

PROJECT  
**PROPOSED TOWNSHIPS  
 GOUDRAND EXT'S. 4 - 11**  
 SITUATED ON  
 PTN'S. OF REM. OF PTN'S. 1 & 5 AND  
 PTN. 404  
 OF THE FARM ROODEPOORT 237 I.Q

LOCALITY PLAN

# SENSITIVITY MAP

LAND USE TABLE

**LEGEND**

- Wetland Area
- Mine tailings wet area
- Hillslope seepage
- Undermined Area

SPECIAL TO INCLUDE

**DEVELOPMENT POTENTIAL OF TOWNSHIP**

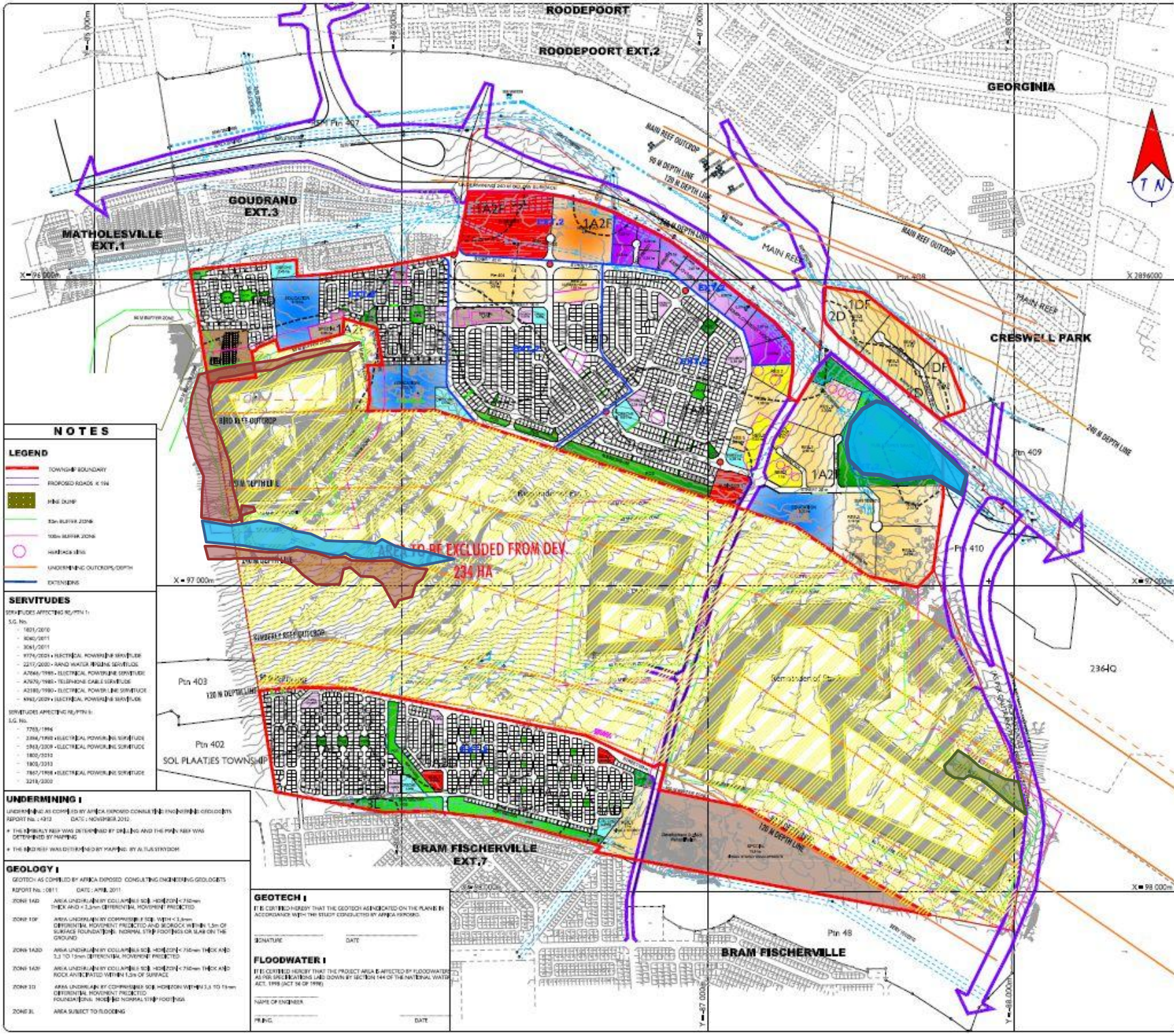
RESIDENTIAL POTENTIAL:	BUSINESS POTENTIAL:
<ul style="list-style-type: none"> <li>* BONDIED ERYEN - 1000 ERYEN                * AVERAGE DPT 0.85, 20 m x 12.5 m = 250 m</li> <li>* CREDIT LINKED ERYEN - 1600 ERYEN                * AVERAGE DPT 0.85, 15 m x 12 m = 180 m</li> <li>* CLUSTER ERYEN                AREA 3,17 HA                DENSITY: 42 UNITS / HA                POT. NO OF UNITS: 126 ERYEN</li> <li>* HIGH DENSITY                AREA 32,33 HA                DENSITY: 240 / UNITS / HA                POT. NO OF UNITS: 7711 UNITS</li> </ul>	<ul style="list-style-type: none"> <li>AREA - 7,7 HA                FAR @ 0.4 - 45 200 m<sup>2</sup> FLOOR AREA</li> <li><b>EMPLOYMENT NODE POTENTIAL:</b>                AREA - 7 HA                FAR @ 0.6 - 42 000 m<sup>2</sup> FLOOR AREA</li> <li><b>RESIDENTIAL</b>                AREA - 3,8 HA                FAR @ 0.8 - 30 400 m<sup>2</sup> FLOOR AREA</li> </ul>
<b>TOTAL RES. POTENTIAL: 16480 UNITS</b>	

