authorisation process and PPP.



## PURPOSE OF THIS DOCUMENT

The purpose of this document is to provide all interested and affected parties (I&APs) with information about the proposed **J Hugo t/a Limestone Mining (Pty) Ltd** Prospecting Right Application and Basic Assessment Application Project. In addition, the document also aims to:

- Introduce and explain the Basic Assessment (BA) and Prospecting Right Application process, including the public participation process (PPP) that will be followed
- Invite all I&APs to comment on the proposed project by raising issues of concern and/or suggestions for enhanced benefits/alternatives on any aspect related to the proposed development.
- Inform I&AP's of the Public information open day that will be held.

## HOW TO REGISTER

To register, comment and/or obtain more information on the project please contact the following person(s):

Ms. Kelebone Sekonyela

Office: 012 807 0383

Email: kele@ecoe.co.za

Project Ref: 20-1257-AUTH (Limestone PR)

In order to ensure that you are identified and registered as an interested and/or affected party, please submit your name, contact information and interest / comment in the matter to the contact person given above before or on the 30<sup>th</sup> of October.

## INTRODUCTION AND BACKGROUND

Notice is hereby given in terms of the Minerals and Petroleum Resources Development Act (Act No.28 of 2002) (MPRDA), together with Regulation 3 (6) of the National Environmental Management Act (Act No 107 Of 1998): Environmental Impact Assessment Regulations 2014 (As Amended) (NEMA) and the National Water Act,1998 (Act No. 36 of 1998) (NWA), that **J Hugo t/a Limestone Mining (Pty) Ltd** has applied for a Prospecting Right (**FS 30/5/1/1/2/10618 PR**) for Limestone and Salt and would like to engage the local property owners, Interested and Affected Parties over Portion 1 of the farm Witkraal 878 and the farm Standard Salt Pan 1959, situated in the in the magisterial district of Bloemfontein in the Free State Province.

## ACTIVITIES & INFRASTRUCTURE

The Non-Invasive methods which will be used during the exploration program are as follows;

- Literature Study;
- Geological Mapping;
- Geophysical Survey;
- Interpretation of Information and decision making; and
- Sampling and resource modelling

Planned invasive prospecting methods entail conducting drilling to ascertain the existence of the expected minerals, its thickness and distribution. Drilling will be as follows:

- Reconnaissance drilling: 03
- Resource drilling: 07
- Feasibility drilling: 05

## SPECIALIST STUDIES

High level desktop assessments are undertaken in the following fields of study:

- Heritage Impact Assessment
- Ecological Assessment

The studies will determine where possible sensitive areas and areas of cultural importance are located, to determine the feasibility of the Project going forward.



## WHAT IS A BAR /EMP

The National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the Mineral and Petroleum Resource Development Act, 2002 (Act No. 28 of 2002) (MPRDA) prescribes the processes to be followed when compiling the Basic Assessment (BA) and the Environmental Management Programme (EMP), in respect of listed activities and mining operations respectively, that forms the legal basis of this authorisation. The process aims to ensure that all relevant factors are considered when evaluating the potential environmental impacts of a project, as well as developing appropriate environmental management measures to mitigate these impacts.

The purpose of the BA is to assess the current environment in which a proposed activity will take place and assess all potential impacts in terms of its extent, duration, intensity and significance relating to the specific activity. The EMP describes the goals and objectives for environmental management to minimise or eliminate the potential environmental impacts, the action plans to bring effect to those goals and objectives, the procedures to be implemented to ensure integration of environmental management into the daily operations, as well as a plan to raise awareness of employees and the surrounding community with regards to environmental management.

