1 SELECTED OBSERVATION POINT ASSESSMENTS

The selected *observation points* were categorized and assessed in terms of the following assessment criteria.

KEY	DESCRIPTION
NUMBER	Each observation point was allocated a reference number.
CO-ORDINATES	The co-ordinates of each of the observation points are provided.
ALTITUDE	The altitude of the observation point was provided in meters above sea level.
DESCRIPTION	A brief description where the observation point is located is provided.
TYPE	Each observation point is categorized according to its location and significance rating. These criteria include the following: a) Tourist-related areas. b) Corridors, including linear geographical areas visible to users of a route or vantage points. c) Residential Areas/Farmstead. d) Areas of cultural significance. e) Recreational areas.
PHOTOGRAPH	A photograph was taken from each observation point in the direction of the project site to verify the digitally generated view-shed.
PROPERTY LOCATION	The location of the property was described as *foreground*, *middle ground* or *background*.
PROXIMITY	The distance between the observation point and the project site was provided in kilometres.
VISUAL SENSITIVITY OF RECEPTORS	The visual impact considered acceptable is dependent on the type of receptors. A high (e.g. residential areas, nature reserves and scenic routes or trails), moderate (e.g. sporting or recreational areas, or places of work), or low sensitivity (e.g. industrial, mining or degraded areas) was awarded to each observation point.
VISUAL EXPOSURE	Exposure or visual impact tends to diminish exponentially with distance. A high (dominant or clearly visible), moderate (recognizable to the viewer) or low exposure (not particularly visible to the viewer) rating was allocated to each observation point.
VISUAL ABSORPTION CAPACITY (VAC)	The potential of the landscape to conceal the proposed development was assessed. A rating of high (effective screening by topography and vegetation), moderate (partial screening) and low (little screening) was allocated to each observation point.
VISUAL INTRUSION	The potential of the development to fit in with the surrounding environment was determined. The visual intrusion relates to the context of the proposed development while maintaining the integrity of the landscape. A rating of high (noticeable change), moderate (partially fits into the surroundings) or low (blends in well with the surroundings) was allocated.
DURATION	With regard to roads, the distance (in kilometres) and duration (in seconds) for which the property will be visible to the road user, were calculated for each observation point.

2 KEY OBSERVATION POINT 1

KOP1 is situated on the R355 below the Gromis substation. The figure and photograph below indicate that a portion of the proposed powerline would be visible from this point. The proximity of the observation point in relation to the powerline result in an expected high visual impact from this point.

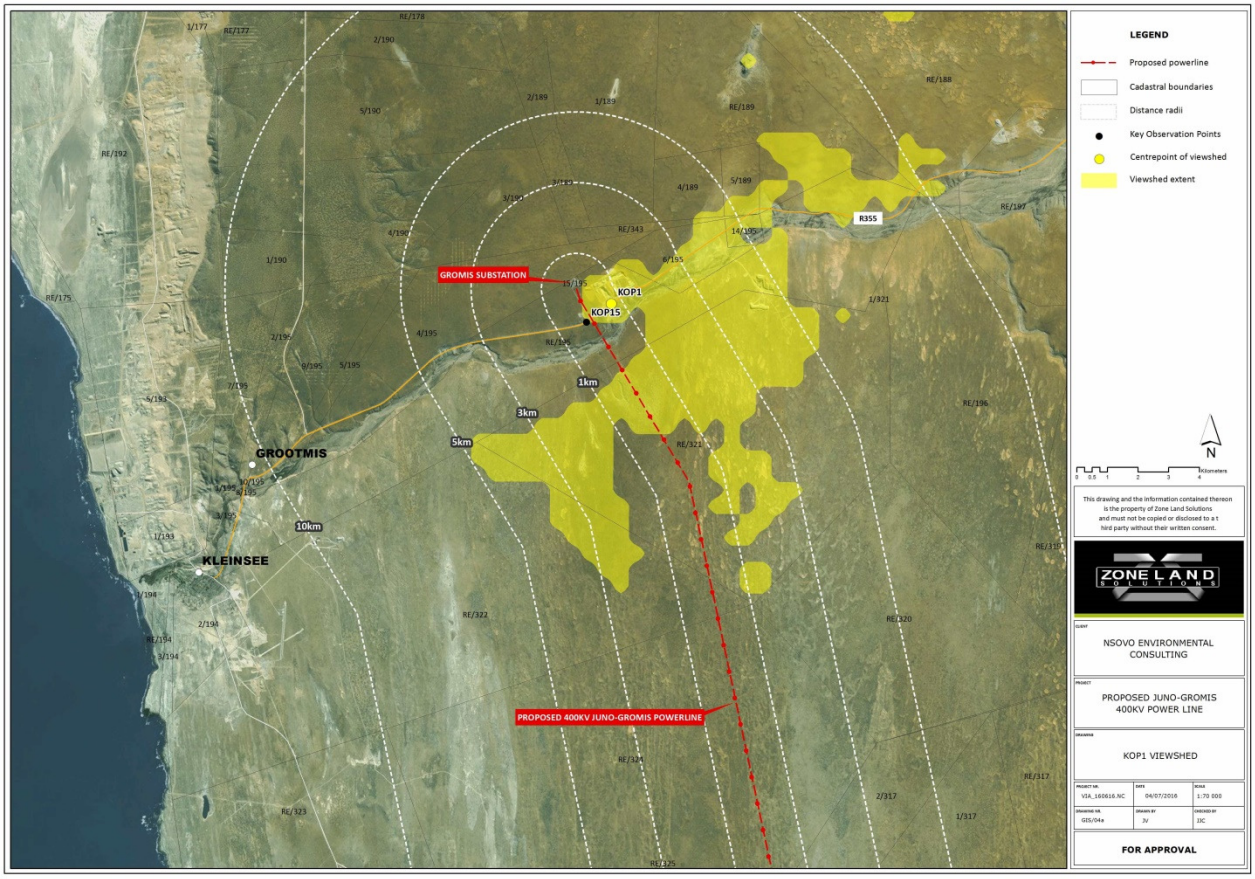

Figure 1: KOP1 Viewshed. Areas shaded yellow is theoretically visible from KOP1.

