



the dme

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

DME 12

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Cnr. Diaz and Mount Roads
Mount Croix
Port Elizabeth, 6001

Enquiries: D.A. Watkins
E-mail: deidre.watkins@dme.gov.za

Reference:
Date:

EC30/5/1/3/3/2/1(0380)EM
7 December 2009

South African Heritage Resources Agency
P.O. Box 758
GRAHAMSTOWN
6140

CaseID: 2451

ATTENTION: MR. T. LUNGILE

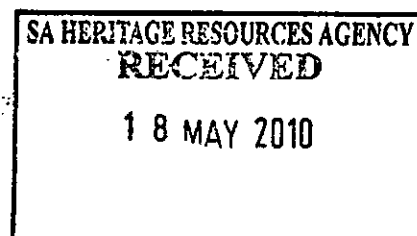
Sir

**CONSULTATION IN TERMS OF SECTION 40 OF THE MPRDA OF 2002:
GRAVEL MINING ON ERF 1362, BLOEMENDAL, DIVISION OF PORT
ELIZABETH, EASTERN CAPE**

1. Mr. D J Smith applied for a mining permit on the abovementioned area. Attached the following for your attention and comments:
 - ❖ Contact details of the applicant;
 - ❖ Locality Map;
 - ❖ Mine Development Plan
2. Please forward any written comments or requirements your department may have in this regard, to this office no later than **22 January 2010**. Failure to do so, will lead to the assumption that your department has no objection(s) or comments with regard to the said documents.
3. Consultation in this regard has also been initiated with other relevant State Departments.
4. Please use the reference numbers as indicated in all future correspondence.
5. Your co-operation is appreciated.

Yours faithfully

REGIONAL MANAGER
EASTERN CAPE



1957

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PARTICULARS OF APPLICANT**Applicant and responsible person**

