

# MEETING MINUTES



|                |   |                          |
|----------------|---|--------------------------|
| Job Title      | Northern Cape Department of Environment and Nature Conservation Meeting for the Proposed Development of the Mercedes-Benz High Speed Proving Ground |                          |
| Project Number | 46693r  |                          |
| Date           | 14 October 2015   |                          |
| Time           | 14:00-16:00   |                          |
| Venue          | Protea Hotel Upington   |                          |
| Subject        | Authority Meeting   |                          |
| Client         | Mercedes-Benz South Africa  |                          |
| Present        | Jens Mitrenga   | Daimler AG               |
|                | Manuel Aldinger   | Daimler AG               |
|                | Marc Schmits-Lapainer   | General Planner IngenAix |
|                | Roland Schneider  | General Planner IngenAix |
|                | Jeanette Clark  | MBSA                     |
|                | Denis Peterson  | MBSA                     |
|                | Mayur Bhana   | MBSA                     |
|                | Shamira Nina  | MBSA                     |
|                | Anri Scheepers  | WSP Environmental        |
|                | Claire Dendy  | WSP Environmental        |
|                | Revelation Moutshiwa  | NCDENC                   |
|                | Ordain Riba   | NCDENC                   |
|                | Attached Appendix A (Attendance Register)   |                          |

## WSP Environmental (Pty) Ltd

South View, Bryanston Place Office  
Park  
199 Bryanston Drive, Bryanston  
Republic of South Africa, 2191  
PO Box 98867, Sloane Park, 2152  
Tel: +27 (0)11 361 1380  
[www.wspgroup.com](http://www.wspgroup.com)  
[www.pbworld.com](http://www.pbworld.com)  
  
[www.wspgroup.com](http://www.wspgroup.com)  
[www.pbworld.com](http://www.pbworld.com)

## MATTERS ARISING

### 1.0 OVERVIEW OF MBSA AND PROJECT

The presentations have been attached in Appendix B.

### 2.0 GENERAL ISSUES

- **Ordain Riba:** Please will you send the Scoping Report as it has not yet been received?

The Scoping Report has been sent and delivered to the Northern Cape Department of Environment and Nature Conservation head office in Kimberley, however further follow up will occur to ensure a report is provided to Upington office.

- **Ordain Riba:** What is the surrounding land uses?

Currently it is mostly agricultural (Cattle farming).

- **Ordain Riba:** Does Mercedes-Benz South Africa (MBSA) have any other sites where the cars are currently being tested in the Northern Cape?

No currently there is no MBSA testing facilities being utilised in the Northern Cape region.

### 3.0 SOCIAL ISSUES

- **Revelation Moutshiwa:** What is the focus of MBSA on Learnership Programs?

The focus of MBSA on learnership programs is to help people learn and deal with the complexity of technology as the motor industry is always developing and growing. The design of cars is becoming more technical and as such it is a constant requirement to continue developing and improving the knowledge base of their staff. MBSA aims to provide the skills, knowledge and qualification to get

## MATTERS ARISING

---

them into a position where they can work on MBSA production lines.

- **Revelation Moutshiwa:** Will these Learnership Programs be South African based or International?

All learnership programs are South African based but have training programs in Germany, where South Africans have an opportunity to obtain skills, learn and understand the culture and expose them to various technical social engagements from Germany where Daimler is based. These programs hope to not only provide the correct skills but also establish the right networks that enable employees to develop in the field.

- **Ordain Riba:** What is MBSA social cooperate Responsibility with specific reference to Job creation?

During the construction phase it is envisaged that there will be job creation through local suppliers. Most of the job creation will be during this phase. In the operational phase there is a lot less permanent and long term direct employment but still plan to utilise local suppliers for any services that is required. It is expected that more indirect employment will be obtained during the operational phase. The project is currently in the Scoping Phase as such a social and economic impact assessment is still to be undertaken which will provide more information on the potential positive and negative impacts of the project.

---

## 4.0 TRAFFIC

---

- **Revelation Moutshiwa:** What does the traffic impact assessment include? Will air traffic be assessed?

The traffic impact assessment will include a general assessment of the daily traffic that is in the area as well as what the potential impact would be due to an increase in traffic from the High Speed proving Ground (HSPG) during the construction and operational phase. Air traffic will not be affected by the HSPG and as such will not be assessed.

---

## 5.0 MINING RELATED ISSUES

---

- **Revelation Moutshiwa:** What material will be used for the construction of the HSPG? Where will the material be obtained from?

The material required for the construction of the HSPG will potentially be sourced on-site. This will depend on the quality and quantity of material that is required. The material will be sourced from a combination of cut-to-fill activities and from dedicated areas containing the required material.

If all the required material cannot be sourced on-site some material may have to be imported from off-site. The sourcing of material off-site may prove to be costly.

- **Revelation Moutshiwa:** Do you not require a mining permit from the Department of Mineral and Resources in terms of the Mineral and Petroleum Resource Development Act 28, 2002 (MPRDA)?

A legal opinion was obtained with regards to whether a mining permit would be required. The extraction of material for the development of the HSPG falls under section 106 exemption of the MPRDA as MBSA will be the landowner by the time the material will be extracted. The material will only be used for the development of the HSPG and as such no material will be transported offsite or sold for alternative use.

- **Ordain Riba:** Will an exemption letter be obtained under Section 106 of the MPRDA from the Department of Mineral Resources (DMR)?

The DMR does not issue exemption letters as it is a factual enquiry.

- **Revelation Moutshiwa:** A concern is raised that if no exception letter is obtained other authorities may issue a fine with the assumption that a mining permit should have been obtained due to a lack in knowledge of section 106 of the MPRDA. It is requested that if possible, attempt to contact the department to obtain some form of letter stating that this exception is applicable
-

## MATTERS ARISING

---

The concern is noted. An attempt will be made to obtain a letter stating that the exemption is applicable to the project. However, ultimately there is no actual approach to obtaining such a letter. The Environmental Impact Assessment Report will however discuss the process of extracting the material, processing and how the material will be used. Impacts will be identified and mitigation measures implemented for the extraction of the material.

---

### 6.0 WATER RELATED ISSUES

---

- **Revelation Moutshiwa:** The site has been identified to have a pan/wetland is this correct? Will a specialist study be undertaken?

A potential wetland has been identified onsite however a 500m buffer is proposed around the wetland. A wetland specialist study will be undertaken to assess the possible impacts.

- **Ordain Riba:** As stated in the presentation section 21(c) and Section 21(i) will be applied for in terms of the National Water Act 36, 1998. Therefore if drainage lines are present onsite wouldn't Listing Notice 1 activity 19 be applicable?

This will be confirmed.

---

### 7.0 BIODIVERSITY

---

- **Ordain Riba:** Will an avifauna specialist study be undertaken?

A biodiversity study will be undertaken to assess fauna and flora and avifauna will be included therein.

- **Ordain Riba:** How many hectares of vegetation will need to be cleared for the development of the HSPG? Is it 200 hectares or 3750 hectares

Approximately 200 hectares will need to be cleared for the HSPG development. The total size of the property is 3750 hectares.