NUMBER:	KOP1	CO-ORDINATES:	S	E
ALTITUDE:	88m		29°36'30.54"S	17°11'5.80"E
DESCRIPTION:	KOP1 is situated on the R355.			
TYPE:		**PHOTO:**	Photograph 1	
PROP. LOCATION:	Middle ground	**PROXIMITY:**	0.2km	
VISUAL SENSITIVITY:	Moderate			
VISUAL EXPOSURE:	Low	**VAC:**	High	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

Photograph 1: Westerly view towards the project site from KOP1 (Source: Zone Land Solutions).

2 KEY OBSERVATION POINT 3

KOP3 is situated at the Klein Aber Mein self-catering accommodation in Vredendal. This observation point offers relatively wide vistas over the landscape as a result of a low visual absorption capacity of the landscape. Notwithstanding the latter, the observation point is too far from the proposed powerline to be impacted by the latter. A low visual impact is therefore expected from this point.

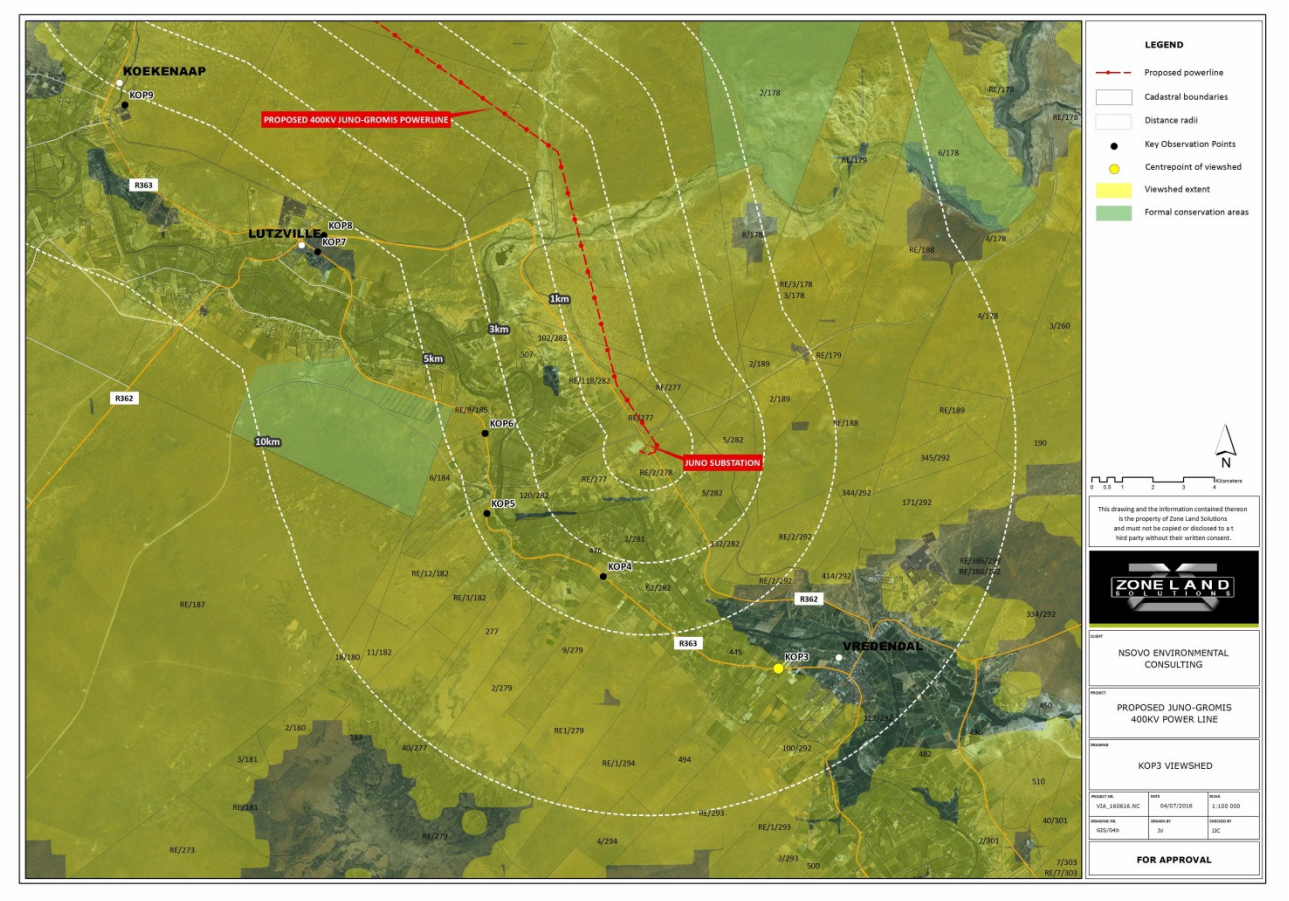

Figure 2: KOP3 Viewshed. Areas shaded yellow is theoretically visible from KOP3.