Mr. D. J. Smith
P.O. Box 408
Jan Kempdorp
8550

ID 5301075052 081

Cell: 0825543426

Fax No. 053-4562563

Mine manager

Mr. J. E. Victor
70 River Road
WALMER
6070

Supporting Manager

F. C. Marx
24 Cornelia Street
FRAMESBY
6045

Surface owner

Nelson Mandela Bay Municipality

Holder of mineral rights

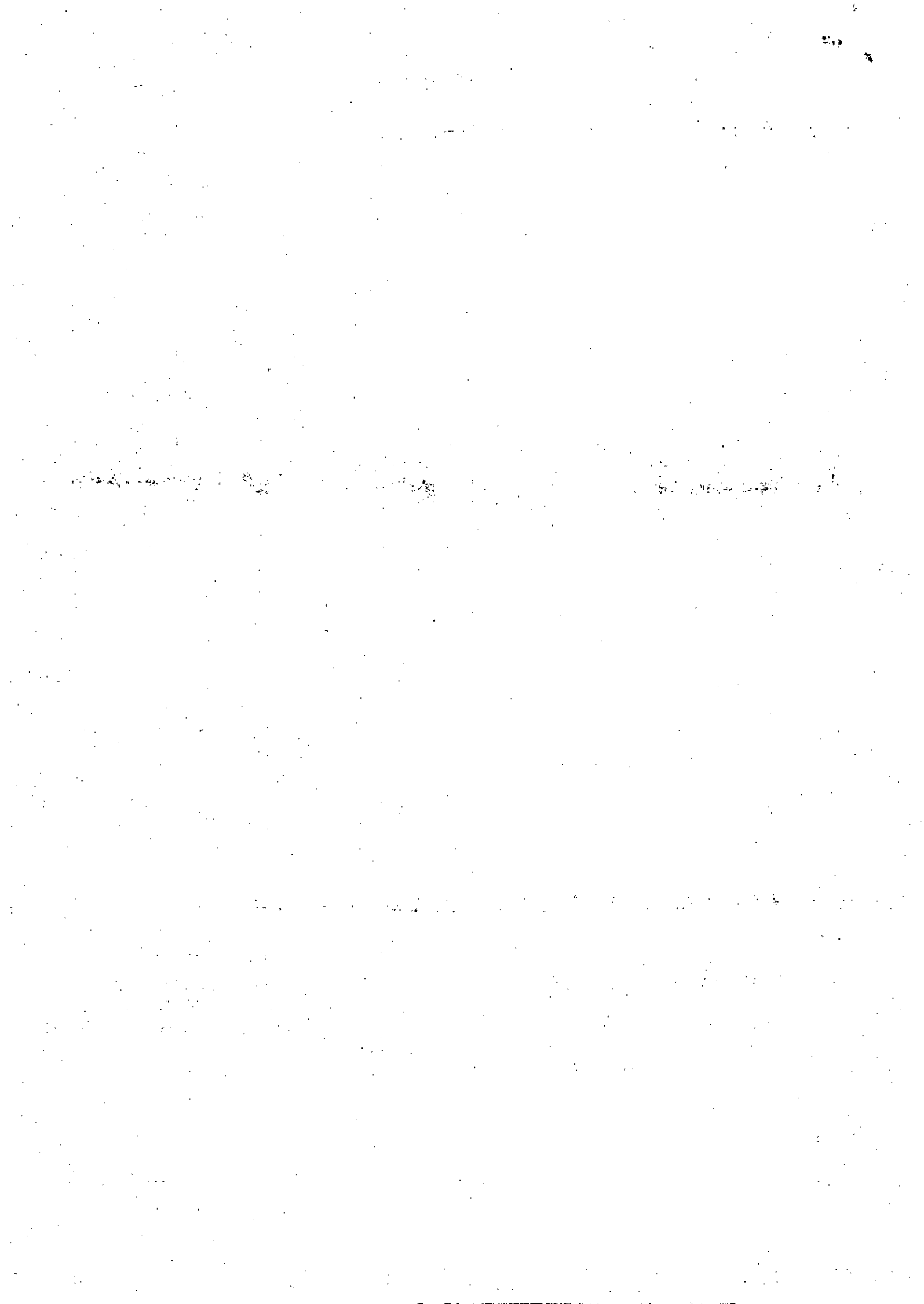
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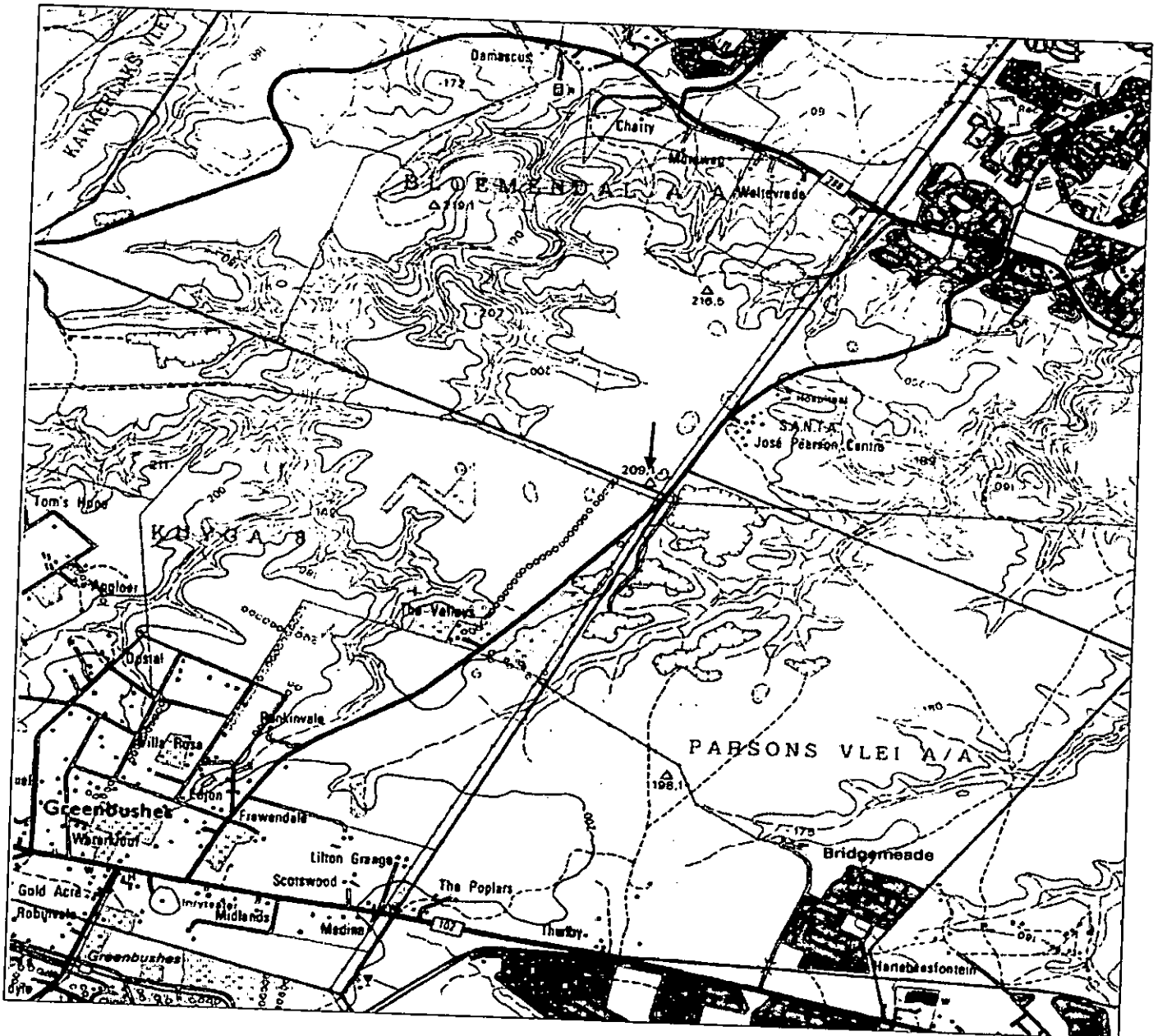
Title deed description

Erf 1362 (Previously Farm Bloemendal AA)

Regional Setting

The proposed quarry is situated in the magisterial district of Port Elizabeth and is under control of the Nelson Mandela Bay Municipality. Port Elizabeth is approximately 15km south-east of the site and Uitenhage approximately 11km north-west. Bethelsdorp is located approximately 6km north-east. Access to the site is via Cape Road and Mission Road. The site is situated in a semi-rural area surrounded by small farms, Municipal commonage and Denver Quarries.





