



ENVIRONMENTAL & ENGINEERING

APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16(2) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT 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), IN RESPECT OF PORTIONS 4 AND 5 OF THE FAR RIETFONTEIN 458 AND PORTION 1 AND REMAINING EXTENT OF THE FARM ENKELDOORN 605, SITUATED IN THE LEJWELEPUTSWA DISTRICT MUNICIPALITY WITHIN THE NALA LOCAL MUNICIPALITY, FREE STATE PROVINCE.

BACKGROUND INFORMATION DOCUMENT (BID).

July 2021

DMR REF: FS 30/5/1/1/2/10600 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 National Treasure Minerals (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 day 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: 21-1441-AUTH (Rietfontein 106001) 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 9 August 2021.

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), that National Treasure Minerals (Pty) Ltd (NTM) has applied for a Prospecting Right (**FS 30/5/1/1/2/ 10600 PR**) for heavy minerals, monazite (heavy minerals), rutile (heavy minerals), rare earths, zircon, garnet, zirconium ore, titanium and leucoxene (heavy minerals), in respect of portions 4 and 5 of the farm Rietfontein 458 and portion 1 and remaining extent of the farm Enkeldoorn 605, situated in the Lejweleputswa District Municipality within the Nala Local Municipality, 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: 5.
- Resource drilling: 6.
- Feasibility drilling: 9

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

LEGAL REQUIREMENT



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.

The mine requires the following approvals prior to commencement:

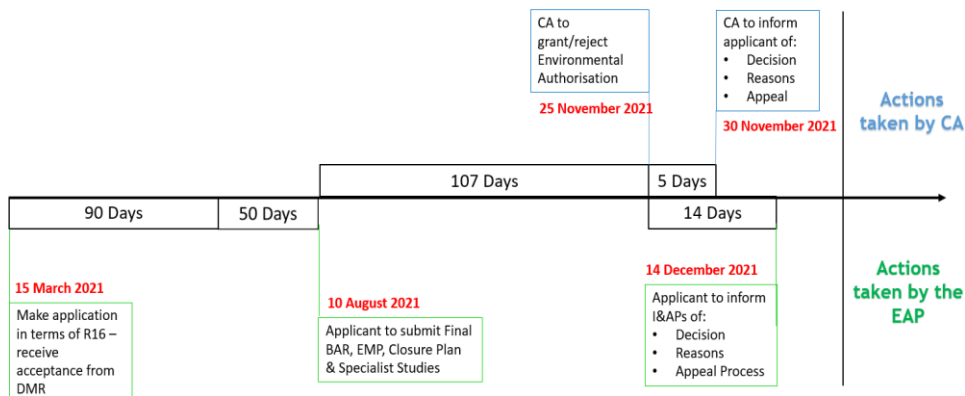
- Prospecting Right (MPRDA):
- Environmental Authorisation (NEMA and EIA Regulations) namely:
 - GNR 983 (Listing Notice 1)
 - Activity 12;
 - Activity 20
 - Activity 27

LOCATION

Closest town:	Bothaville
Farm Portions:	Portions 4 and 5 of the farm Rietfontein 458 and Portion 1 and Remaining Extent of the farm Enkeldoorn 605
District Municipality:	Lejweleputswa District Municipality
Local Municipality:	Nala Local Municipality

BA PROCESS

Basic Assessment 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 (9 July 2021 to 9 August 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