NUMBER:	KOP3	CO-ORDINATES:	S	E
ALTITUDE:	21.25m		31°39'47.54"S	18°29'8.95"E
DESCRIPTION:	KOP3 is situated at the Klein Aber Mein Self-catering accommodation in Vredendal.			
TYPE:	Tourism	**PHOTO:**	Photograph 2	
PROP. LOCATION:	Background	**PROXIMITY:**	7.3km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Low	**VAC:**	High	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

Photograph 2: Northerly view towards the proposed powerline from KOP3 (Source: Zone Land Solutions).

3 KEY OBSERVATION POINT 6

KOP6 is situated at the Melkboomskloof Lodge off the R363 near Lutzville. Figure 3 and the photograph below indicate the primary views across the landscape in the direction of the proposed powerline. The figures and photographs confirm that the topography of the landscape acts as a barrier to any potential views onto the powerline. The expected viewshed from this point is therefore negligible.

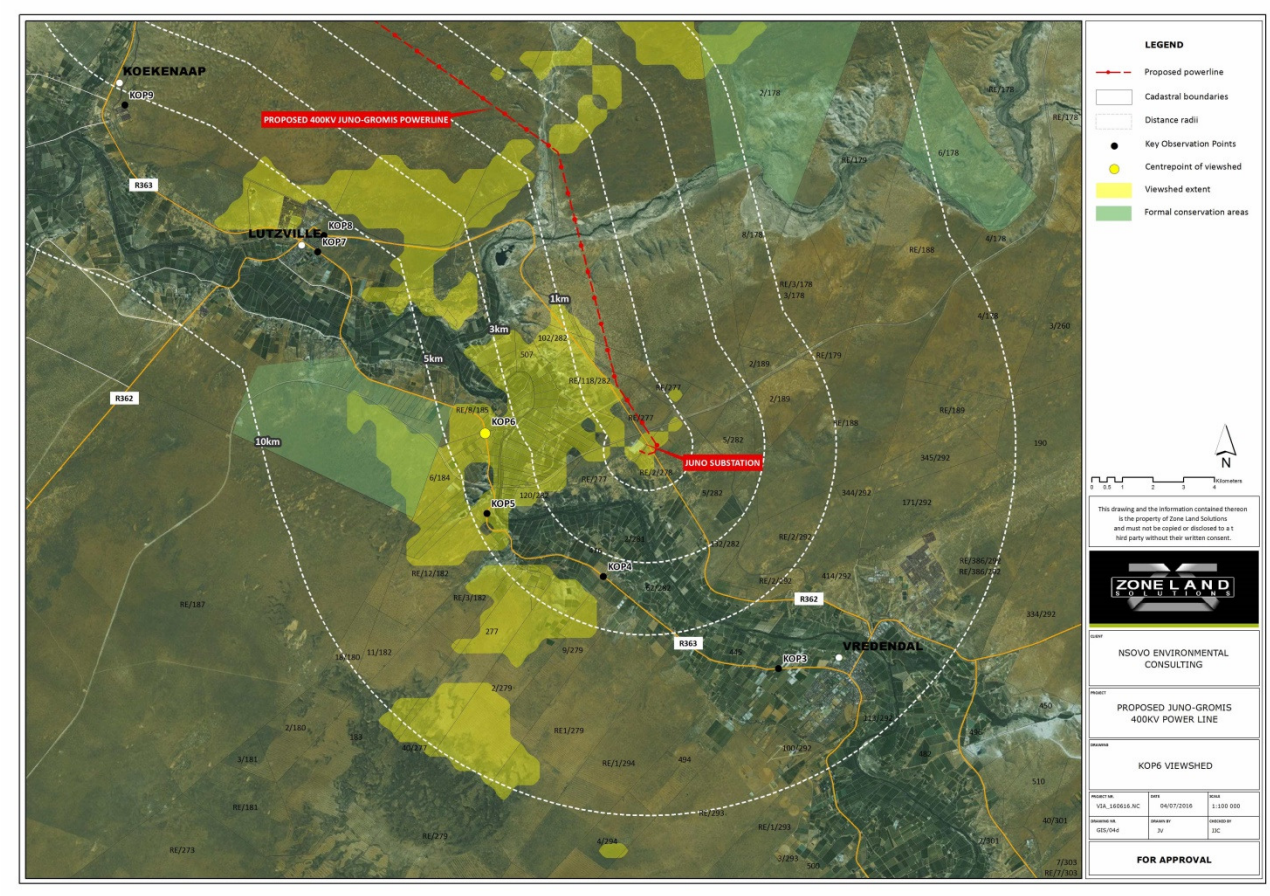

Figure 3: KOP6 Viewshed. Areas shaded yellow is theoretically visible from KOP6.

NUMBER:	KOP6	CO-ORDINATES:	S	E
ALTITUDE:	38m		31°36'15.12"S	18°23'59.59"E
DESCRIPTION:	KOP6 is situated at the Melkboomskloof Lodge.			
TYPE:	Tourism	**PHOTO:**	Photograph 3	
PROP. LOCATION:	Middle ground	**PROXIMITY:**	4km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Moderate	**VAC:**	Moderate	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

Photograph 3: View towards the proposed powerline from KOP6 (Source: Zone Land Solutions).

4 KEY OBSERVATION POINT 8

KOP8 is situated on the northern urban edge on Lutzville. The GIS-generated viewshed indicates that the viewshed from this point is primarily located in a southerly direction. The photographic evidence supports this view and supports the notion that the landscape en route to the project site is as such that the project site is not visible. It is therefore expected that the visual impact from this point would be negligible.

