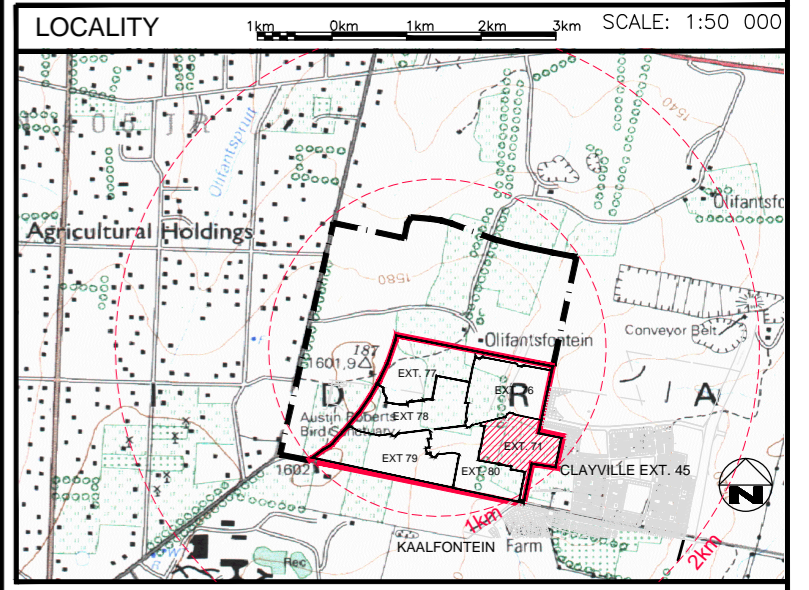


**PROJECT**  
 PROPOSED TOWNSHIP  
**CLAYVILLE EXTENSION 71**  
 SITUATED ON A PART OF PORTION 207 (A PORTION OF PORTION 183)  
 OF THE FARM OLIFANTSFONTEIN 410 JR

LOCAL AUTHORITY : EKURHULENI METROPOLITAN MUNICIPALITY  
 DISTRICT : KEMPTON PARK  
 GEODETICAL SYSTEM : WC27



**LAND USE TABLE**

ZONING	LAND USE	ERF NUMBERS	No. OF STANDS	AREA OF STANDS & STREETS	% OF AREA
RESIDENTIAL 2	DWELLING HOUSES 9m x 18m = 160m <sup>2</sup>	2116-2251,1522-1483, 1544-1547,1566-1581, 1597-1628,1629-1660, 1663-1819,1825-1829	422	7,53	44,27
RESIDENTIAL 4	DWELLING HOUSES 9m x 20m = 180m <sup>2</sup>	1523,1662	12	0,23	1,35
SPECIAL	DWELLING HOUSES, DWELLING UNITS, RESIDENTIAL BUILDINGS, PRIVATE ROADS 180 DWELLINGS UNITS PER HA (1:10)	1523,1662	2	1,75	10,29
COMMUNITY FACILITY	ELECTRICAL POWERLINES, MUNICIPAL SERVICES PLACES OF INSTRUCTION, PLACES OF EDUCATION, SOCIAL HALLS, PLACES OF PUBLIC WORSHIP, LIBRARIES, CHILD CARE FACILITIES, SPORT AND RECREATION CLUBS, SPORTS GROUNDS, MONASTERIES, GARDENS	1661,1868	2	1,83	10,76
PUBLIC OPEN SPACE	PLACES OF INSTRUCTION, PLACES OF EDUCATION, SOCIAL HALLS, PLACES OF PUBLIC WORSHIP, LIBRARIES, CHILD CARE FACILITIES, SPORT AND RECREATION CLUBS, SPORTS GROUNDS, MONASTERIES, GARDENS, ZOOLOGICAL GARDENS, CONSERVATION AREAS, ART GALLERIES, SPORT AND RECREATION CLUBS, SOCIAL HALLS, OPEN SPACES, PLAY PARKS, SQUARES AND BUILDING USED IN CONNECTION HEREWITH, MUNICIPAL PURPOSES, SPORTS GROUNDS, SWIMMING POOLS, STORMWATER RETENTION AND ATTENUATION PONDS	1820	1	0,47	2,76
STREETS	STREET/ROADS, PRIVATE ROADS TOLL GATES, WEIGH BRIDGES, PARKING, CYCLE LANES, BUS LANES, MUNICIPAL SERVICES AND INFRASTRUCTURE	2286,2289,2292,2293, 2294,2297,2298,2299	8	0,27	1,59
TOTAL			447	17,01ha	100%

