

AFRIMAT AGGREGATES OPERATIONS (PTY) LTD

**APPLICATION FOR A MINING RIGHT ON PORTION 31
OF THE FARM WARM ZAND NO.468 SITUATED IN
THE MAGISTERIAL DISTRICT OF GORDONIA,
NORTHERN CAPE PROVINCE**

BACKGROUND INFORMATION DOCUMENT (BID)

April 2017



THE PURPOSE OF THIS DOCUMENT

This Background Information Document (BID) aims to provide you, as an Interested and Affected Party (I&AP), with information regarding the proposed application for a mining right on Portion 31 and the Remaining Extent of the farm Warm Zand 468. Any individual, company, authority or other entity that might be directly or indirectly affected by the proposed activity is invited to register as an Interested or Affected Party (I&AP). This includes, but is not limited to landowners, tenants, municipal and provincial authorities, interest groups, Non-Government Organisations and conservation groups.

The BID provides I&APs with the project information, opportunity to comment by raising any issues of concern or interest regarding the proposed project, information on how the Scoping and Environmental Impact Assessment (EIA) process will be undertaken, and creates a platform for all key interested and affected parties to be involved in the project. The sharing of information forms the basis of the Public Participation Process and offers you the opportunity to become actively involved in the project from the outset.

STUDY AREA

The quarry is located on Portion 31 and the Remaining Extent of the farm Warm Zand 468 situated in the Magisterial District of Gordonia, Northern Cape Province. The site is commonly known to Afrimat as Friersdale Quarry. The Friersdale quarry is situated in an agricultural setting approximately 16km from Keimoes towards Kakamas. See Figure 2 below.

PROJECT BACKGROUND AND DESCRIPTION

Afrimat Aggregates Operations (Pty) Ltd proposes to apply for a mining right to mine Dolerite on Portion 31 and the Remaining Extent of the farm Warm Zand 468. An approximately 55.2 ha area has been marked

out for the prospect of mining. This is an open cast operation where quarrying will take place utilising a bench cut method. The material which will be mined is Dolerite best suited for the lower aggregates such as sub-base and base gravel and sand.

The proposed extension of the Friersdale quarry is required in order to support Afrimat's aggregate mining operations and is dictated by the locality of the dolerite reserve. Afrimat has investigated the economic viability, including the environmental sustainability and technical feasibility of the aggregate mine in the region of the proposed mine. Afrimat is currently mining aggregate on the same farm under several mining permits and is well aware of the sales environment and demand for the product in the Bedford area. This project will ensure that Afrimat is able to continue with its considerable contribution to the regional and national economy. It will also become a contributor to the economies of the local and district municipality.

Water trucks will be used to suppress dust generated during the quarrying process. A water use license has already been submitted (still under process) to the Northern Cape Department of Water Affairs to apply for the abstraction of water in the nearby Orange River. Potable water will daily be transported to site

The proposed activity will not require any beneficiation or processing of the dolomite prior to it being sold. Approximately 15 people and this will be a combination of permanent skilled operators and local workers will be employed at the site. The mining procedure will entail opening up a quarry through open cast mining methods. The applicant will:

- drill and blast the hard rock after the topsoil of the area has been stripped and stockpiled,
- load and haul the material out of the excavation to the crushing and screening plants,
- crush and screen the recovered material at the crusher plant in order to reduce it to various size aggregate,
- Stockpile the aggregate at a stockpile area until it is collected by clients.