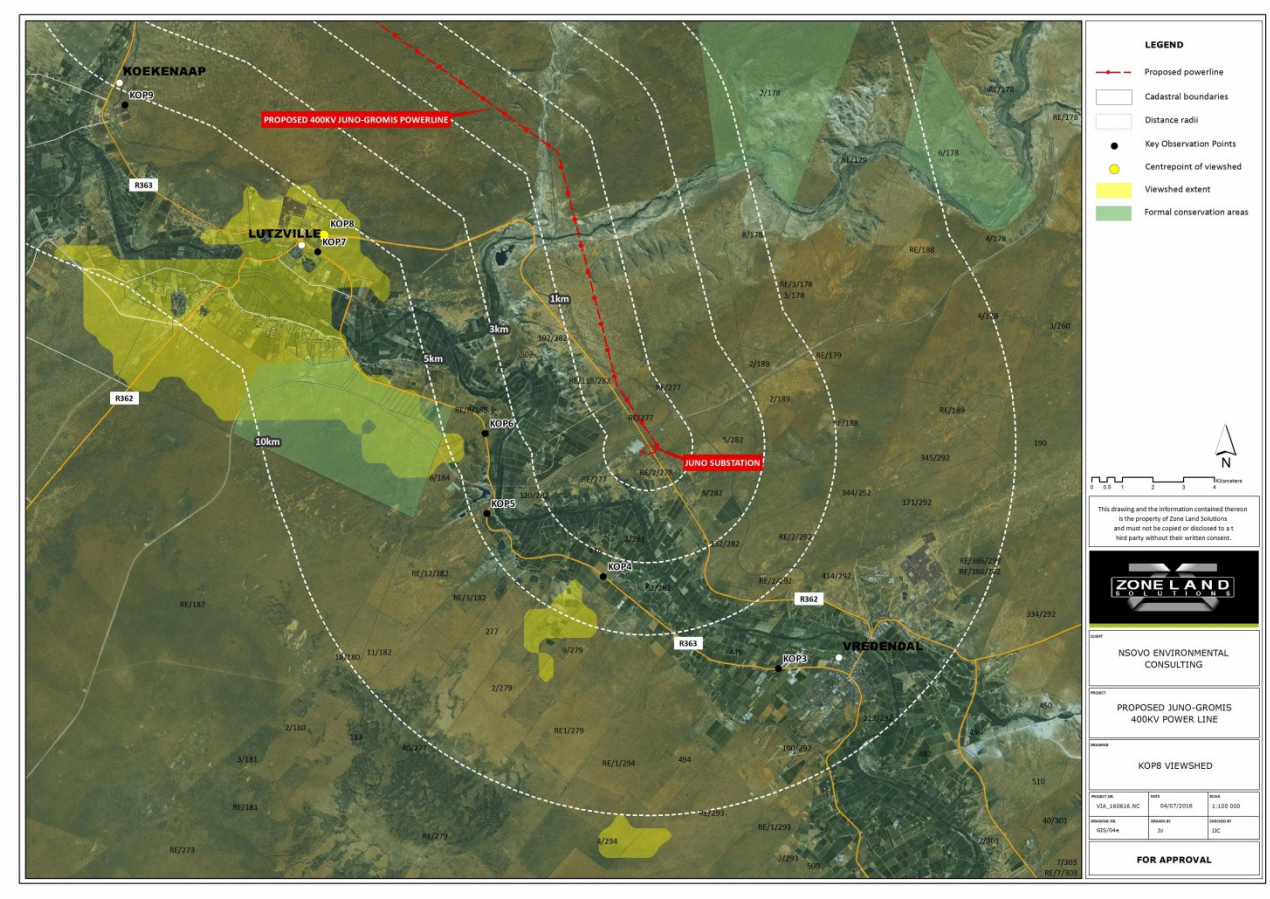

Figure 4: KOP8 Viewshed. Areas shaded yellow is theoretically visible from KOP8.

NUMBER:	KOP8	CO-ORDINATES:	S	E
ALTITUDE:	34m		31°33'18.55"S	18°21'8.50"E
DESCRIPTION:	KOP8 is situated in a residential neighbourhood of Lutzville.			
TYPE:	Residential	**PHOTO:**	Photograph 4	
PROP. LOCATION:	Background	**PROXIMITY:**	5.6km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Low	**VAC:**	High	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

Photograph 4: View towards the proposed powerline from KOP8 (Source: Zone Land Solutions).

5 KEY OBSERVATION POINT 12

KOP12 is located along the R363 at the turn-off the Namakwa Sands. At this point, the observation point is almost directly under the proposed powerline and is therefore offered unspoiled views of the proposed installation. A high visual impact is therefore expected from this point.

