

LEGEND

Proposed Zoning	Proposed Land use	Number of Erven	Erf Number	Area in Ha	% of Area
Residential zone IV	Residential house, low cost housing (Minimum 350m ²)	913	11484-11561; 11563-11649; 11651-11808; 11810-11914; 11916-12490	41.8048ha	63.77%
Business zone II	Shop	2	11562; 12401	0.4044ha	0.62%
Institutional zone I	Place of instruction (Creche)	1	11915	0.0888ha	0.14%
Institutional zone II	Public place of worship (Church)	1	11650	0.3362ha	0.51%
Open space zone I	Public open space	6	12402-12407	5.6555ha	8.63%
Open space zone II	Private open space (Sportsfield)	1	11809	1.4406ha	2.20%
Transport zone II	Public street	20	12408-12427	15.8234ha	24.13%
TOTAL		944	11484-12427	65.5537ha	100%

STREETS

Reserve Width	Length in Metre	% of Street Length
25m	1338.85m	10.46%
16m	1113.97m	8.71%
13m	1308.95m	10.23%
10m	9033.20m	70.60%
TOTAL	12794.97m	100%

Average Residential Erven Size : 457.88m²
 Erf sizes and dimensions subject to final survey.

1 : 100 YEAR FLOODLINE

It is hereby certified in terms of the provisions of Section 144 of the National Water Act, 1998 (Act No.36 of 1998) that the township is not affected by a public stream.

PR ENGINEER

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

PR ENGINEER

STREETS:
 Maximum slope 1 : 12
 Minimum slope 1 : 645

DESIGN OF TOWN LAYOUT

Maxim Planning Solutions (Pty) Ltd
 K. Raubenheimer Pr. Ptn A/924/1996
 Tel. (018) 468 6366

CONTOURS

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

Digital Orthophoto by: *Azura*

Tel: (012) 8030346
 Date of Photography : June 2018
 System : WGS84 Central Meridian : Lo23

NOTES:

The figure A-B-C-D-E-F-G-H-J-K-L-M-N-O-P-Q-R-S-T-U-V-W-X-Y-Z-A'-B'-C'-A represents the proposed town of Kuruman comprising Erven 11484 to 12427.

No ingress to or egress from Bothutso Street along the line(s) lettered a-S-R-Q-P-O as indicated on the layout plan.

No ingress to or egress from Road DR3456 along the line(s) lettered O-N-M-L-K-J as indicated on the layout plan.

No ingress to or egress from Long Street along the line(s) lettered J-b-c-d-e; h; k-l-m-n; o-p and s-t as indicated on the layout plan.

No ingress to or egress from Ostrich Street along the line(s) lettered e-f and g-h as indicated on the layout plan.

No ingress to or egress from Kwena Street along the line(s) lettered p-q and r-s as indicated on the layout plan.

10m Building Restriction along the line(s) lettered P-O-N-M-L-K-J-b as indicated on the layout plan.

GEOTECHNICAL REPORT
 Compiled by : COUNCIL FOR GEOSCIENCE
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 Silverton, Pretoria
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 website: www.geoscience.org.za
 Team Members: N. P. Mkhize, D. Lombard and G. Mogashoa
 Date : JULY 2017