CLIENT  
**DINO PROPERTIES (Pty) Ltd**

DESIGNED	HT	APPROVED	SCALE
BRAWN	CST	DATE	FEB 2013
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**Hunter Theron Inc  
 TOWN PLANNERS**



**NOTES**

**LEGEND**

- TOWNSHIP BOUNDARY
- PROPOSED ROADS < 15M
- MINE DUMP
- 25m BUFFER ZONE
- 100m BUFFER ZONE
- ROADSIDE LINES
- UNDERMINING OUTCROPS/DEPTH EXTENSIVES

**SERVITUDES**

- SERVITUDES AFFECTING NEYPIN 1:  
 S.G. No.
- 1801/2010
  - 1802/2011
  - 3041/2011
  - 1774/2021 - ELECTRICAL POWERLINE SERVITUDE
  - 2217/2020 - ROAD WIDTH SERVITUDE
  - 4294/1985 - ELECTRICAL POWERLINE SERVITUDE
  - 4295/1985 - TELEPHONE CABLE SERVITUDE
  - 4296/1985 - ELECTRICAL POWERLINE SERVITUDE
  - 4942/2021 - ELECTRICAL POWERLINE SERVITUDE
- SERVITUDES AFFECTING NEYPIN 2:  
 S.G. No.
- 1783/1996
  - 2384/1995 - ELECTRICAL POWERLINE SERVITUDE
  - 2583/2008 - ELECTRICAL POWERLINE SERVITUDE
  - 1803/2012
  - 1803/2013
  - 1902/1998 - ELECTRICAL POWERLINE SERVITUDE
  - 3218/2005

**UNDERMINING I**

UNDERMINING AS COMPILED BY AFPCA EXPOSED CONSULTING ENGINEERS GEOLOGISTS  
 REPORT No. 4312 DATE: NOVEMBER 2012

\* THE PROBABILITY RISK WAS DETERMINED BY DRILLING AND THE PROB. RISK WAS DETERMINED BY MAPPING

\* THE RISK LEVEL WAS DETERMINED BY MAPPING BY A REGISTERED

**GEOLOGY I**

- GEOLOGY AS COMPILED BY AFPCA EXPOSED CONSULTING ENGINEERS GEOLOGISTS  
 REPORT No. 0811 DATE: APRIL 2011
- 2006 1A2 AREA UNDERMINED BY COLLAPSE OF SOIL - HORIZON @ 1.5m THICK AND < 2.5m DIFFERENTIAL MOVEMENT PREDICTED
  - 2006 1D1 AREA UNDERMINED BY COMPRESSION OF SOIL WITH < 1.5m DIFFERENTIAL MOVEMENT PREDICTED AND SEAROCK WITHIN 1.5m OF SURFACE FOUNDATION - NORMAL STR. FOOTING ON SLAB ON THE GROUND
  - 2006 1A20 AREA UNDERMINED BY COLLAPSE OF SOIL - HORIZON @ 1.5m THICK AND 3.2 TO 13m DIFFERENTIAL MOVEMENT PREDICTED
  - 2006 1A21 AREA UNDERMINED BY COLLAPSE OF SOIL - HORIZON @ 1.5m THICK AND 3.2 TO 13m DIFFERENTIAL MOVEMENT PREDICTED
  - 2006 1D11 AREA UNDERMINED BY COMPRESSION OF SOIL - HORIZON WITHIN 3.2 TO 13m DIFFERENTIAL MOVEMENT PREDICTED FOUNDATION (SOIL) IS NORMAL STR. FOOTING
  - 2006 2L AREA SUBJECT TO FLOODING

**GEOTECH I**

IT IS CERTIFIED HEREBY THAT THE GEOTECH AS IDENTIFIED ON THE PLAN IS IN ACCORDANCE WITH THE STUDY CONDUCTED BY AFPCA EXPOSED.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

NAME OF ENGINEER \_\_\_\_\_

PRINTING \_\_\_\_\_ DATE \_\_\_\_\_

**FLOODWATER I**

IT IS CERTIFIED HEREBY THAT THE PROJECT AREA AFFECTED BY FLOODWATER AS PER SPECIFICATIONS Laid DOWN BY SECTION 114 OF THE NATIONAL WATER ACT, 1956 (ACT 16 OF 1956)