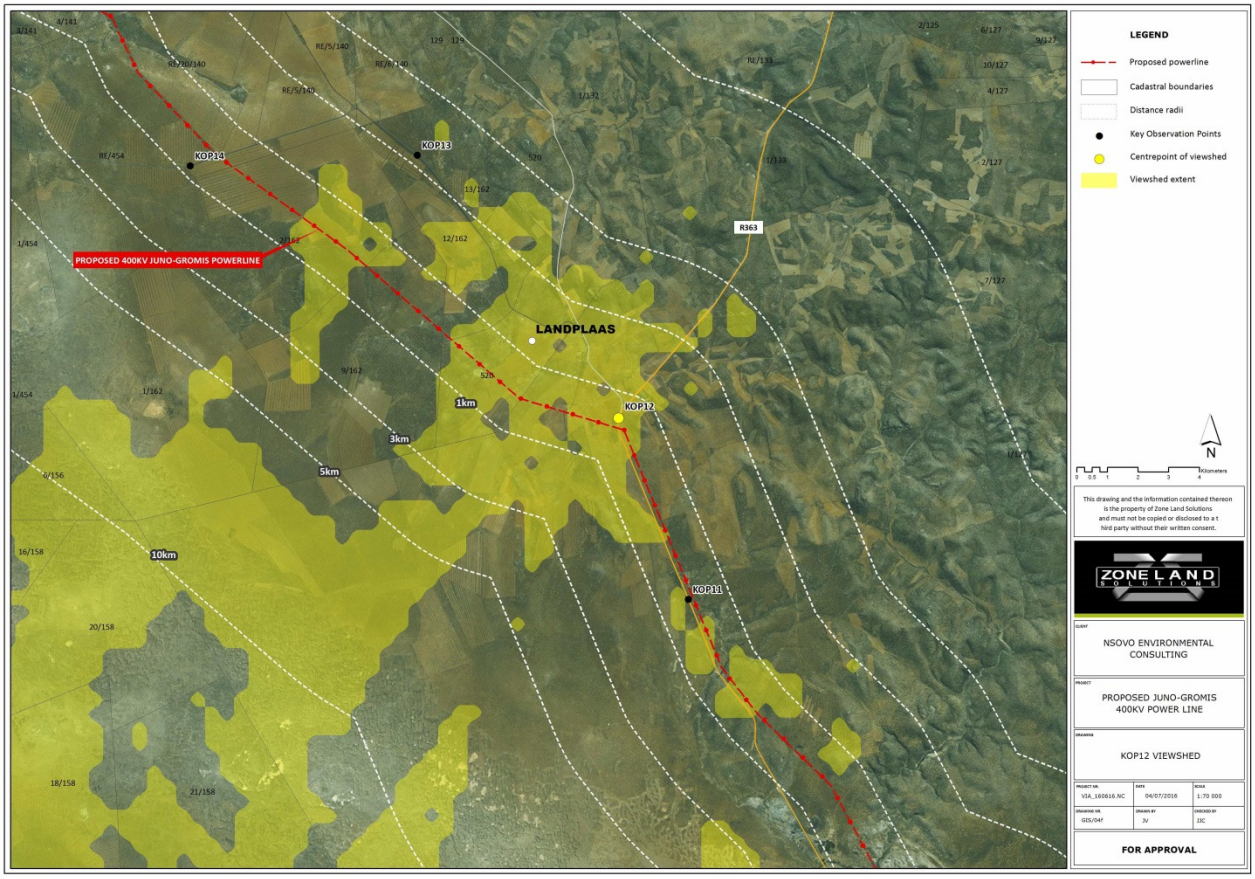

Figure 5: KOP12 Viewshed. Areas shaded yellow is theoretically visible from KOP12.

NUMBER:	KOP12	CO-ORDINATES:	S	E
ALTITUDE:	250m		31°21'30.17"S	18°14'6.35"E
DESCRIPTION:	KOP6 is located along the R363.			
TYPE:	Transport	**PHOTO:**	Photograph 5	
PROP. LOCATION:	Foreground	**PROXIMITY:**	250m	
VISUAL SENSITIVITY:	Low			
VISUAL EXPOSURE:	High	**VAC:**	Low	
VISUAL INTRUSION:	High	**DURATION:**	N/A	

Photograph 5: View from KOP12 towards the proposed powerline (Source: Zone Land Solutions).

6 KEY OBSERVATION POINT 16

KOP16 is located in the rural settlement of Lepelsfontein. The observation point is located some 3km east of the proposed powerline. As the observation point is located at a slightly elevation position over the new installation, it is expected that good vantage should be created over the landscape. However, Figure 6 and the photograph below indicate that viewshed is very limited. It is therefore expected that a moderate to low visual impact could be expected from this point.