## LEGAL REQUIREMENT

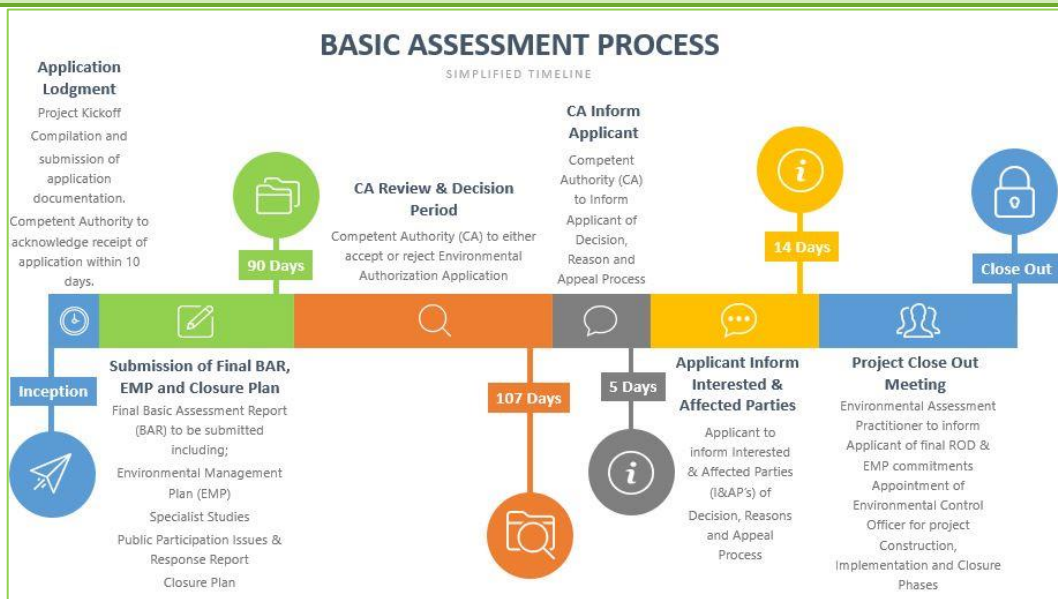
The mine requires the following approvals prior to commencement:

- Prospecting Right (MPRDA):
- Environmental Authorisation (NEMA and EIA Regulations) namely:
  - GNR 983 (Listing Notice 1)
    - Activity 12;
    - Activity 20
    - Activity 27

## LOCATION

Closest town:	Petrusburg
Farm Portions:	Portion 1 of the farm Witkraal 878 and the farm Standard Salt Pan 1959.
Local Municipality:	Letsemeng Local Municipality
District Municipality:	Xhariep District Municipality

## BA PROCESS



#### HOW CAN I GET INVOLVED?

Please send us your comments/views so that we can address them during the BAR process. Once you register (see attached registration form), Eco Elementum (Pty) Ltd will keep you informed of the availability of the reports.

The Draft Basic Assessment Report will be made available for a 30-day public review period (30 September 2021 to 30 October 2021) on the website (<http://ecoelementum.co.za/downloads/>).

**To register and/or obtain more information on the project please contact the following person(s) or complete the attached registration form and return to:**

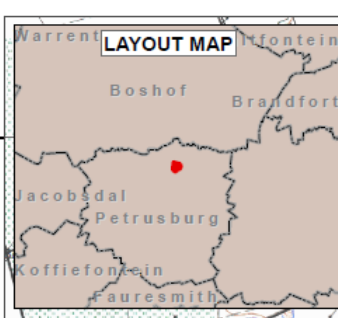
**Environmental Assessment Practitioner**

