

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 328m ²) | 870 | 8976-8993; 8995-9359; 9361-9433; 9435-9848 | 34.6983ha | 64.34% |
| Institutional zone II | Public place of worship (Church) | 2 | 9360; 9434 | 0.2815ha | 0.52% |
| Open space zone I | Public open space | 8 | 9849-9856 | 4.8523ha | 9.00% |
| Open space zone II | Private open space (Cemetery) | 1 | 8994 | 0.3359ha | 0.62% |
| Transport zone II | Public street | 18 | 9857-9874 | 13.7605ha | 25.61% |
| TOTAL | | 899 | 8976-9874 | 53.9285ha | 100% |

STREETS

| Reserve Width | Length in Metre | % of Street Length |
|---------------|------------------|--------------------|
| 16m | 2738.35m | 22.66% |
| 13m | 691.63m | 5.72% |
| 10m | 8564.07m | 70.87% |
| 6m | 90.00m | 0.75% |
| TOTAL | 12084.05m | 100% |

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-A represents the proposed town of Kuruman comprising Erven 8976 to 9874.

No ingress to or egress from Agisanang Street along the line(s) lettered a-b as indicated on the layout plan.

No ingress to or egress from Bokhutso Street along the line(s) lettered b-c-d-e-f as indicated on the layout plan.

No ingress to or egress from Road DR3456 along the line(s) lettered f-l-k as indicated on the layout plan.

10m Building Restriction along the line(s) lettered e-f-l-k as indicated on the layout plan.

GEOTECHNICAL REPORT
 Compiled by: COUNCIL FOR GEOSCIENCE
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 Date: JULY 2017

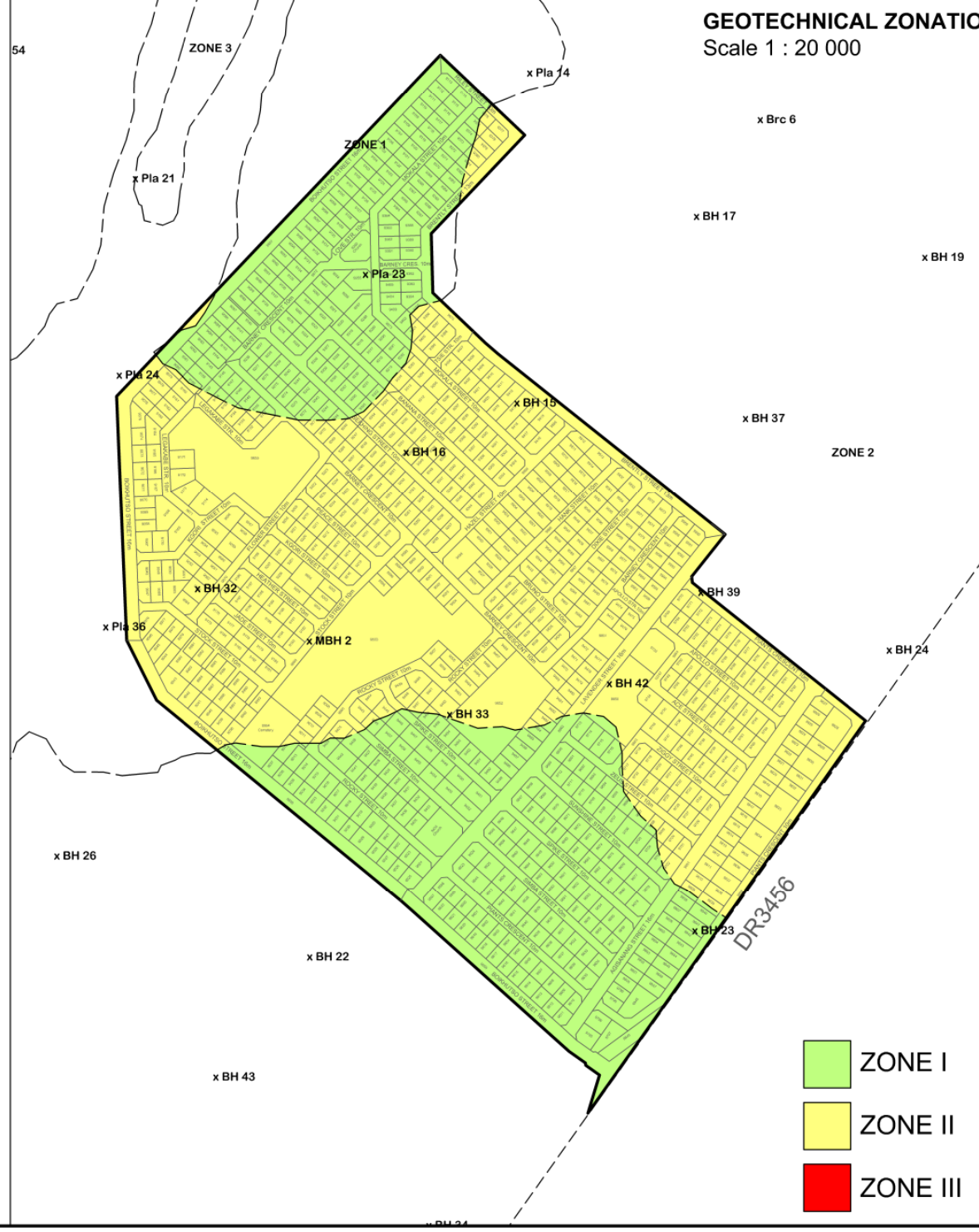
Engineering Geological Zonation

Zone I: Dolomite area Designation of D3 and Inherent Hazard Class IHC 3(4)(5)/(4)1
 This zone is characterised by a medium inherent susceptibility of up to a 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 in some instances) 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



Average Residential Erven Size : 398.8m²
 Erf sizes and dimensions subject to final survey.

DESIGN OF TOWN LAYOUT

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.

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

**LAYOUT MAP:
 PROPOSED TOWNSHIP KURUMAN
 COMPRISING OF ERVEN 8976 TO 9874**

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 8975, KURUMAN FOLLOWING SUBDIVISION THEREOF)

GA-SEGONYANA LOCAL MUNICIPALITY NORTHERN CAPE PROVINCE

Drawing Compiled by: A. Rossouw
 Drawings Nr.: 8/347(C)
 Date: 2019-04-15
 Revision: 1

Caddie File: Z:\8-PROJECTS\8-34-7-K-T Promised Land Informal Settlement\CAD\Phase 3

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