---

### 8.0 DEVELOPMENT AND LAYOUT DESIGN

---

- **Ordain Riba:** Would it be possible to change the layout of the HSPG to avoid these critical areas where protected species are expected to occur? How many species are expected to be destroyed?

Some alternatives have been considered with regards to the position of the HSPG. A biodiversity study is currently being undertaken and as such it is unknown how many protected species will need to be removed. The specialist will identify the impacts associated with the HSPG and provide mitigation measures.

If the number of species to be destroyed is considered to be critical an alternative layout could be considered however it may not be considered feasible as there are certain specifications that need to be met.

---

### 9.0 SERVICES

---

- **Revelation Moutshiwa:** The Sewage will be pumped out from the conservancy tank. What is the arrangement for final disposal of the sewage?

Currently it is envisaged that the sewage will be disposed of at the municipal facility. Discussions are being held with the municipality to ensure the quantities of sewage that is expected to be generated from the HSPG is able to be processed by the facility. A letter will be obtained from the municipality stating whether or not the sewage will be received. Only licensed waste transporters will be used to transport the sewage from the HSPG to the municipal facility. All sewage will be removed from site every 10-14. The conservancy tank will be able to store 70m<sup>3</sup>.

---

### 10.0 LEGISLATIVE CONTEXT

---

- **Ordain Riba:** Will an atmospheric emissions license be required for the development of the gravel and asphalt roads?

An atmospheric emissions license is not required as no scheduled processes are triggered. Noise and Air Quality

---

## MATTERS ARISING

---

Impact Assessments will be undertaken during the EIA Phase and the studies will be made available to the public.

---

### 11.0 WASTE RELATED ISSUES

---

- **Revelation Moutshiwa:** There have been anonymous reports that cars tested at other proving grounds are being burnt instead of correctly disposed of as waste or sent back to where they came from as originally discussed. The Department have been struggling to locate the areas where these cars are being burnt? Is there any chance that the cars will need to be dismantled and disposed of in South Africa?

The cars will be taken back to Germany as they are prototype cars and necessary for the further development of the actual cars that will be developed and sold in the market. The cars are brought to South Africa to test under hot climatic conditions and to ensure the cars run optimally.

---

### ADDITIONAL REQUESTS

- A Special Development Framework Map has been requested by the NCDENC to determine if the proposed location for the HSPG has been designated as a “no development zone” or whether development can occur in this area.
  - A Drainage Line Map has been requested by the NCDENC to determine if Listing Notice 1 Activity 19 is applicable to the project.
  - A site visit has been requested by the NCDENC and was scheduled for 16 October 2015.
-

## Appendix A: Attendance Register

Proposed Establishment of a High Speed Proving Ground in Upington




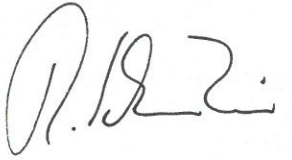
Mercedes-Benz South Africa

Authority Meeting - 14 October 2015 / 14:00 – 15:00

WSP Reference: 46693

NCDENC Reference: NC/EIA/03/ZFM/KHA/UP12/2015

## ATTENDANCE REGISTER 14 October 2015

| Name                          | Company Name           | Contact Details                                    | Signature   |
|-------------------------------|------------------------|--|---|
| JENS MITRENGA                 | DAIMLER AG             | Tel:<br>Fax:<br>Mobile: +49 176 30900413<br>Email: |    |
| Manuel Aldinger               | Daimler<br>Real Estate | Tel:<br>Fax:<br>Mobile: +49 151 581142<br>Email:   |    |
| SCHMITS-<br>LAPAINEN,<br>MARC | INGENIX                | Tel:<br>Fax:<br>Mobile: +49-176-61925413<br>Email: |   |
| Roland Schneider              | INGENIX                | Tel:<br>Fax:<br>Mobile: +49 176 61665511<br>Email: |  |





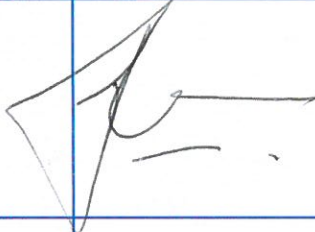

Proposed Establishment of a High Speed Proving Ground in Upington

Mercedes-Benz South Africa

Authority Meeting - 14 October 2015 / 14:00 – 15:00

WSP Reference: 46693

NCDENC Reference: NC/EIA/03/ZFM/KHA/UP12/2015



| Name                | Company Name               | Contact Details  | Signature   |
|---------------------|----------------------------|--|---|
| Jeanette Clark      | Mercedes-Benz South Africa | Tel:<br>Fax:<br>Mobile: 082 828 0994 / 072 168 9116<br>Email:                  |    |
| Shamira Nina        | Mercedes-Benz SA           | Tel:<br>Fax:<br>Mobile: 082 448 5293<br>Email:                                 |    |
| Denis Pearson       | MBSA                       | Tel:<br>Fax:<br>Mobile: 082 820 3129<br>Email:                                 |   |
| Revelation Montshwa | DENC                       | Tel: 071 361 9388<br>Fax: -<br>Mobile:<br>Email: montshwa-revelation@gmail.com |  |

Proposed Establishment of a High Speed Proving Ground in Upington  
Mercedes-Benz South Africa

Authority Meeting - 14 October 2015 / 14:00 – 15:00

WSP Reference: 46693

NCDENC Reference: NC/EIA/03/ZFM/KHA/UP12/2015

| Name           | Company Name   | Contact Details  | Signature   |
|----------------|--|--|---|
| Ordain Ribca   | Department of environment<br>and nature conservation | Tel:<br>Fax:<br>Mobile:<br>Email: ordain.ribca@nrc.govt.co.za                |  |
| Anri Scheepers | WSP<br>Environmental                                 | Tel: 011 360 6089<br>Fax:<br>Mobile:<br>Email: anri.scheepers@wspgroup.co.za |  |
| Claire Dendy   | WSP Environmental                                    | Tel:<br>Fax:<br>Mobile:<br>Email: claire.dendy@wspgroup.co.za                |   |
|                |  | Tel:<br>Fax:<br>Mobile:<br>Email:  |   |



## Appendix B: Presentations

# Scoping and Environmental Impact Reporting Process for the High Speed Proving Ground

*Mercedes-Benz South Africa*

## Scoping Phase

Authority Meeting

Date: 14 October 2015

Time: 14:00 – 15:30

Presented by Anri Scheepers

*October 2015*



ingen|aix  
GmbH

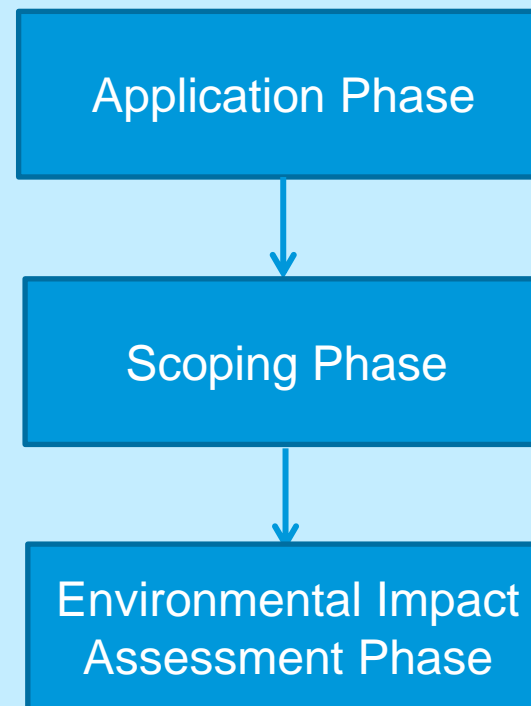
 | **PARSONS  
BRINCKERHOFF**

# AGENDA

1. Introduction
2. Purpose of the Meeting
3. Background of the Project
4. Regulatory Context
5. Applications
6. Process to be Followed
7. Need and Desirability
8. Alternatives Considered
9. Public Participation
10. Way Forward
11. Close-out and Questions