**Kelebone Sekonyela**

**Office: 012 807 0383**

**Email: [kele@ecoe.co.za](mailto:kele@ecoe.co.za) Project Ref: 20-1257-AUTH (Limestone) –  
Prospecting Right**





Co-ordinates Decimal Degree		Co-ordinates WG 25	
A	28.94910 S 25.51797 E	A	-50495.46 Y 3203748.26 X
B	28.95966 S 25.54402 E	B	-53031.09 Y 3204620.86 X
C	28.96767 S 25.54461 E	C	-53083.14 Y 3205808.20 X
D	28.96765 S 25.54036 E	D	-52668.89 Y 3205804.08 X
E	28.97358 S 25.54032 E	E	-52661.99 Y 3206461.33 X
F	28.97352 S 25.52783 E	F	-51444.67 Y 3206440.19 X
G	28.97532 S 25.52852 E	G	-51511.03 Y 3206640.00 X
H	28.97691 S 25.52988 E	H	-51642.79 Y 3206825.82 X
J	28.97831 S 25.53037 E	J	-51689.85 Y 3206981.21 X
K	28.97973 S 25.53005 E	K	-51657.96 Y 3207138.46 X
L	28.98085 S 25.52912 E	L	-51566.77 Y 3207262.19 X
M	28.98134 S 25.52654 E	M	-51315.08 Y 3207315.38 X
N	28.98191 S 25.52498 E	N	-51162.76 Y 3207377.88 X
P	28.98378 S 25.52468 E	P	-51132.61 Y 3207585.02 X
Q	28.98352 S 25.52260 E	Q	-50930.03 Y 3207555.30 X
R	28.98165 S 25.52290 E	R	-50960.18 Y 3207348.16 X
S	28.98028 S 25.52054 E	S	-50730.85 Y 3207195.30 X
T	28.97867 S 25.51545 E	T	-50235.56 Y 3207014.68 X
A	28.94910 S 25.51797 E	A	-50495.46 Y 3203748.26 X

# LIMESTONE MINING (PTY) LTD

## APPLICATION FOR PROSPECTING RIGHT AREA

Portion 1 of the farm Witkraal 878 and the farm Standard Salt Pan 1959

### Legend

- Prospecting Right Area
- Cadastral boundaries
- Magisterial District

1:50 000 Map Reference

VERKLARING	REFERENCE
International Cross or Bases	International Boundary and Base
Provinceal Grens	Provinceal Boundary
Weg of Monument op Standpunte	Grens, Water Reserve of State Forest Boundary
Standpunte River	Perennial River
Standpunte Water	Perennial Water
Wetstandpunte River	Non-perennial River
Wetstandpunte Water	Non-perennial Water
Droë Pan	Dry Water Course
Mark on the Paper (in die grond)	Mark and the Physical feature ground
Watering, Reservoir, Waterpan	Water Course, Reservoir, Water Point
Kuierwater	Creeper Pans
Frankiese Kluise	Frankiese Kluise
Kroes, Sand	Kroes, Sand
Wolwe Sand	Wolwe Sand
Reënwater Land	Reënwater Land
Boord of Wingerd	Boord of Wingerd
Onbesoedigde Grond	Onbesoedigde Grond
Reë Bome	Reë of Trees

The figure lettered A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, A represents an area in extent 693.4340 hectares, comprising of the Portion 1 of the farm Witkraal 878 and the farm Standard Salt Pan 1959, Magisterial District of Bioemfontein RD, in respect of which Limestone Mining (Pty) Ltd apply for a Prospecting Right in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), subject to Regulation 17 of the Mine Health and Safety Act, 1996 (Act 29 of 1996), excluding any area within 100 metres of any public road, railway, cemetery, residential area or public area.

Co-ordinates and property description supplied by the client and were not physically surveyed and are therefore an estimation and an indication of property only