Afrimat envisages that the surface infrastructure for the project will consist of the following:

- Site Office
- Site vehicles
- Site Storage Area
- Drilling Equipment (but not permanently required)
- Excavating Equipment
- Earth Moving Equipment
- Mobile crushers and mobile screens infrastructure
- Parking area for visitors and site vehicles
- Vehicle service area with wash bay
- Bunded diesel and oil storage facilities
- Generator on bunded area
- Ablution Facilities
- Weigh Bridge
- Demarcated general and hazardous waste area

LEGAL FRAMEWORK

In terms of Sections 24(2) and 24D of the National Environmental Management Act (Act No. 107 of 1998), as amended, and as read on Listing Notice 2 (Government Notices R. 984 in Government Gazette 38282 of 4 Dec 2014) a Scoping and EIA is required for the project as per the following listed activities:

- **GN R 983, Listing Notice 1, Activity 22:** The decommissioning of any activity requiring -
 - (i) a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002);
- **GN R 984, Listing Notice 2, Activity 15:** The development of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation of release of emissions, pollution or effluent
- **GN R 984, Listing Notice 2, Activity 15:** The clearance of an area of 20 ha or more of indigenous vegetation
- **GN R 984, Listing Notice 2, Activity 17:** Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)
- **GN R 984, Listing Notice 2, Activity 21:** Any activity including the operation of that activity associated with the primary processing of a mineral resource including winning, reduction, extraction, classifying, concentrating, crushing, screening and washing but excluding the smelting, beneficiation, refining, calcining, or gasification of the mineral resource in which case activity 6 in this Notice applies.
- **GNR 985, Listing Notice 3, Activity 28:** The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.
 - (d) In Northern Cape
 - (i) Within any critical or endangered ecosystem listed in terms of Section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;