# PURPOSE OF THE MEETING

- Overview of proposed project and alternatives
- Identification of the environmental issues and potential impacts
- Development of plan of study
- Comments and concerns



# PROJECT BACKGROUND

- Mercedes-Benz South Africa (MBSA) proposes to develop a High Speed Proving Ground (HSPG) for vehicle testing
- WSP Environmental (WSP) appointed by the General Planner IngenAix GmbH (IngenAix) on behalf of MBSA

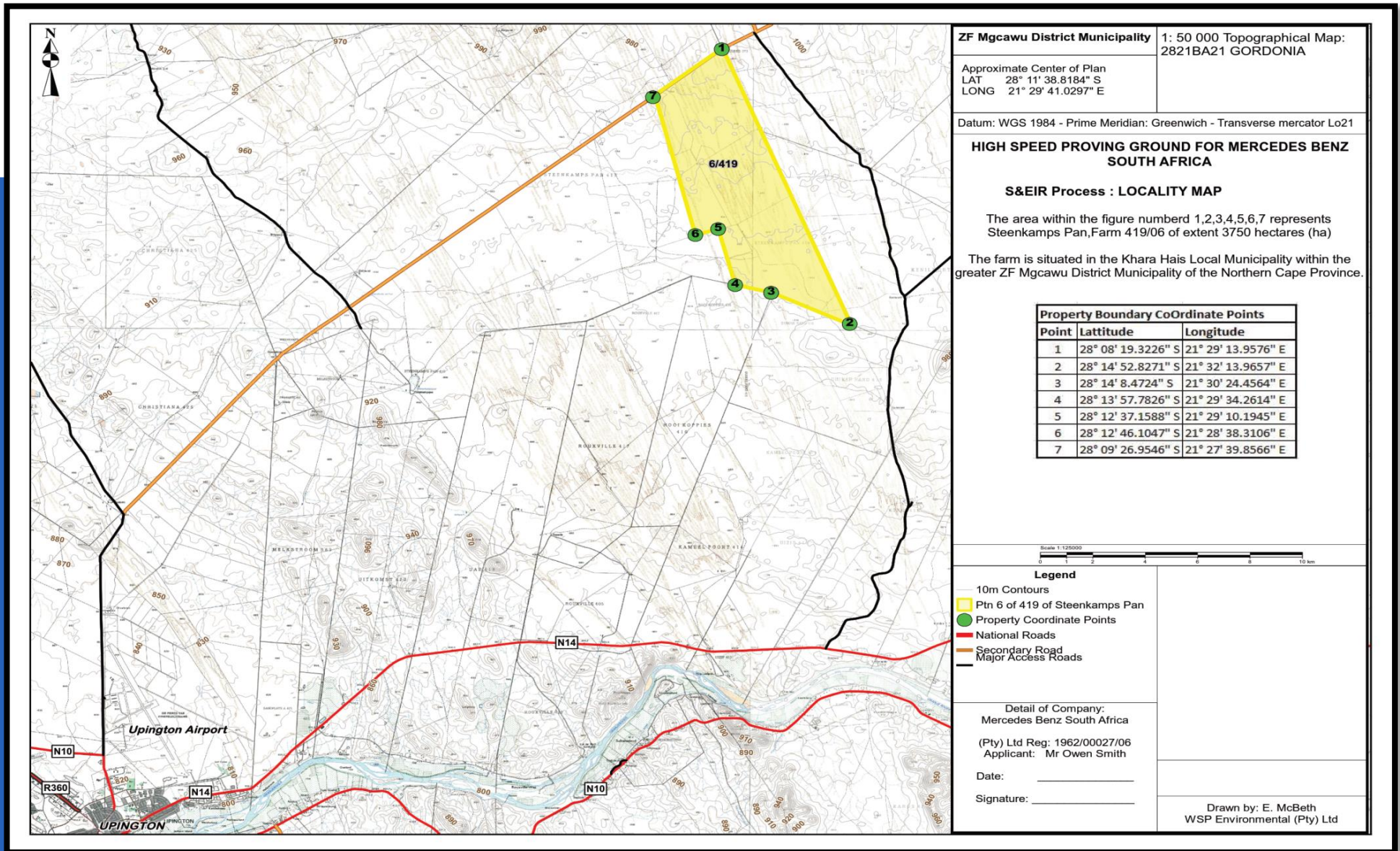


# DESCRIPTION OF PROPERTY

|   |   |
|---|---|
| <b>Farm Name:</b>   | <b>Steenkamps Pan, Farm 419/06, Northern Cape</b> |
| <b>Application area (Ha)</b>                                | 3750ha  |
| <b>Magisterial district:</b>                                | Upington  |
| <b>Distance and direction from nearest town</b>             | 38km North-East of Upington                       |
| <b>21 digit Surveyor General Code for each farm portion</b> | C02800000000041900006                             |
| <b>Central Co-ordinates of the Proposed Property</b>        | 28° 11' 38.8184" S<br>21° 29' 41.0297" E          |



# DESCRIPTION OF PROPERTY - LOCATION



**ZF Mgcawu District Municipality** 1: 50 000 Topographical Map: 2821BA21 GORDONIA

Approximate Center of Plan  
 LAT 28° 11' 38.8184" S  
 LONG 21° 29' 41.0297" E

Datum: WGS 1984 - Prime Meridian: Greenwich - Transverse mercator Lo21

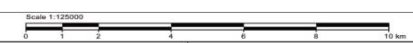
**HIGH SPEED PROVING GROUND FOR MERCEDES BENZ SOUTH AFRICA**

**S&EIR Process : LOCALITY MAP**

The area within the figure number 1,2,3,4,5,6,7 represents Steenkamps Pan, Farm 419/06 of extent 3750 hectares (ha)

The farm is situated in the Khara Hais Local Municipality within the greater ZF Mgcawu District Municipality of the Northern Cape Province.

| Property Boundary CoOrdinate Points |                    |                    |
|-------------------------------------|--------------------|--------------------|
| Point                               | Latitude           | Longitude          |
| 1                                   | 28° 08' 19.3226" S | 21° 29' 13.9576" E |
| 2                                   | 28° 14' 52.8271" S | 21° 32' 13.9657" E |
| 3                                   | 28° 14' 8.4724" S  | 21° 30' 24.4564" E |
| 4                                   | 28° 13' 57.7826" S | 21° 29' 34.2614" E |
| 5                                   | 28° 12' 37.1588" S | 21° 29' 10.1945" E |
| 6                                   | 28° 12' 46.1047" S | 21° 28' 38.3106" E |
| 7                                   | 28° 09' 26.9546" S | 21° 27' 39.8566" E |