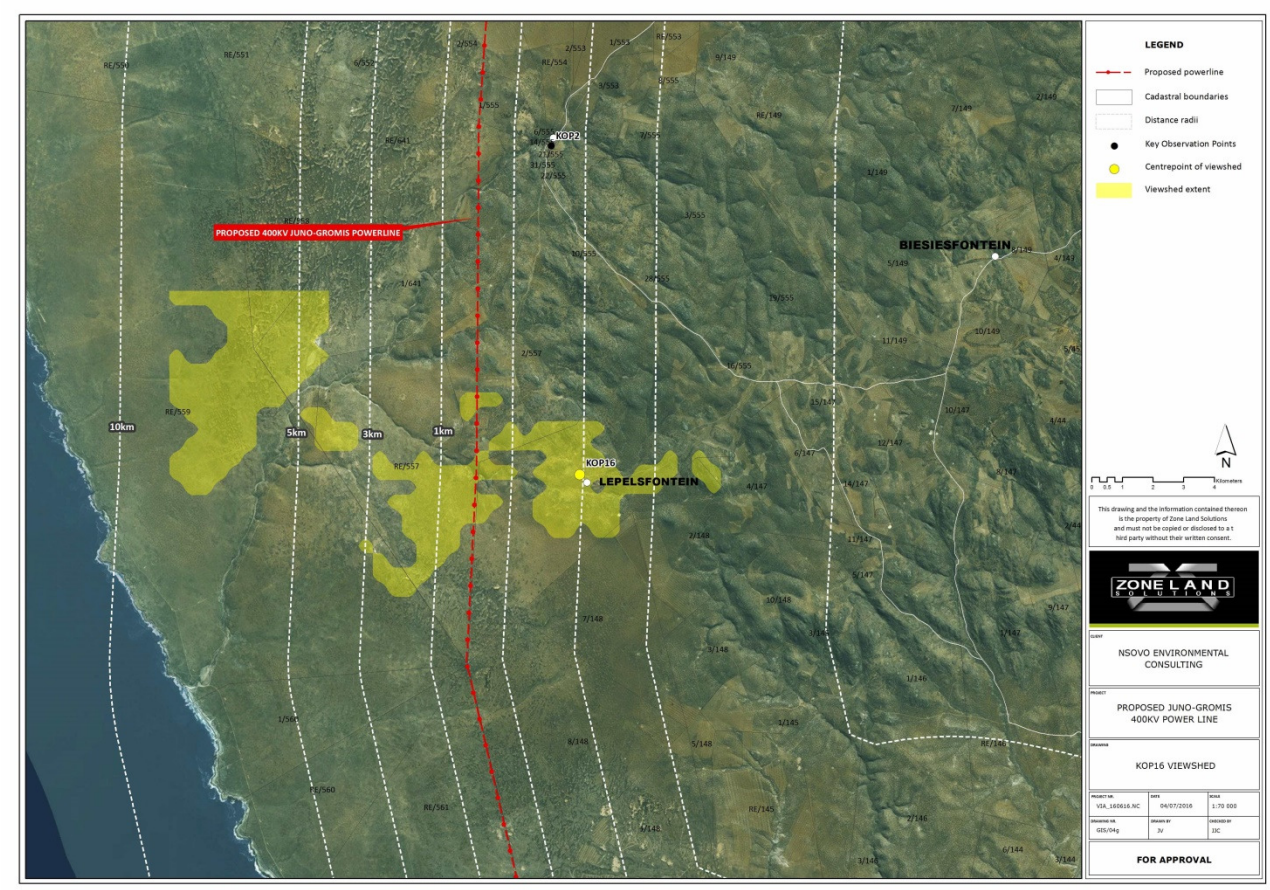

Figure 6: KOP16 Viewshed. Areas shaded yellow is theoretically visible from KOP16.

NUMBER:	KOP16	CO-ORDINATES:	S	E
ALTITUDE:	162m		31° 2'40.75"S	17°50'39.41"E
DESCRIPTION:	KOP16 is situated in the rural settlement of Lepelsfontein.			
TYPE:	Residential	**PHOTO:**	Photograph 6	
PROP. LOCATION:	Middle ground	**PROXIMITY:**	3km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Moderate	**VAC:**	Low	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

Photograph 6: View from KOP16 towards the proposed powerline in the west (Source: Zone Land Solutions).

7 KEY OBSERVATION POINT 20

KO20 is located on the R355 en route to Kleinsee. The observation point is located due east of the proposed powerline but due to the distance from the new infrastructure and the landscape en route to the site, the visual impact is expected to be negligible.