**GENERAL NOTES**  
 THE FIGURE ABCDEFGHIJKLMNOPQRSTUVWXYZA REPRESENTS OUTSIDE BOUNDARY OF THE PROPOSED CLAYVILLE EXTENSION 71, BEING APPROXIMATELY 17,01ha IN EXTENT.

- OUTSIDE BOUNDARY OF TOWNSHIP
  - LINE OF NO ACCESS
  - CADASTRAL BOUNDARIES
- GEOTECHNICAL NOTES:**
- PRESUMED BOUNDARY OF SITE CLASS SUB-AREA
  - TRIAL HOLES POSITION AND NUMBER
  - 2/3E(H/C-C1/S) PRELIMINARY NHRC SITE CLASS EXTENSION

**REVISIONS**

NO.	DESCRIPTION	D - DRAFT	C - CIRCULATED	A - APPROVED

CLIENT: **valumax**  
 TOWN PLANNER: Nomfundo Sibanyoni  
 SCALE: 1:2 500  
 DRAWING REF: **Clay71Lay**  
 D/2015.11.04  
 DRAWING STATUS: DRAFT

**GEOTECHNICAL NOTES:**

Sub - Area	Commentary
(3R)	• Solid hard rock granite outcrop - most probably an undevelopable sub-area
2/3W(R3)/H/C-C1/S)	• Seepage subareas (requiring special drainage design) masked by solid and organic waste materials. • Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below. • Potentially collapsible (CC1) near surface soil conditions
2/3E(H/C-C1/S)	• Natural soils masked by solid and organic waste • Potentially collapsible (C C1) near surface soil conditions
2/3E(R3)/H/C2/S)	• Natural soils masked by solid and organic waste • Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise - • Thick layers of potentially collapsible near surface soils (C2) in these sub areas of the site.
2(R3)/H/C2/S)	• Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise - • Thick layers of potentially collapsible near surface soils (C2) in these sub areas of the site.
2(R3)/H/C -C1/S)	• Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise - • Thick layers of potentially collapsible near surface soils (CC1) in these sub-areas of the site.
2(R2R3)H/C/S)	• Scattered outcrop and sub outcrop of medium and hard rock boulder conditions in these sub -areas of the site.

**KAALFONTEIN EXT. 2**

RESIDENTIAL SITES  
 Minimum slope on roads is 1:27  
 Maximum slope on roads is 1:10

CONTOURS  
 The contours on this plan are in accordance with the stipulations of Regulation (b)(1)(a)(1) of the Town Planning and Township Ordinance, Ord. 15 of 1986. The contours on this plan were obtained from

CO-ORDINATES  
 The Co-ordinate reference is based on WC27 system. Base Plan mapping was done by

FLOODWATER  
 It is hereby certified that in accordance with section 144 of the national water act (act 36 of 1998) the township is not affected by a 1:100 year floodline.

GEOTECHNICAL  
 It is hereby certified that the layout of the township complies with the recommendations and requirements set out in the geotechnical report no. IR1252 dated July 2014

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**DIMENSION AND SIZES**  
 1. All dimensions shown on the plan are approximate, scaled in meters and subject to final survey.  
 2. Township Layout Sketch Plan. Only calculated survey drawing to be used for Engineering Design and Construction purposes.

CONSULTING ENGINEER: S-11-2015  
 date

Engineering Geologist: 14/2015  
 date

Firm: INTRA CONSULT cc