- Legend**
- 10m Contours
  - Ptn 6 of 419 of Steenkamps Pan
  - Property Coordinate Points
  - National Roads
  - Secondary Road
  - Major Access Roads

Detail of Company:  
 Mercedes Benz South Africa  
 (Pty) Ltd Reg: 1962/00027/06  
 Applicant: Mr Owen Smith

Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Drawn by: E. McBeth  
 WSP Environmental (Pty) Ltd



# PROJECT DESCRIPTION

- Heat-relevant vehicle testing
- Operate during summer months and *ad hoc* periods
- Testing of vehicles
  - Under hot climate conditions
  - Parallel to the European Winter Season



# DETAILED PROJECT DESCRIPTION

- High Speed Oval - (length  $\approx$  17km)
- Handling Track - (length  $\approx$  5,5km)
- Multifunctional Area - (size  $\approx$  150 x 400m and width  $\approx$  8m)
- Gravelled Bad Roads (length  $\approx$  10km)
- Gravelled Access roads (length  $\approx$  2km including gravelled parking areas ( $\approx$  2 500m<sup>2</sup>))
- Asphalt paved access roads on “confidential side” (length  $\approx$  2.5km)
- Asphalt paved access roads on “public side” (length  $\approx$  2.5km)
- Bridge
- Building area
- Guard house at main entrance
- Security and agricultural fencing on farm
- Single-lane maintenance roads ( $\approx$  50km)
- Underground facility for sewerage storage.



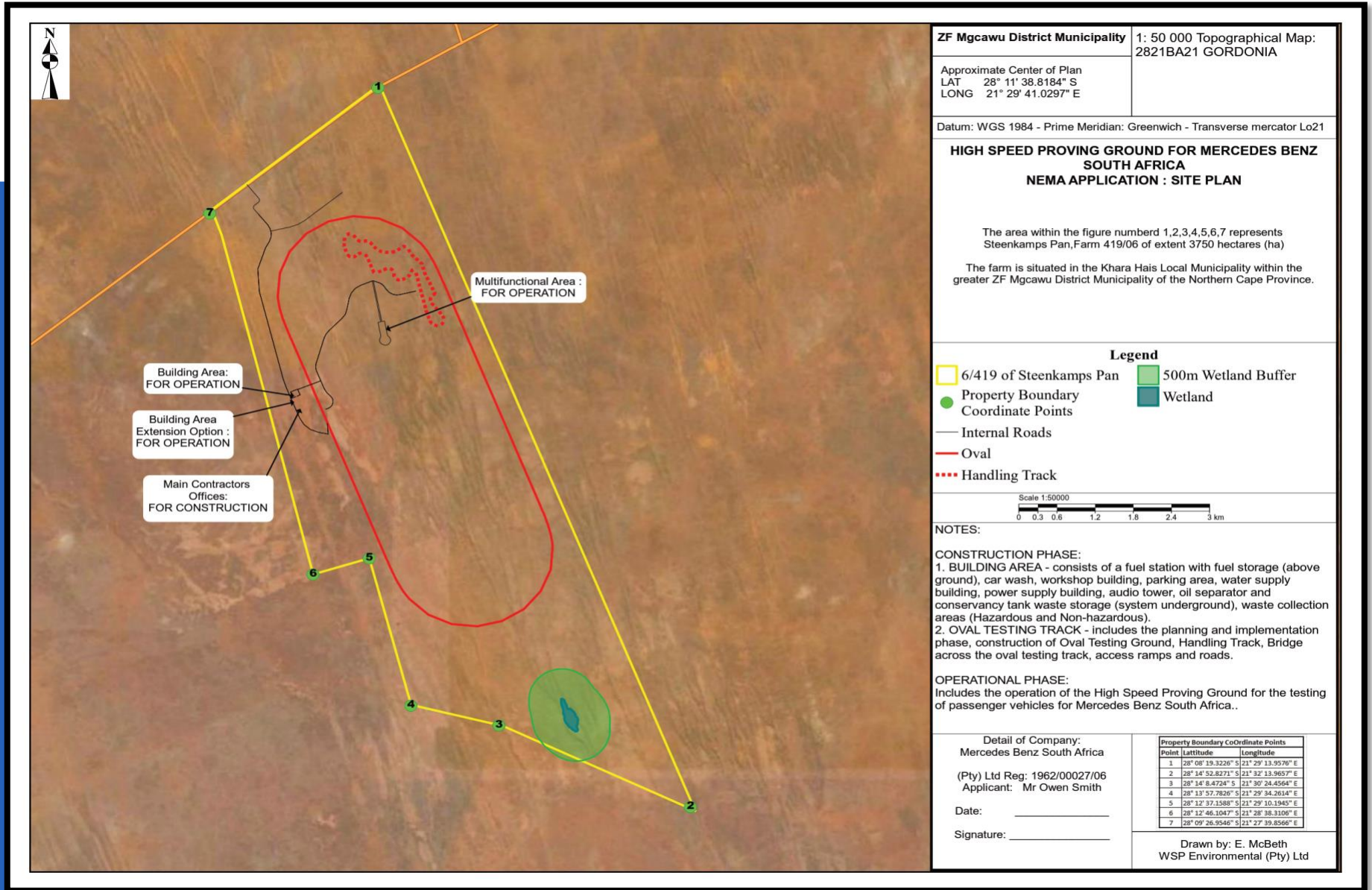
# DETAILED PROJECT DESCRIPTION

- Power Supply
  - Diesel-generators
- Water Supply
  - Abstraction of groundwater through boreholes
  - Potable water for human consumption will be brought in from Uppington (bottled water);
- Sewage Storage
- Fuel Station
- Waste
- IT and Communication Systems





# PROJECT DESCRIPTION –LAYOUT



# ROLE PLAYERS - MBSA

|                              |   |
|------------------------------|---|
| <b>Project Proponent:</b>    | <b>Mercedes-Benz South Africa (Pty) Ltd</b>       |
| <b>Company Registration:</b> | <b>1962/00027/06</b>                              |
| <b>Contact Person:</b>       | <b>Mr Owen Smith</b>                              |
| <b>Physical Address:</b>     | <b>Wierda Road (M10 West/R576),<br/>Zwartkop</b>  |
| <b>Postal Address:</b>       | <b>P O Box 1717<br/>Pretoria<br/>South Africa</b> |
| <b>Telephone:</b>            | <b>+27 12 673 6744</b>                            |
| <b>Fax:</b>                  | <b>+27 12 677 1851</b>                            |
| <b>E-mail:</b>               | <b>owen.smith@daimler.com</b>                     |

# ROLE PLAYERS - WSP

| Environmental Assessment Practitioner (EAP) | WSP Environmental (Pty) Ltd   |
|---|---|
| Company Registration:                       | 1995/08790/07   |
| Contact Person:                             | Malcolme Logie<br>Pr.Sci.Nat – Environmental Scientist<br>Certified Environmental Assessment Practitioner |
| Postal Address:                             | PO Box 98867,<br>Sloane Park 2151,<br>Johannesburg  |
| Telephone:                                  | 011 300 6085  |
| Fax:  | 011 361 1301  |
| E-mail:                                     | Malcolme.Logie@WSPGroup.co.za   |