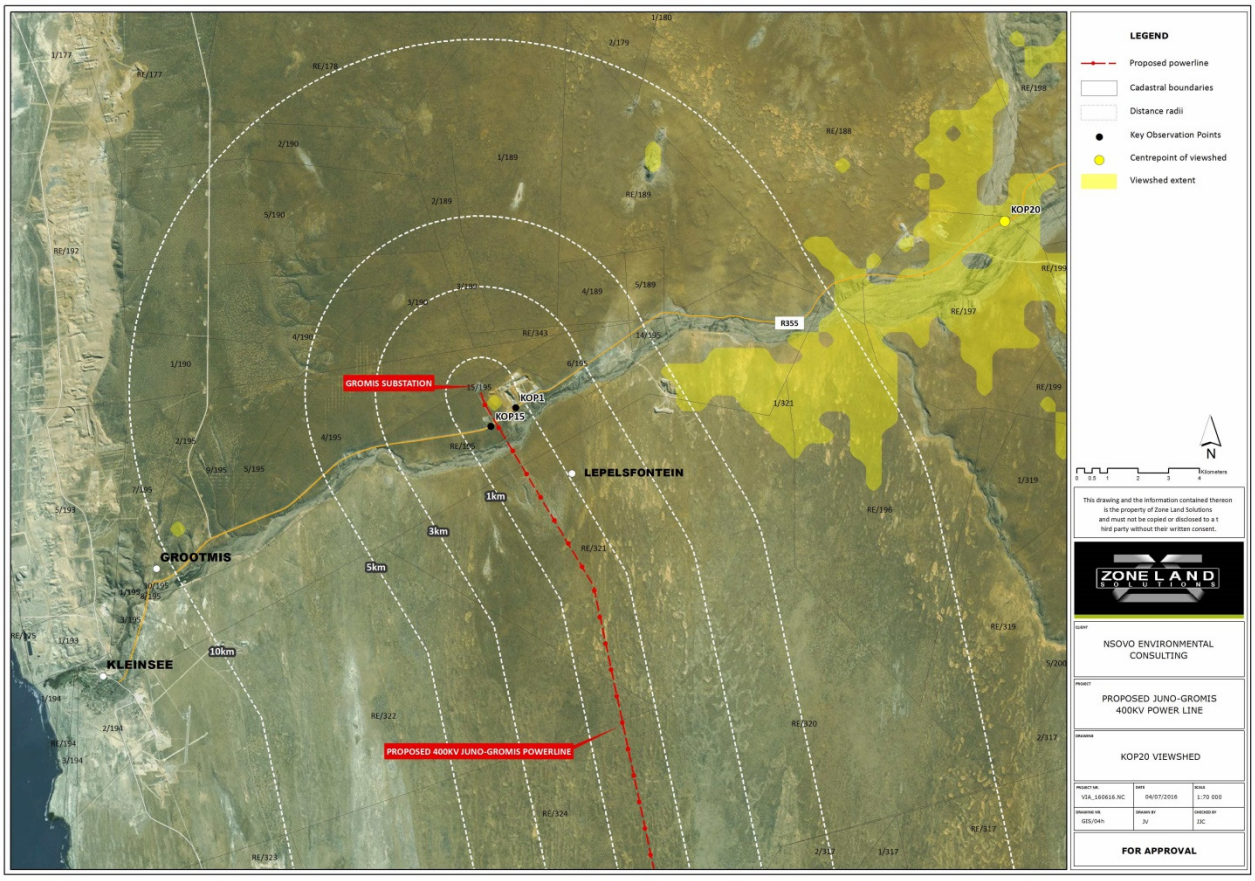

Figure 7: KOP20 Viewshed. Areas shaded yellow is theoretically visible from KOP20.

NUMBER:	KOP20	CO-ORDINATES:	S	E
ALTITUDE:	107m		29°33'17.40"S	17°20'14.53"E
DESCRIPTION:	KOP20 is situated along the R355 due east of the proposed powerline.			
TYPE:	Transportation	**PHOTO:**	N.A.	
PROP. LOCATION:	Background	**PROXIMITY:**	15km	
VISUAL SENSITIVITY:	Low			
VISUAL EXPOSURE:	Low	**VAC:**	High	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	

8 KEY OBSERVATION POINT 21

KOP21 is located in Hondeklipbaai, some 2.8km to the west of the proposed powerline. The observation point is located at the entrance to the coastal settlement directly west of the project site. The observation point and the proposed powerline are almost located at similar altitudes yet the GIS-generated viewshed indicates that only defined portions of the new installation would be visible from this point. As a result, a moderate visual impact could be expected from this point.

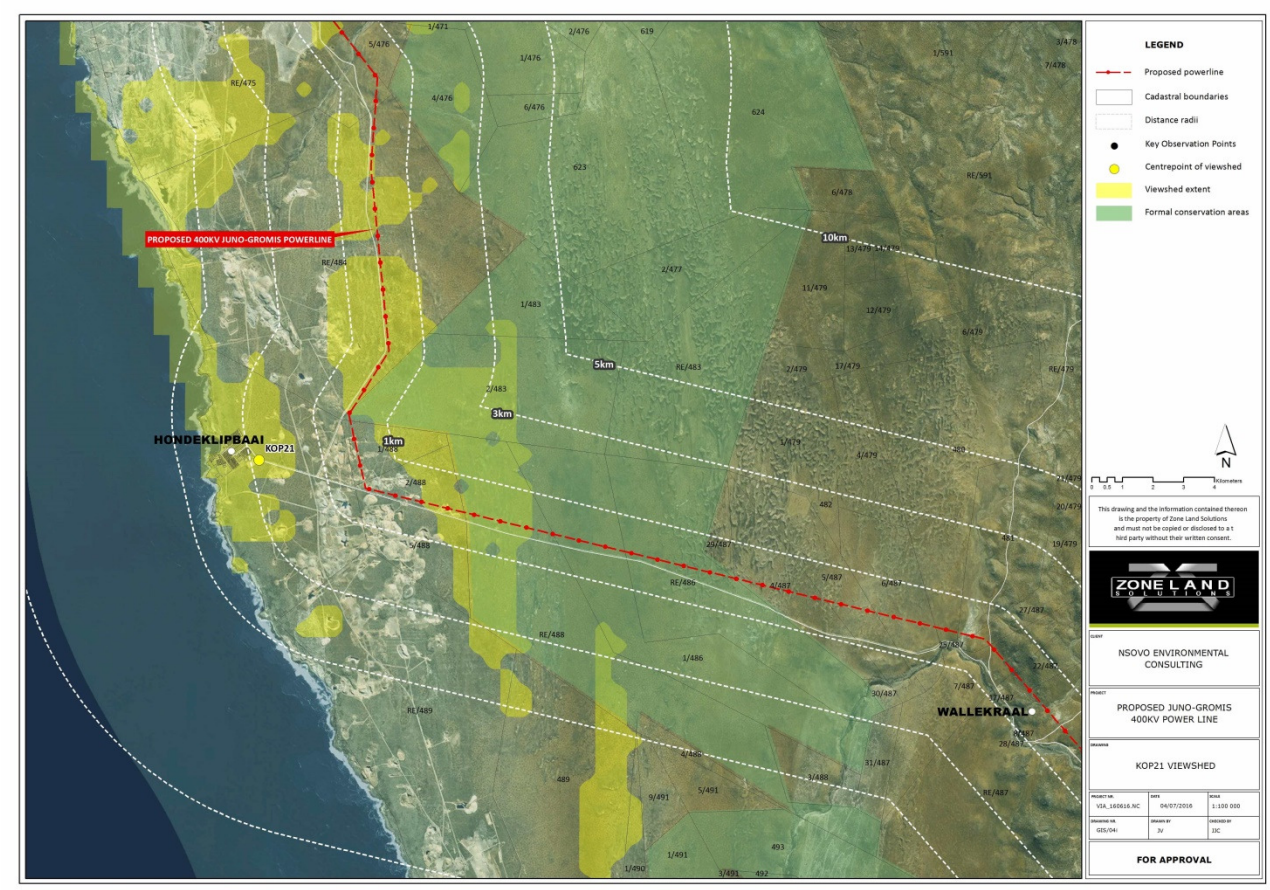

Figure 8: KOP21 Viewshed. Areas shaded yellow is theoretically visible from KOP21.