Surface Infrastructure

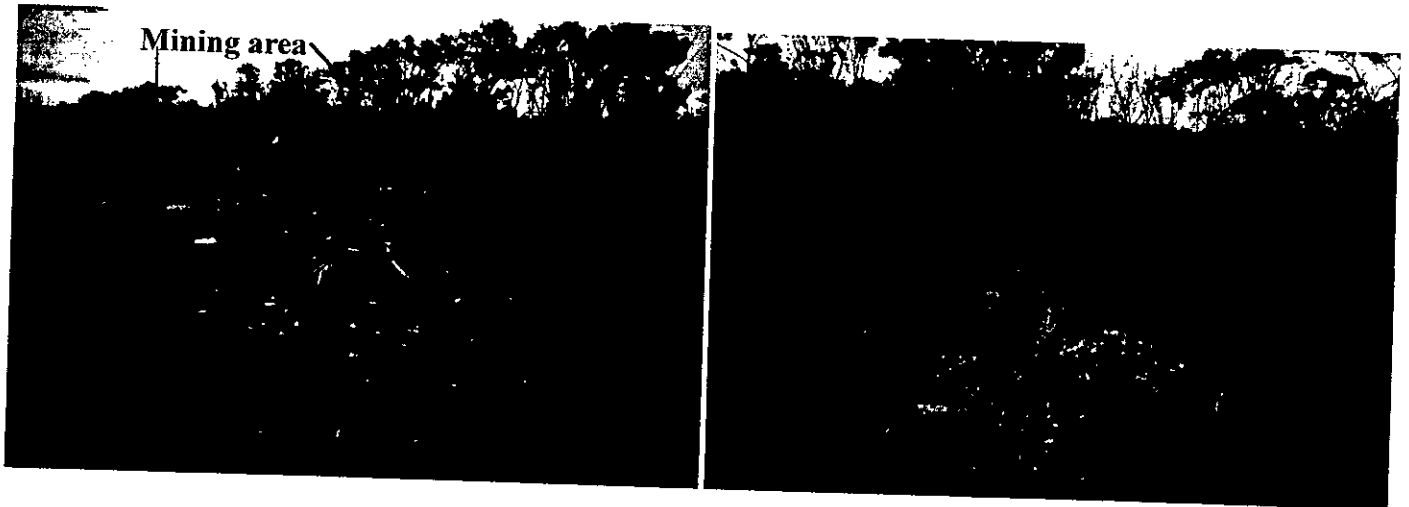
1. Overhead power lines run east-west along the southern boundary of the property, approximately 30m from site. There are no pylons in the mine area
2. Overhead power lines run north-south on eastern boundary of property, approximately 20m from the site. There are no pylons in the mine area.
3. Mission road approximately 30m east of mine area.
4. Aqueduct servitude along the eastern border of the property.

Description Of How The Mineral Resource And Mineral Distribution Of The Mining Area Will Be Determined

The proposed mining area is situated in an area that is characterized by deeply insized valleys and plateau area. The red gravel is restricted to the plateau area and the occurrence thereof is always indicated by a surface deposit of purplish pebbles as indicated in the pictorial record. Existing trenches on the property, as depicted by the photograph below, show clearly that the mineral is present on site.

In addition, the site is located immediately north of the mined out Denver Quarry site and the mineral reserve is clearly depicted as the embankment on the photograph below. The proposed quarry site also hosts a few old quarry holes that were illegally mined in a haphazard manner on the property concerned. The evidence provided of the occurrence of the mineral reserve negates the need for mining to motivate the sustainability of the proposed mining venture.

Reserves are estimated at approximately 24 000 cubic meters of material.



Mining methodology

Access from Mission road to the proposed mine area will be via the existing access to the abutting race track. This access might require upgrading to prevent deterioration of the road edge. Topsoil will be removed as explained under the construction phase. A weigh bridge and container that will function as an office will be installed near the exit of the quarry.

Mining would start on the western perimeter and three phases will be developed in a north-south direction. The quarry floor will mostly be flat but might show a slight gradient towards the east. The nature of this sedimentary rock as well the limited depth of the excavation will result in mining to remain above any primary or perched aquifer.

Red gravel will be extracted by excavator or loader by means strip mining to a maximum depth of 2m. If needed, material will be screened to market requirement but will mostly be blended on the quarry floor from where it will be loaded onto 5-12m³ tipper trucks and hauled to construction sites or to other local markets.

All waste material or boulders will be returned to the excavation for profiling of the sides.

JVS

The proposed operation would be continuous for at least 12 months and working hours from 8 ar to 5pm, five days a week with cessation of activities on 1pm on Saturdays, if demand require extraction on a Saturday.