# ROLE PLAYERS - NCDENC

| Northern Cape Department of Environment and Nature Conservation (NCDENC) |  |
|--|--|
| Case Officer   | Mr O. Riba   |
| Address  | The Provincial Building<br>Cnr River & Nelson Mandela Road<br>Upington<br>8801 |
| Postal Address   | Private Bag X6102<br>Kimberley<br>8301   |
| Contact Information  | Tel: 060 991 4817<br>Email: oriba.denc@gmail.com                               |
| Reference Number   | NC/EIA/03/ZFM/KHA/UP12/2015  |

# REGULATORY CONTEXT

- National Environmental Management Act (No. 107 of 1998)
  - GNR 982 (EIA Regulations) (4 December 2014)
  - GNR 983 (Listing Notice 1) – Basic Assessment Process
  - GNR 984 (Listing Notice 2) - Scoping and Environmental Impact Reporting (S&EIR) Process
  - GNR 985 (Listing Notice 3) - Basic Assessment Process
  - Applicable Listing Notice Activities for the Project:
    - ◆ GNR 983: Activities 14, 24 (ii);
    - ◆ GNR 984: Activities 6, 15, 21; and
    - ◆ GNR 985: Activity 11(iii).
  
- S&EIR Process is required



# NEMA REGULATIONS

| Listed activity as described in GN R.983, 984 and 985  | Description of project activity that triggers listed activity  |
|--|--|
| GNR 983 – Activity 14: The development of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good  | Fuel station with eight aboveground storage tanks and a diesel tank (Total Volume = 104m <sup>3</sup> )                                |
| GNR 983 – Activity 24(ii): The development a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres  | Oval Testing track (≈17km and width ≈13m)  |
| GNR 984 – Activity 6: The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent                    | A section 21 (g) WUL   |
| GNR 984 – Activity 15: The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for the undertaking of a linear activity  | Clearance of approximately 200ha.  |
| GNR 984 – 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                                | Crushing in order to obtain the mandatory material size.   |
| GNR 985 – Activity 11(iii): The development of tracks or routes the testing, for recreational use or outdoor racing motor powered of vehicles excluding conversion of existing tracks or routes for the testing, recreational use or outdoor racing of motor powered vehicles. | Dominated by mostly indigenous vegetation of the Savannah Biome (Kalahari Duneveld Bioregion) commonly found within the Northern Cape. |

# REGULATORY CONTEXT (CONT.)

## → National Water Act (No. 36 of 1998)

- A Water Use License (WUL) is required in terms of Section 41 of the National Water Act (NWA) for activities listed in Section 21
- Water uses potentially applicable:
  - Section 21(a): Taking of water from a water resource;
  - Section 21(b): Storing water;
  - Section 21(c): Impeding or diverting the flow of water in a water course;
  - Section 21(g): Disposing of water in a manner which may detrimentally impact on a water resource; and
  - Section 21(i): Altering the bed, bank, course or characteristics of a watercourse.
- **Hydroscience** has been appointed to apply for the WUL

# REGULATORY CONTEXT (CONT.)

## → Other Applicable Legislation:

- The Constitution of South Africa (No. 108 of 1996)
- National Environmental Management Waste Act (No. 59 of 2008)
- National Environmental Management Biodiversity Act (No. 10 of 2004)
- **National Heritage Resources Act (No. 25 of 1999)**
- National Forest Act (No. 84 of 1998)
- Fencing Act (No. 31 of 1963)
- Hazardous Substances Act (No. 15 of 1979)
- //Khara Hais Municipality Water Services Bylaw (By-law No 7 of 2007)
- //Khara Hais Municipality Electricity Bylaw (By-law No 10 of 2007)
- //Khara Hais Municipality Aerial Systems Bylaw (By-law No 18 of 2007)
- //Khara Hais Municipality Integrated Development Plan 2012 – 2017 (Approved Tuesday 26 May 2015)
- **Northern Cape Nature Conservation Act 9 of 2009**
- Conservation of Agriculture Resources, 1983 (Act 43 of 1983)

# APPLICATIONS

| Approval Document Required   | Department Responsible for Issuing Approval                     | Status of Application  |
|--|---|--|
| <b>Environmental Authorisation in of the National Environmental Management Act (No. 107 of 1998)</b>             | Northern Cape Department of Environment and Nature Conservation | An application was submitted and an authorisation will be provided to MBSA at the end of the process |
| <b>A Water Use License in terms of the National Water Act (No. 36 of 1998)</b>                                   | Department of Water Affairs                                     | The WUL application process will be undertaken concurrently with the S&EIR process                   |
| <b>A Heritage Permit issued by SAHRA in terms of the National Heritage Resource Act (No. 25 of 1999)</b>         | South African Heritage Resources Agency                         | The Heritage Permit application process will be undertaken concurrently with the S&EIR process       |
| <b>Flora and Fauna Permit in terms of the National Environmental Management Biodiversity Act (No.10 of 2004)</b> | Northern Cape Department of Agriculture, Forestry and Fisheries | The Flora and Fauna Permit processes are being undertaken concurrently with the S&EIR process        |
| <b>Rezoning of Land Permit in terms of Spatial Planning and Land Use Management Act no. 16 of 2013</b>           | //Khara Hais Local Municipality                                 | The Rezoning of land Permit is being undertaken concurrently with the S&EIR process                  |

# PROCESS TO BE FOLLOWED

## → Application Phase

- Application submitted to the NCDENC: 2 September 2015
- Application accepted: 9 September 2015
- Reference number: NC/EIA/03/ZFM/KHA/UP12/2015

## → Scoping Phase

- The Draft Scoping Report Public Review: 16 September 2015 - 23 October 2015
- Public meeting: 15 October 2015
- Final Submission to the NCDENC: 29 October 2015

## → Environmental Impact Reporting Phase

- The Draft Environmental Impact Report (EIR) Public Review: February 2016 – March 2016
- Public meeting: February 2016
- EIR review and authorisation by NCDENC: March 2016 – August 2016



# SPECIALIST STUDIES

| Specialist Study                            | Organisation Responsible for the Study  |
|---|---|
| Biodiversity Impact Assessment              | PB Consult Ecological & Botanical Management Services                               |
| Wetland Study Impact Assessment             | Ixhaphozi Enviro Services CC  |
| Traffic Impact Assessment                   | WSP   Parsons Brinckerhoff, Africa - Development, Transportation and Infrastructure |
| Hydrogeological Impact Assessment           | Geo-Logic Hydrogeological Consultants   |
| Soils and Land Capability Impact Assessment | Terra Soil Science  |
| Socio-Economic Impact Assessment            | Tony Barbour Environmental Consulting and Research                                  |
| Heritage Impact Assessment                  | Agency for Cultural Resource Management   |
| Geological Assessment                       | Council for Geoscience  |
| Geotechnical Assessment                     | ARQ Consulting Engineers  |
| Air Quality Impact Assessment               | WSP Environmental (Pty) Ltd   |
| Noise Impact Assessment                     | WSP Environmental (Pty) Ltd   |
| Palaeontological Impact Assessment          | BM Geological Services  |