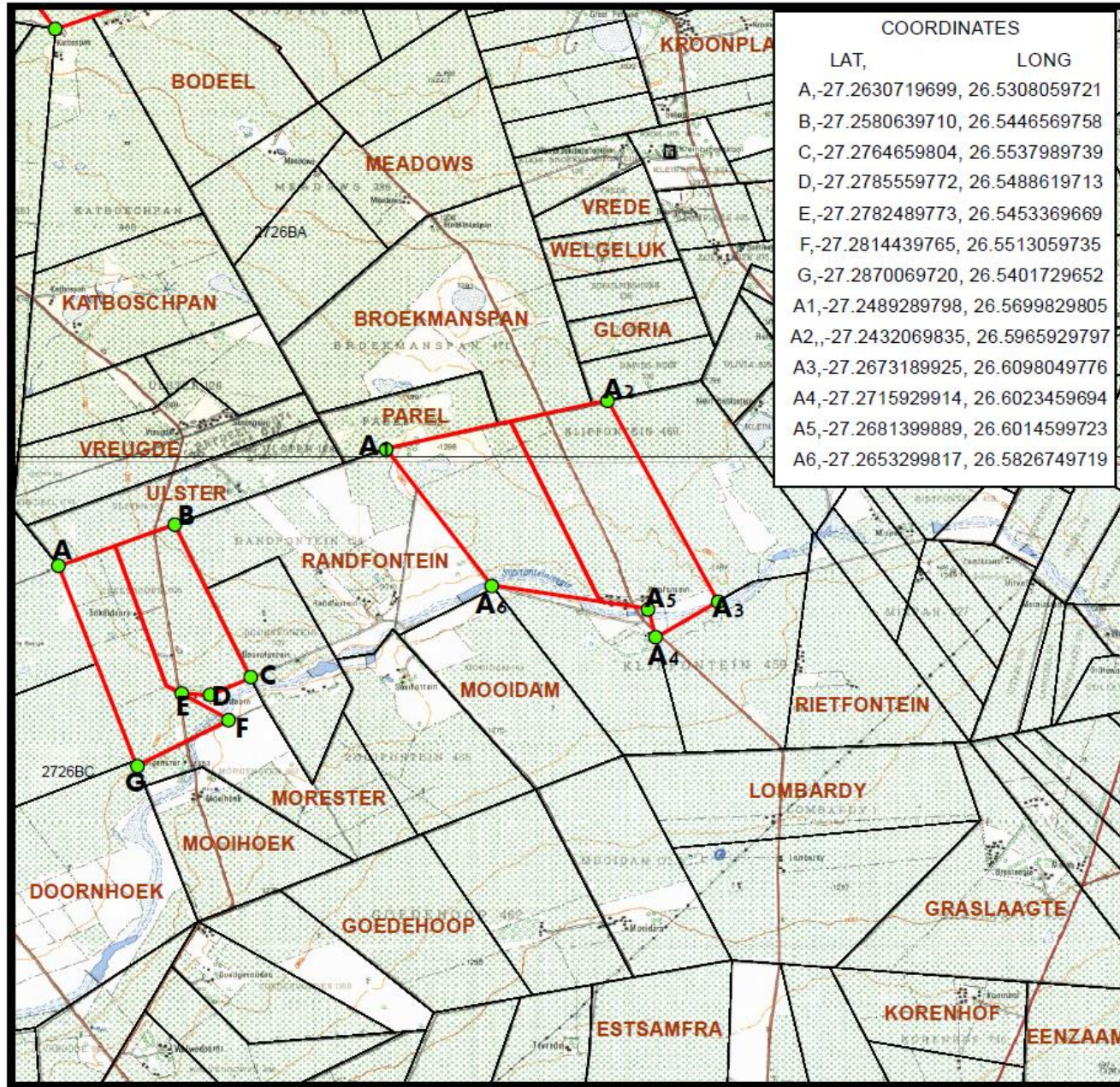
Kelebone Sekonyela

Office: 012 807 0383

Email: kele@ecoe.co.za

Project Ref: 21-1441-AUTH (Rietfontein 10600)– ProspectingRight





COORDINATES	
LAT,	LONG
A,-27.2630719699,	26.5308059721
B,-27.2580639710,	26.5446569758
C,-27.2764659804,	26.5537989739
D,-27.2785559772,	26.5488619713
E,-27.2782489773,	26.5453369669
F,-27.2814439765,	26.5513059735
G,-27.2870069720,	26.5401729652
A1,-27.2489289798,	26.5699829805
A2,-27.2432069835,	26.5965929797
A3,-27.2673189925,	26.6098049776
A4,-27.2715929914,	26.6023459694
A5,-27.2681399889,	26.6014599723
A6,-27.2653299817,	26.5826749719

NATIONAL TREASURE MINERALS (Pty) Ltd
APPLICATION FOR PROSPECTING RIGHT
RIETFONTEIN 458: 4 & 5
ENKELDOORN 605: RE & 1

Legend

- Prospecting Area
- District Municipalities
- Local Municipalities

VERKLARING	REFERENCE
Intermittent Shale in Soil	International Boundary and Bound
Provisional Shale	Provisional Boundary
Shale in Hatched or Dotted Pattern	Local, National & State Provincial
Shale in Blue	Provisional Area
Shale in Green	Not shown Area
Shale in Yellow	Not shown Area
Shale in Red	Not shown Area
Shale in White	Not shown Area
Shale in Grey	Not shown Area
Shale in Pink	Not shown Area
Shale in Purple	Not shown Area
Shale in Brown	Not shown Area
Shale in Orange	Not shown Area
Shale in Light Blue	Not shown Area
Shale in Light Green	Not shown Area
Shale in Light Yellow	Not shown Area
Shale in Light Purple	Not shown Area
Shale in Light Brown	Not shown Area
Shale in Light Orange	Not shown Area
Shale in Light Light Blue	Not shown Area
Shale in Light Light Green	Not shown Area
Shale in Light Light Yellow	Not shown Area
Shale in Light Light Purple	Not shown Area
Shale in Light Light Brown	Not shown Area
Shale in Light Light Orange	Not shown Area
Shale in Light Light Light Blue	Not shown Area
Shale in Light Light Light Green	Not shown Area
Shale in Light Light Light Yellow	Not shown Area
Shale in Light Light Light Purple	Not shown Area
Shale in Light Light Light Brown	Not shown Area
Shale in Light Light Light Orange	Not shown Area
Shale in Light Light Light Light Blue	Not shown Area
Shale in Light Light Light Light Green	Not shown Area
Shale in Light Light Light Light Yellow	Not shown Area
Shale in Light Light Light Light Purple	Not shown Area
Shale in Light Light Light Light Brown	Not shown Area
Shale in Light Light Light Light Orange	Not shown Area

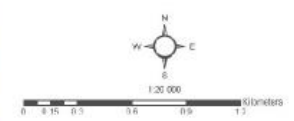
The figure entered, represents a prospecting right in extent approximately 1200 hectares, comprising of various portions of the farms RIETFONTEIN 458: 4 & 5 ENKELDOORN 605: RE & 1 in which NTM (PTY) LTD has applied for a prospecting right in terms of section 27 of the mineral and petroleum resources development act, 2002 (act 28 of 2002), to mine but subject to regulation 17 of the mine health & safety Act, 1996 (29 of 1996) excluding any area within 100 metres of any public road, railway, cemetery, residential area or public area.

SURVEYOR REGIONAL MANAGER APPLICANT

PLAN COMPILED IN ACCORDANCE WITH REGULATION 2(1) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002)

1:50000 map: 252888
 Map Co-ordinate System: GCS Africa South
 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 as indicated only





21-1441-AUTH (Rietfontein 10600)– Prospecting Right

DMR REFERENCE: FS 30/5/1/1/2 (10600) 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	