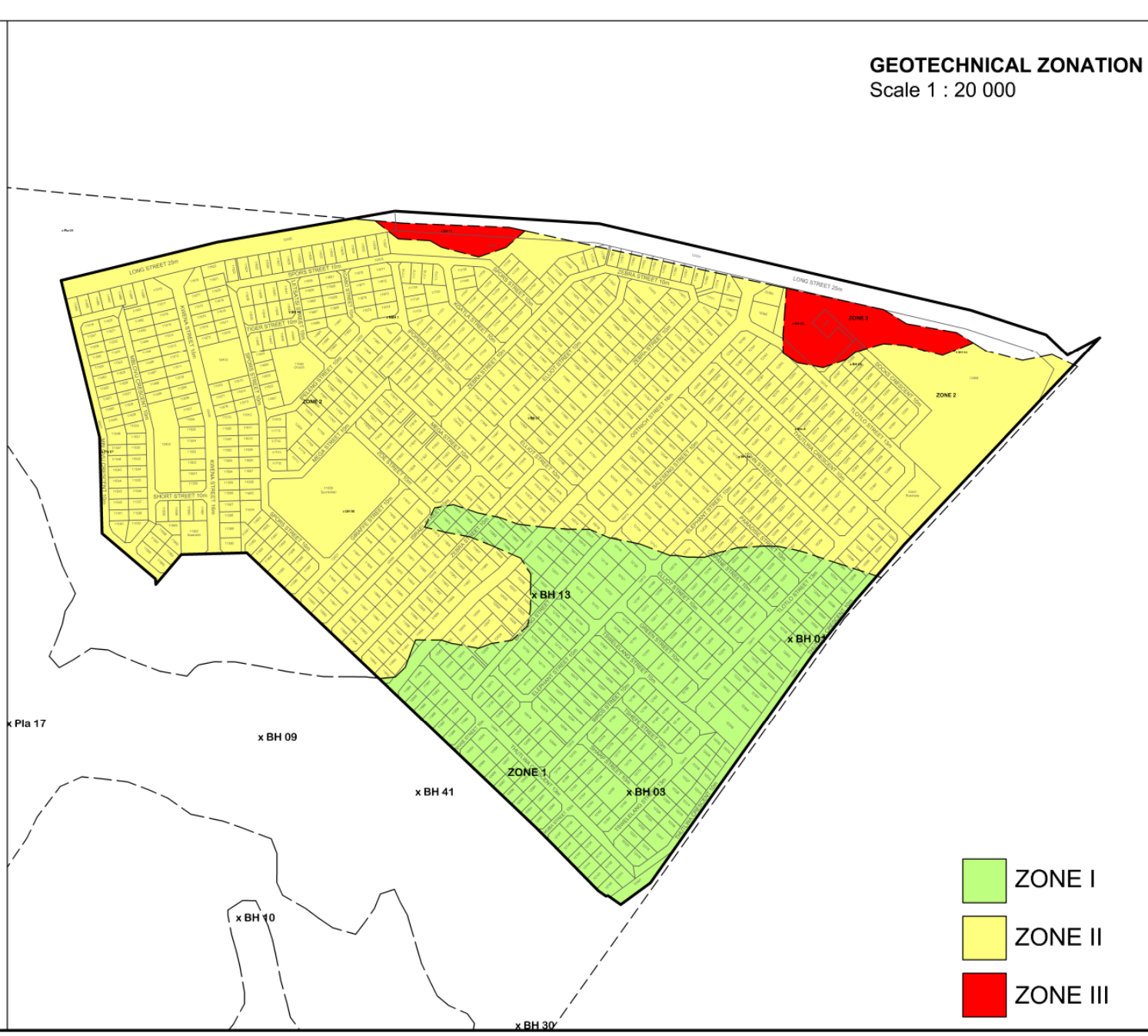
Engineering Geological Zonation

Zone I: Dolomite area Designation of D3 and Inherent Hazard Class IHC 3/(4)(5)/(4)1
 Zone I is characterised by a medium inherent susceptibility of up to a large to medium size sinkhole and subsidence formation (2 m to 5 m in diameter) with respect to ingress and small size sinkhole (<2 m) with respect to groundwater level drawdown. Zone I occupies mainly the gravity high and gradient areas. This zone encompasses pockets of IHC5 due to the encounter of dolomite bedrock at 1 m and 4 m in BH43 and PLA23, respectively. The blanketing layer is characterised by colluvium, chert rubble, dolomite chert residuum (containing fines-Wad) underlain by weathered dolomite and dolomite bedrock. The depth to dolomite bedrock generally ranges between 6 m to 15 m. Groundwater rest level in this zone is mainly within bedrock.

Zone II: Dolomite area Designation of D3 and Inherent Hazard Class IHC 4/(4)1
 This zone is characterised by a medium inherent susceptibility of up to a medium to large size sinkhole and subsidence formation (2 m to 5 m in diameter) with respect to both ingress and groundwater level drawdown. The blanketing layer is characterised by colluvium, chert residuum, dolomite chert residuum (containing fines-Wad) underlain by weathered dolomite and dolomite bedrock. The depth to dolomite bedrock is variable and groundwater rest level is mainly within the blanketing layer. Zone II is the most dominant zone in terms of areal coverage.

Zone III: Dolomite area Designation of D4 and Inherent Hazard Class IHC 7/(8)7/8
 This zone is characterised by a medium to high inherent susceptibility of up to a large to very large size sinkhole and subsidence formation (2 m to >15 m in diameter) with respect to both groundwater level drawdown and water ingress. The ground conditions in this zone are highly variable. Zone III occupies the gravity lows mainly in the northern section of the map. The blanketing layer is considerably thick and is characterised by colluvium, chert residuum, dolomite chert residuum (fines-Wad) underlain by weathered dolomite. The depth to dolomite bedrock is generally deep (>20 m) and groundwater rest level is mainly within the blanketing layer or within the cavity.

— Inferred Zone Boundary
 x BH 26 Test Position and Number



LAYOUT MAP:
PROPOSED TOWNSHIP KURUMAN
COMPRISING OF ERVEN 11484 TO 12427

240m 160m 80m 40m 0m 50m 100m 200m
 1cm = 40m

SCALE 1 : 2 500

THE PROPOSED TOWN IS SITUATED ON A PORTION OF THE REMAINING EXTENT OF ERF 3, KURUMAN (TO BE KNOWN AS ERF 11481, KURUMAN FOLLOWING SUBDIVISION THEREOF) AND A PORTION OF THE REMAINING EXTENT OF PORTION 3 OF THE FARM KURUMAN RESERVE No. 690, DIVISION KURUMAN (TO BE KNOWN AS ERF 11482, KURUMAN FOLLOWING SUBDIVISION THEREOF) TO BE CONSOLIDATED AS ERF 11483, KURUMAN.

GA-SEGONYANA LOCAL MUNICIPALITY NORTHERN CAPE PROVINCE

Drawing Compiled by : A. Rossouw
 Drawings Nr. : 8/34/7
 Date : 2019-04-17(F)
 Revision : 0

Caddie File : Z:\8-PROJECTS\8-34-7-K-T Promised Land Informal Settlement\Maps\CAD\Phase 6

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