# NEED AND DESIRABILITY

- The construction and operation of HSPG:
  - Testing of vehicles under hot climate conditions
  - Create employment opportunities (construction/operation)
    - Low and semi-skilled workers
    - Live in Upington and the surrounds

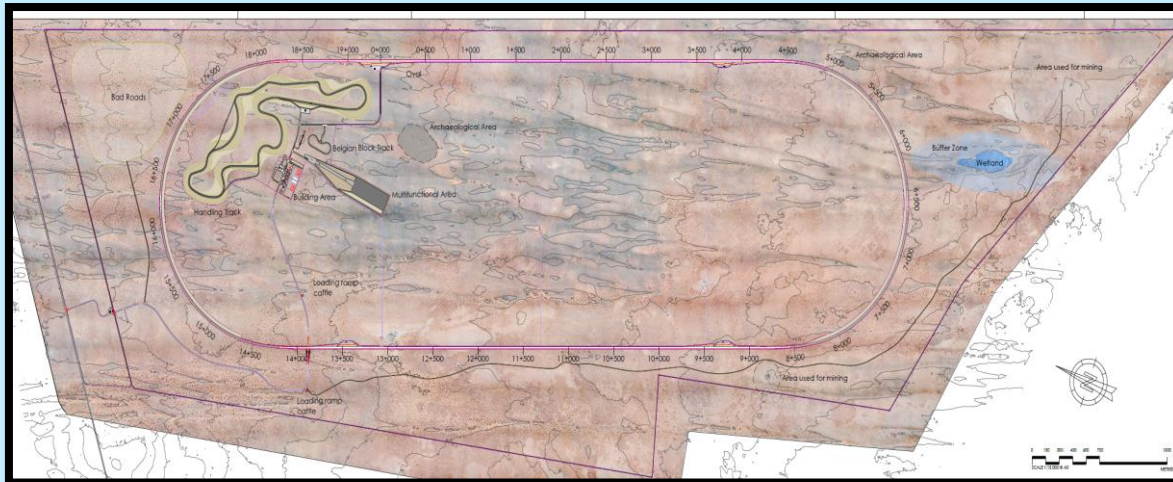


# ALTERNATIVES CONSIDERED

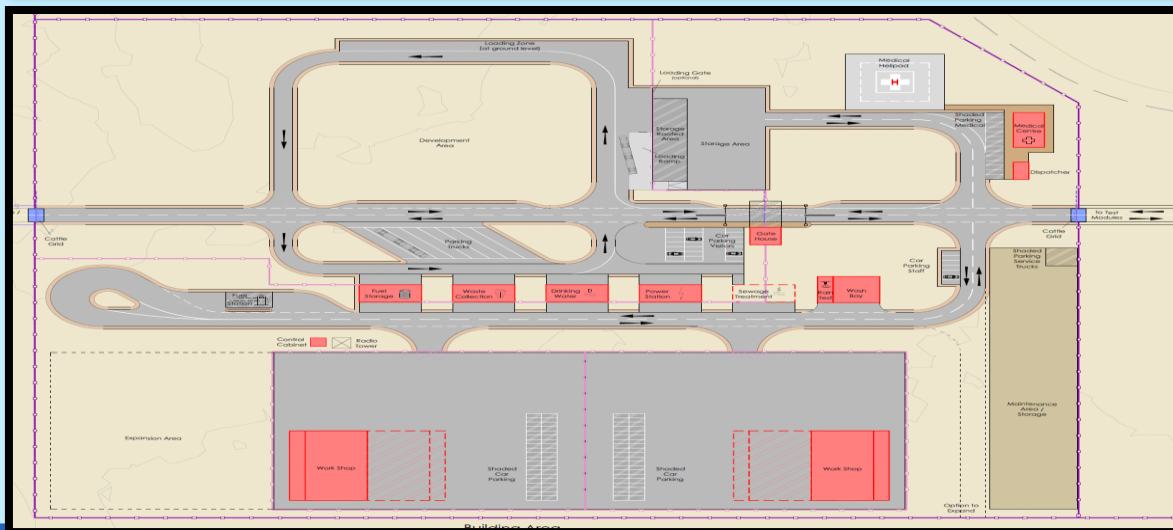
## → Location Alternatives

- Criteria used for alternative locations:
  - Shape
  - Size
  - Hidden from outside view lines
  - Financial feasible
  - Proximity to the Upington Airport
  - Accessible by car and truck
  - Water availability
  - Geology
  - Availability of property
- Steenkamps Pan, Farm 419/06, was selected for the proposed development of the Mercedes-Benz HSPG

# ALTERNATIVES CONSIDERED



HSPG = 19km within  
the 500m wetland buffer



- Change is location from infield of the oval to outside of the oval due to:
  - Confidentiality
  - Availability of water
  - Length of access for delivery on the property
- Changes to building layout





# ALTERNATIVES CONSIDERED

## → RESOURCE ALTERNATIVES

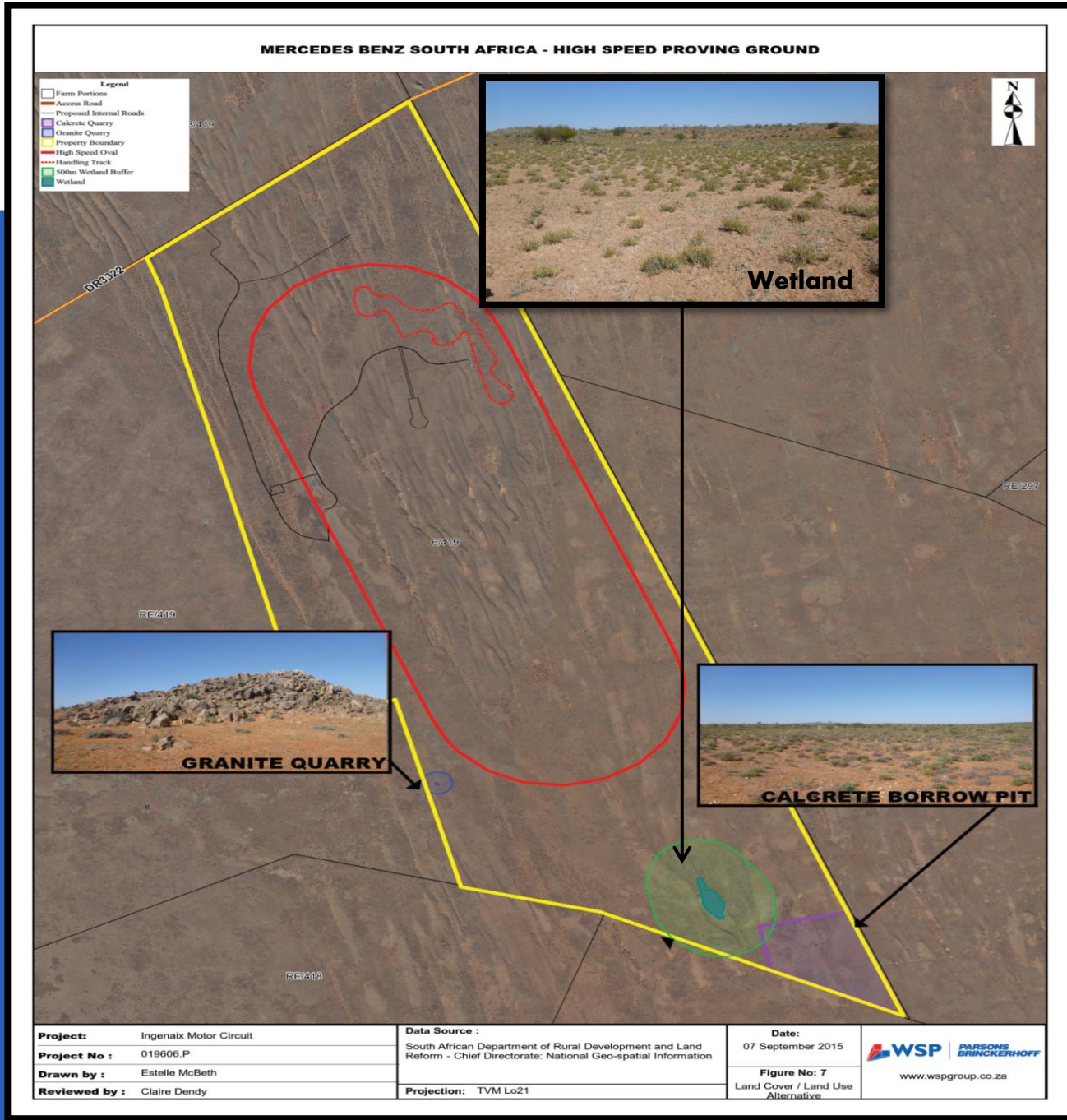
- Sourcing Material Onsite
  - Depend on the quality and quantity of material
  - Cut-to-fill activities to obtain the material
- Sourcing Material Offsite
  - Importing of material if insufficient material located onsite