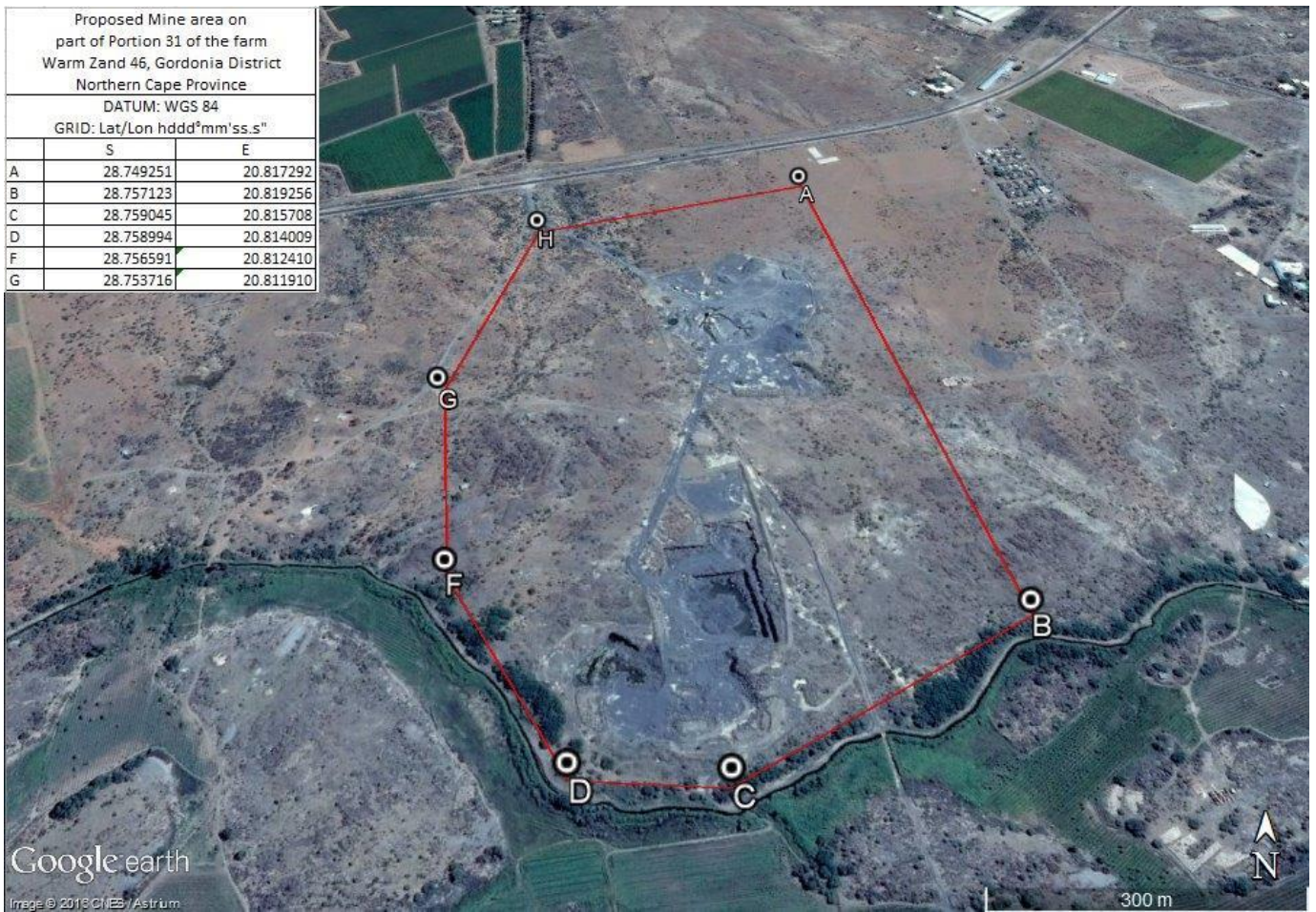


Figure 1: Google Earth photo showing the proposed extension of the existing quarry on farm Warm Zand.

SCOPE OF PROJECT

The Environmental Impact Assessment application process will include:

- Submission of Environmental Impact Assessment (EIA) application forms to Northern Cape Department of Mineral Resources (DMR).
- Consultation with Interested and Affected Parties (I&APs).
- A number of potential environmental impacts associated with the project have been identified. As part of the environmental authorisation, these potential impacts will be assessed through the following specialist studies:
 - Heritage Assessment;
 - Palaeontological Assessment;
 - Ecological Assessment (flora and fauna);
 - Air Quality Assessment; and
 - Environmental Noise Assessment.
- Submission of Final scoping report to DMR following consultation with I&APs.
- Compilation and submission of an EIA report and Environmental Management Programme (EMPr to DMR following consultation with I&APs.
- Decision making by DMR – the competent authority use the documents to decide if the project should go ahead or not
- Notification of I&APs of the competent authority's decision and appeal process

YOUR ROLE AS AN INTERESTED & AFFECTED PARTY

As a stakeholder are invited to register as an Interested and Affected Party (I&APs) and to participate in the scoping process by commenting on the proposed mining permit application.

You can participate in the following manner:

- Contact the public participation office if you would like to further information on the project;
- Review all project documentation provided to you;
- Attend focus group meetings and key stakeholder workshops should there be any;
- Raise issues that you are concerned about, make suggestions for enhanced project benefits, and provide the project team with information on issues relevant to the proposed routes;

COMMENTS AND QUERIES

Contact Details: Public Participation Office
Please direct all comments, queries or issues to:

Ntsanko Ndlovu

Tel: 011 439 3260

Cell: 082 728 8975

Fax: 086 607 1354

E-mail: ntsanko.ndlovu@afrimat.co.za

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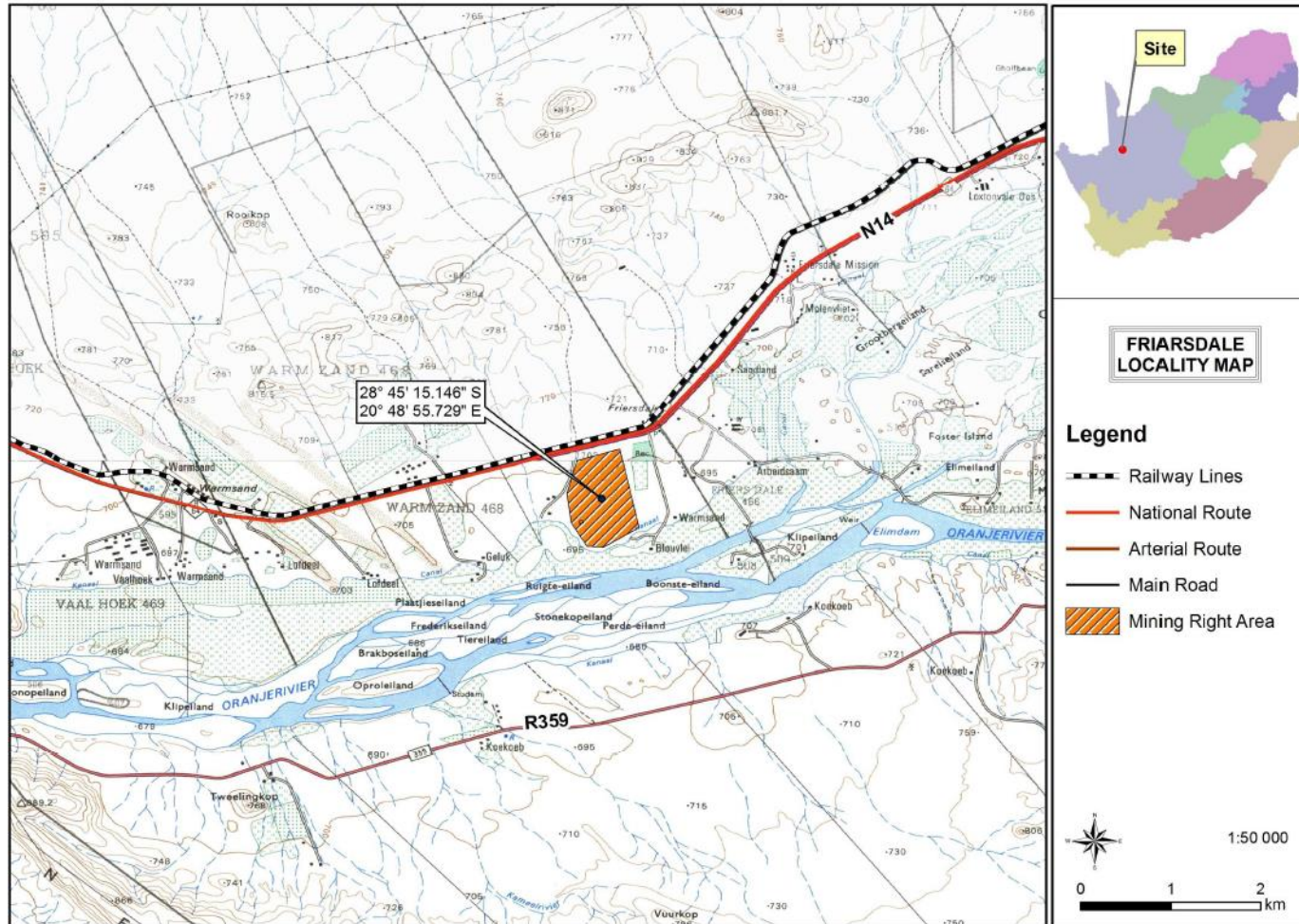


Figure 2: PROJECT LOCALITY MAP

**APPLICATION FOR A MINING RIGHT ON PORTION 31 OF THE FARM WARM ZAND NO.468
SITUATED IN THE MAGISTERIAL DISTRICT OF GORDONIA, NORTHERN CAPE PROVINCE
REGISTRATION AND SHEET, APRIL 2017**

Please complete and return to the address below by the 22 May 2017:

Ntsanko Ndlovu
Afrimat (Pty) Ltd
Tel: 011 439 3260
Cell: 082 728 8975
Fax: 086 607 1354
E-mail: ntsanko.ndlovu@afrimat.co.za

NAME		SURNAME	
ORGANISATION		EMAIL	
TITLE/POSITION			
POSTAL ADDRESS			POSTAL CODE
TEL NO		FAX NO	

COMMENTS (please use separate sheets if necessary)

1. The following environmental, social and economic issues must be addressed by the EMP

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2. My comments on the public participation and/or technical processes as outlined in the BID are as follows:

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3. I suggest that the following stakeholder/s or role player be included in the consultation process:

Please list their names and contact details below:

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4. Any other comments:

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