NUMBER:	KOP21	CO-ORDINATES:	S	E
ALTITUDE:	23m		30°19'05.93"S	17°17'07.76"E
DESCRIPTION:	KOP21 is situated in Hondeklipbaai.			
TYPE:	Residential	**PHOTO:**	N.A.	
PROP. LOCATION:	Middle ground	**PROXIMITY:**	2.8km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Moderate	**VAC:**	Moderate	
VISUAL INTRUSION:	Moderate	**DURATION:**	N/A	

9 KEY OBSERVATION POINT 22

KOP22 is situated at the Groenriviersmond, the latest portion of land to be added to the Namakwa National Park. The observation point is located some 16km from the proposed powerline. Due to the distance from the observation point and the high visual absorption capacity of the landscape en route to the new installation, the expected visual impact from this point is therefore expected to be negligible.

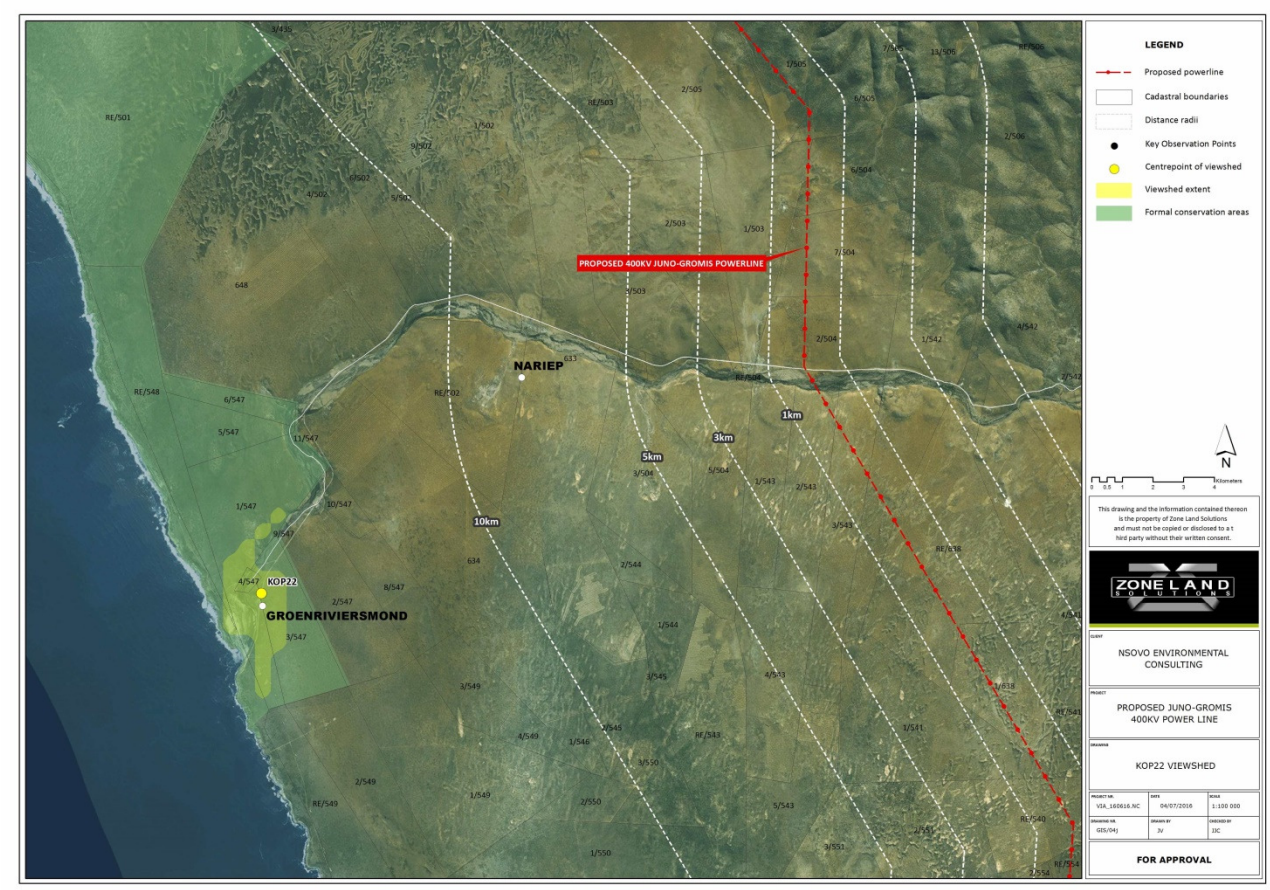

Figure 9: KOP22 Viewshed. Areas shaded yellow is theoretically visible from KOP22.

NUMBER:	KOP22	CO-ORDINATES:	S	E
ALTITUDE:	22m		30°49'56.25"S	17°34'54.13"E
DESCRIPTION:	KOP22 is situated at the Groenriviersmond.			
TYPE:	Conservation	**PHOTO:**	N.A.	
PROP. LOCATION:	Background	**PROXIMITY:**	16km	
VISUAL SENSITIVITY:	High			
VISUAL EXPOSURE:	Moderate	**VAC:**	High	
VISUAL INTRUSION:	Low	**DURATION:**	N/A	