## → NO GO ALTERNATIVE

- No positive Impacts – Lost opportunity
  - Increase in employment and business opportunities
  - Benefit to local hospitality and tourism sector
  - Investment in local development initiatives
  - Raise profile of the Uppington region
- Alternative locations would have to be consider outside of SA



# ALTERNATIVES CONSIDERED

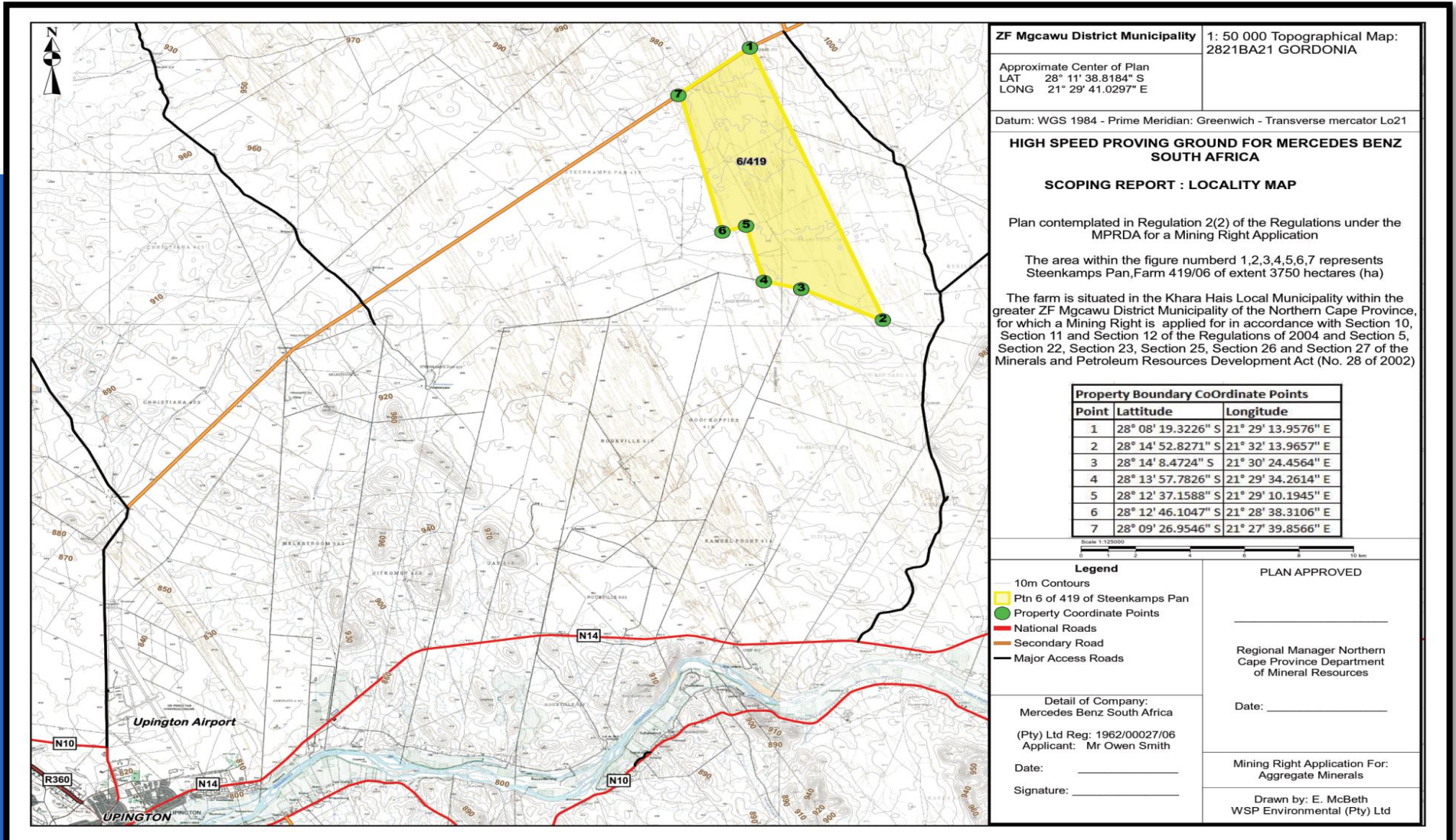


ingen|aix  
GmbH

**WSP** | **PARSONS BRINCKERHOFF**



# FINAL SITE SELECTION



**ZF Mgcawu District Municipality** 1: 50 000 Topographical Map: 2821BA21 GORDONIA

Approximate Center of Plan  
 LAT 28° 11' 38.8184" S  
 LONG 21° 29' 41.0297" E

Datum: WGS 1984 - Prime Meridian: Greenwich - Transverse mercator Lo21

**HIGH SPEED PROVING GROUND FOR MERCEDES BENZ SOUTH AFRICA**

**SCOPING REPORT : LOCALITY MAP**

Plan contemplated in Regulation 2(2) of the Regulations under the MPRDA for a Mining Right Application

The area within the figure number 1,2,3,4,5,6,7 represents Steenkamps Pan, Farm 419/06 of extent 3750 hectares (ha)

The farm is situated in the Khara Hais Local Municipality within the greater ZF Mgcawu District Municipality of the Northern Cape Province, for which a Mining Right is applied for in accordance with Section 10, Section 11 and Section 12 of the Regulations of 2004 and Section 5, Section 22, Section 23, Section 25, Section 26 and Section 27 of the Minerals and Petroleum Resources Development Act (No. 28 of 2002)