*C. Mc Gee*  
C. Mc Gee - Compiled and Drawn by

Date

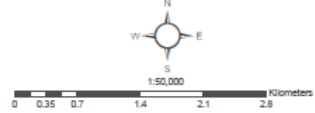
Limestone Mining (Pty) Ltd Date

Regional Manager Freestate Region Date

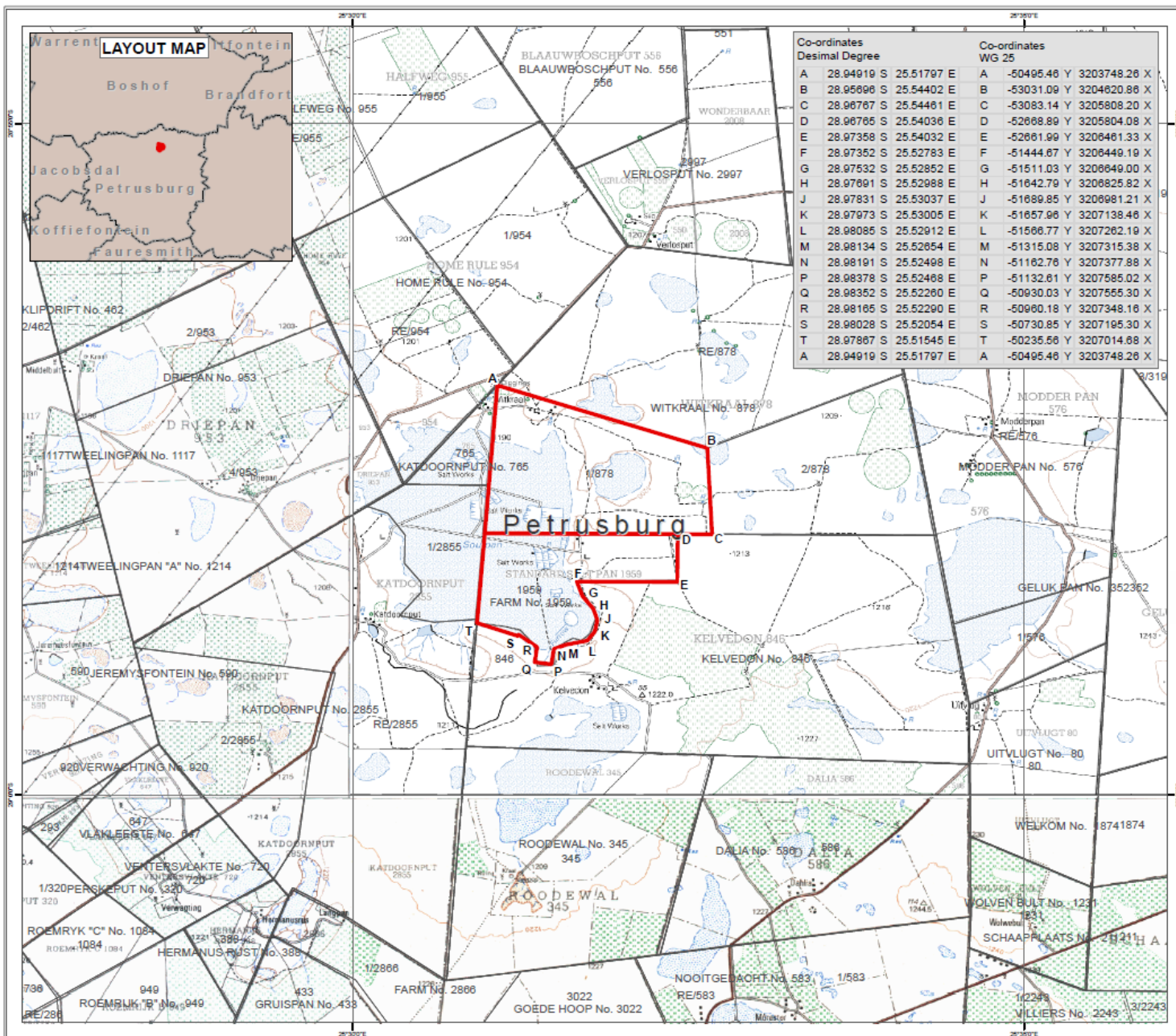
LOCALITY PLAN COMPILED IN ACCORDANCE WITH REGULATION 2(2) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002)

1:50000 map: 2825CD, 2825DC, 2925AB, 2925BA  
Map Co-ordinate System: Decimal Degree  
Spheroid and Datum: WGS84/WGS84

Please take note that the co-ordinates and area were derived from a GIS and were not physically surveyed and are therefore an estimation only



C. Mc Gee - Compiled and Drawn by  
Mobile: 082 940 9898; E-mail: blue.700626@gmail.com  
Map Ref nr: 21-123  
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**20-1257-AUTH (Limestone Mining PR – Prospecting Right**

**DMR REFERENCE: FS 30/5/1/1/2/10618 PR**

**Registration & Comment Form**

Title: \_\_\_\_\_ Name: \_\_\_\_\_

Surname: \_\_\_\_\_

Nature of Interest: \_\_\_\_\_

Postal or Residential address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email address: \_\_\_\_\_

Yes, I would like to participate in this public participation process	
No, I am not interested in participating	
I confirm that I received the BID	



