



Proposed Town Scale 1 : 50 000

LEGEND				
Land Use	Number of Erven	Erf Numbers	Area in Ha	% of Area
Residential 1	407	481-984, 989-1035, 1037-1070, 1072-1098, 1101-1135, 1137-1164, 1166-1193	13.8050ha	66.0%
Business 1	1	587	0.0291ha	0.1%
Municipal	2	636; 709	0.9556ha	4.6%
Institutional	3	671; 774; 785	0.2062ha	1.0%
Public Open Space	1	894	0.0132ha	0.1%
Street			5.9069ha	28.2%
TOTAL	414	481-894	20.9160ha	100%

STREETS		
Reserve Width	Length in metre	% of Street Length
13metre	266m	4.6%
10metre	5561m	95.4%
TOTAL	5827m	100%

NOTES:
 The figure A-B-C-D-E-F-G-H-I-J-K-A represents the proposed township Glaudina Extension 2.
 Erf 709 shall be subject to a 9m Building Restriction, as indicated on the layout plan.

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GEOTECHNICAL REPORT
 Compiled by : GEOSSET cc
 Consulting Environmental and Engineering Geologists
 David S. van der Merwe : Cel: (082) 925 4075

Date : February 2017

Engineering Geological Zonation

Special Development:

Site Class C2H1/2A2C: Highly collapsible hillwash with thickness in excess of 0,75m, underlain by medium expansive matrix material of the pebble marker, with more than 7,5 and possibly up to 15mm movement measured at surface characterizes this zone and it is underlain by clayey calcareous gravel or calcified highly weathered lava. Foundations will therefore require special foundation techniques such as soil replacement by an engineered fill soil raft, stiffened strip footings or stiffened or cellular rafts with articulation joints or solid lightly reinforced masonry, deep strip foundations with fabric reinforcements in floor slabs, or the proper compaction of soil below individual footings, or even piled foundations. Site drainage and plumbing and service precautions must be used. It is classified as C2H1 in terms of the SAIEG & NHBRC guidelines (1995) or the SAICE Code of practice (1995), and 2A2C with the classification for urban development (Partridge, Wood & Brink, 1993).

Site Class PQ: Quarried areas were identified and must be rehabilitated by a proper backfilling before any construction can be allowed.

Undevelopable:

Site Class PD/2-3L: The 1:50 year flood line will specify the allowable distance of development from the drainage features in the area. The size and influence of this zone can possibly be reduced by the installation of a proper drainage system. It was classified as PD in terms of the NHBRC.

XG1 Test pit position and number
 Inferred zone boundary

STREETS:
 Maximum slope 1: 23
 Minimum slope 1: 80

DESIGN OF TOWN LAYOUT
 MAXIM PLANNING SOLUTIONS (PTY) LTD
 K. RAUBENHEIMER Pr. Pn A824/1996
 TEL: (018) 468 6366

1: 100 YEAR FLOODLINE
 It is hereby certified in terms of the provisions of Section 144 of the National Water Act 1996 (Act No.36 of 1996) that the lines shown on this drawing indicate the maximum extent of inundation (likely) on an average every hundred years by the flood waters from the natural catchment (as determined using present topography).

CONTOURS
 The contour survey is in accordance with the standards laid down by the Regulations relating to Township Establishment and Land Use.

PR ENGINEER
 It is hereby certified that the town layout complies with the conditions and recommendations as stated in the Geological Report.

PR ENGINEER



**PROPOSED TOWN
 GLAUDINA EXTENSION 2**

SCALE 1 : 3 000

THE PROPOSED TOWN IS SITUATED ON A PORTION OF THE REMAINING
 EXTENT OF PORTION 10 OF THE FARM VLEESCHKRAAL No. 10 145-HO.

MAMUSA LOCAL MUNICIPALITY NORTH WEST PROVINCE

Drawing Compiled by : A. Rossouw Tel (018)468-6366
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Drawings Nr. : 8/26/2

Date : 2017-05-02

Revision :

Caddie file : Z:\8-PROJECTS\ 8-26-2-K-T Glaudina Extension 2 Maps\CAD