**Property Boundary CoOrdinate Points**

| Point | Latitude           | Longitude          |
|-------|--------------------|--------------------|
| 1     | 28° 08' 19.3226" S | 21° 29' 13.9576" E |
| 2     | 28° 14' 52.8271" S | 21° 32' 13.9657" E |
| 3     | 28° 14' 8.4724" S  | 21° 30' 24.4564" E |
| 4     | 28° 13' 57.7826" S | 21° 29' 34.2614" E |
| 5     | 28° 12' 37.1588" S | 21° 29' 10.1945" E |
| 6     | 28° 12' 46.1047" S | 21° 28' 38.3106" E |
| 7     | 28° 09' 26.9546" S | 21° 27' 39.8566" E |

Scale 1:125000

**Legend**

- 10m Contours
- Ptn 6 of 419 of Steenkamps Pan
- Property Coordinate Points
- National Roads
- Secondary Road
- Major Access Roads

**PLAN APPROVED**

Regional Manager Northern Cape Province Department of Mineral Resources

Detail of Company:  
 Mercedes Benz South Africa

Date: \_\_\_\_\_

(Pty) Ltd Reg: 1962/00027/06  
 Applicant: Mr Owen Smith

Mining Right Application For:  
 Aggregate Minerals

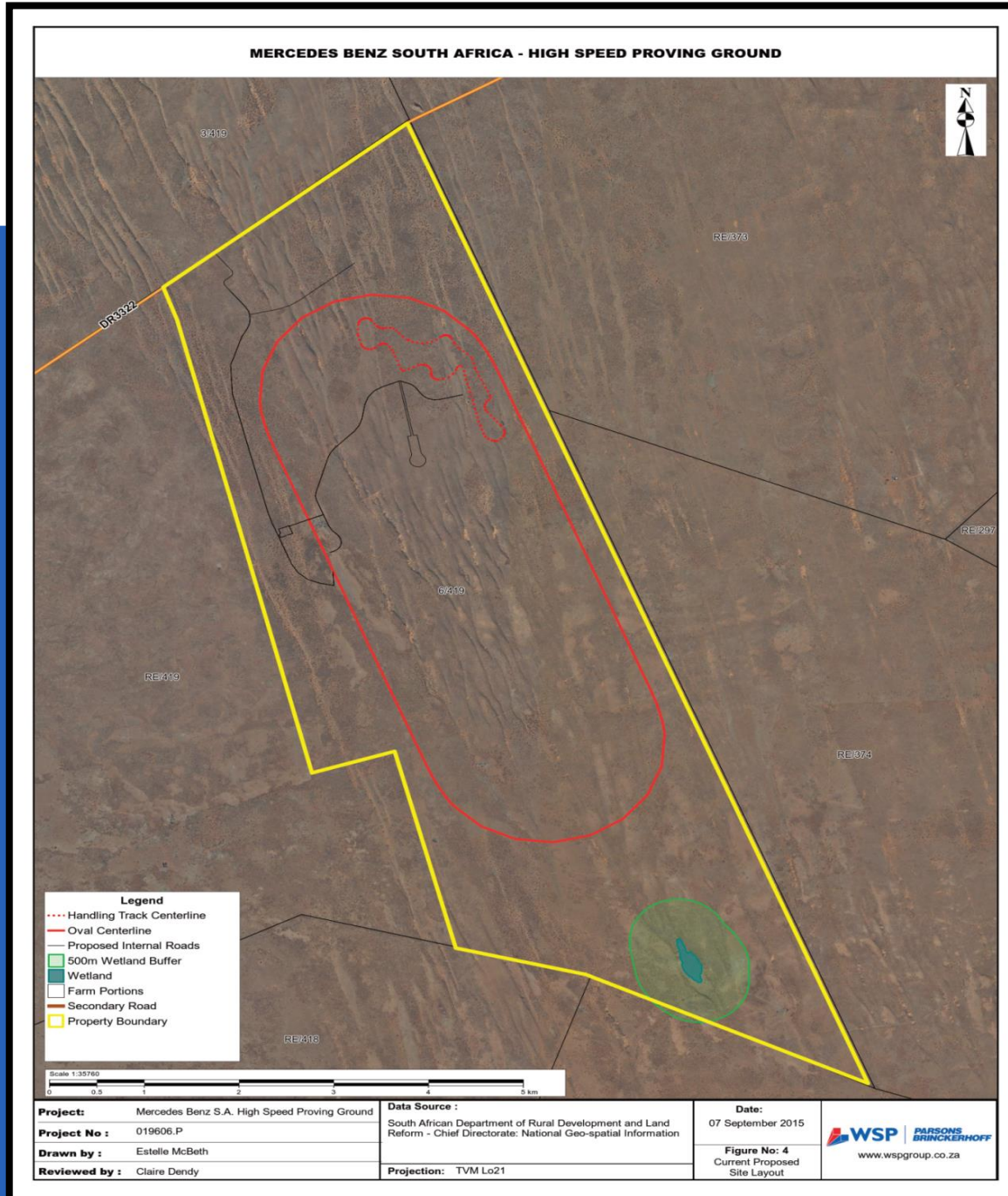
Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Drawn by: E. McBeth  
 WSP Environmental (Pty) Ltd



# FINAL LAYOUT SELECTION



- Minimise the potential impacts to the environment (Wetland)
- HSPG has been positioned to reduce impact to dunes
- Oval shape due to topography of site

# PUBLIC PARTICIPATION

- Placement of site notices: 17 July 2015
- Notification (Email, fax, letters): 15 July 2015
- Advertising in the following newspapers:
  - Gemsbok: 4 July 2015
  - Die Burger: 17 July 2015
- Public Meeting: 15 October 2015
- NCDENC Meeting: 14 October 2015 (This Meeting)
- Authority Meeting: 15 October 2015
- Draft Scoping Report Review: 16 September 2015 – 23 October 2015

# WAY FORWARD

| Tasks                          | Anticipated Date                    |
|--------------------------------|-------------------------------------|
| DSR on public review           | 16 September 2015 - 23 October 2015 |
| FSR to NCDENC                  | 29 October 2015 – 1 January 2016    |
| NCDENC Acceptance of FSR       | January 2016                        |
| Draft EIR on public review     | February 2016 – March 2016          |
| Final EIR to NCDENC and Review | March 2016 – August 2016            |
| NCDENC Approval                | August 2016                         |
| Appeal Period                  | August 2016 – October 2016          |

# FURTHER QUERIES PLEASE CONTACT

- WSP Environmental (Pty) Ltd
  - Anri Scheepers  
Senior Environmental Consultant  
Tel: 011 360 6089  
Fax: 011 361 1301  
Email: [anri.scheepers@wspgroup.co.za](mailto:anri.scheepers@wspgroup.co.za)
  - Claire Dendy  
Assistant Environmental Consultant  
Tel: 011 361 1334  
Fax: 011 361 1301  
Email: [claire.dendy@wspgroup.co.za](mailto:claire.dendy@wspgroup.co.za)



# QUESTIONS