

#### Remains in a narrow poort

These remains are located next to a dirt road. They are limited to two or three homesteads of which the outer walls are still well preserved. At least one of the homesteads is associated with a grave.

#### **7.3.1.5.1.3 Graveyards and graves**

At least five graveyards which are not located towards the central parts of villages were recorded, namely:

- Graveyard 01 is located to the west of the Fonthane mountain range. It is a large graveyard with a considerable number of graves which are fitted with granite headstones. However, most of the graves are covered with piles of stone.
- Graveyard 02 is located on a plateau in the Fonthane mountain range and incorporates a high number of graves, many of which are fitted with granite headstones.
- Graveyard 03 is also located on a plateau on the Fonthane mountain range and holds approximately thirty graves.
- Graveyard 04 is located between the villages of Ga-Mosoge and Ga-Mabuela. It is a large graveyard with approximately one hundred graves.
- Graveyard 05 is located on the south-eastern edge of Skimming village and holds approximately fifty graves.
- Graveyard 06 is located to the south of the Matlotlo Mountains and is associated with at least three clusters of graves. This graveyard is associated with the Ga-Puka village of which the residents were relocated to the farm Armoede.
- Two single graves and two graves located in close proximity of each other are located on the southern banks of the Sandsloot River.

Numerous informal graves occur within the confines of homesteads in villages such as Molotswi, Ga-Masenya and Mapela. The presence of these graves serves as a testimony of a tradition from the past when family members, particularly women and children, were buried in or near houses, sometimes under the floor of dwellings (women) or in clay pots close to the walls of dwellings or in middens located near the homestead. Men were mostly buried in cattle enclosures but also within the confines of homesteads during more recent times.

Graves also occur in association with remains which date from the Late Iron Age/Historical Period. These remains mainly occur along the Fonthane mountain range as well as on plateaux along this mountain range.

Inconspicuous graves associated with homesteads on level areas away from the Fonthane mountain range do occur. Many of these graves have been exhumed and relocated by Potgietersrust Platinum Mine (PPRust Mine) whilst many unmarked graves have been

ploughed under during the past decades. These graves therefore may be unexpectedly exposed during development activities.

Farm/owner/village	Heritage Resource	Code	Coordinates
<b>From the farm Zwartwater 507LQ to the Tamboti River</b>			
Grootfontein 501	Cluster with five rock art sites	RA	23° 39' 27° 44'
Werkendam 474LQ	Formal graveyard (±14 graves)	GY	23° 39.242' 27° 45.960'
Annexatie 544 K Nel	Informal graveyard	GY	23° 43.733' 27° 51.918'
Annexatie 544 K Nel	Informal graveyard	GY	23° 44.067' 27° 52.233' 23° 44.061' 27° 52.238'
Annexatie 544 F Eloff	Two graves	GY	No access
Annexatie 544	Grave	GY	Not visited
<b>A mountainous stretch to a sharp bend in the east</b>			
Victoria 552 MC Pretorius		GY	-
Duna 554 K Mullard		GY	No response
Caledon 554 R Kruger	Duvenhage graveyard (3 graves)	GY	23° 42.702' 28° 11.313'
Caledon 554 R Kruger	Informal graves (3/4 graves)	GY	23° 44.015' 28° 10.745'
Caledon 554 R Kruger	Graveyard (4 graves)	GY	23° 44.953' 28° 09.698'
Caledon 554 R Kruger	Historical House	HH	23° 42.685' 28° 11.287'
Caledon 554 R Kruger	Historical House	HH	23° 42.661' 28° 11.266'
Hannover 555LR/Victoria 552 JAJ van Rensburg	Graveyard of the van Rensburg family (3 graves)	GY	23° 43.289' 28° 04.727'
Hannover 555LR/Victoria 552 JAJ van Rensburg	Historical House	HH	23° 42.661' 28° 11.266'
Groot Denteren 544LR	Rock art site	RA	23° 46.2' 28° 15.9'
Alem 544LR	Rock Art site	RA	23° 47.1' 28° 16.3'
New Belgium 608	Shelter with extensive rock art panels	RA	<u>23° 56.53' 28° 07.55'</u>
New Belgium 608	Rock art sites	RA	<u>23° 55.55' 28° 12.50'</u>

<b>Farm/owner/village</b>	<b>Heritage Resource</b>	<b>Code</b>	<b>Coordinates</b>
New Belgium 608	Rock art sites	RA	23° 50.42' 28° 16.05'
Haasjesveld 576LR	Rock art sites	RA	23° 47.15' 28° 20.32'
Baviaansdraai 587	Iron Age remains	IA	23° 56.08' 28° 26.35'
Baviaansdraai 587	Iron Age remains	IA	23° 58.40' 28° 24.30'
Baviaansdraai 587	Iron Age remains	IA	23° 57.0' 28° 26.0'
Baviaansdraai 587	Iron Age remains	IA	23° 57.30' 28° 24.30'
Slangfontein 655LR	Iron Age remains	IA	23° 58.40' 28° 24.30'
<b><u>From the sharp bend along a curve to a second sharp bend</u></b>			
Daggakraal 591 S Botha	Botha grave	GY	23° 52.339' 28° 25.447'
Daggakraal 591 Kunneke	Groesbeek, Kunneke, Loubser Furstenburg graveyard	GY	23° 52.354' 28° 25.854'
Daggakraal 591 J Kloppers	Several families	GY	23° 53.036' 28° 25.393'
Daggakraal 591 J Kloppers	Historical House	HH	23° 53.029' 28° 25.350'
Rhenosterfontein 538 L Bester	Graveyard (3 graves)	GY	No response
<b><u>From the second sharp bend to Appingendam 805LR</u></b>			
Eldorado/Klipfontein	Large informal graveyard	GY	23° 59.122' 28° 35.118'
Beacon in Kloof Pass	Beacon in Kloof	B	23° 57.973' 28° 31.533'
Baviaansdraai 567LR	Historical House	HH	23° 55.308' 28° 26.663'
<b><u>From Appingendam 805LR to Option 1 for the Mokopane Substation</u></b>			
Zwartfontein 818LR	Stone tools	SA	Scattered along the Mohlosane, Klein Sandsloot
Armoede 823LR	Stone tools	SA	
LIA/HS01, west of Fonthane mountain range	Late Iron Age/Historical Site	HS	23° 59.078' 28° 50.719'
<b><u>Remains on a plateau on the Fonthane mountain range 01</u></b>			
Moordkop 813 Zwartfontein 814	Circular outer boundary wall, possible kraal	IA	23° 59.303' 28° 50.897'
Moordkop 813 Zwartfontein 814	Upright line of stones	IA	23° 59.298' 28° 50.894'
Moordkop 813	Stone heap	IA	23° 59.134' 28°

<b>Farm/owner/village</b>	<b>Heritage Resource</b>	<b>Code</b>	<b>Coordinates</b>
Zwartfontein 814			50.950'
Moordkop 813 Zwartfontein 814	Stone heap	IA	23° 59.282' 28° 50.891'
Moordkop 813 Zwartfontein 814	Upright line of stones	IA	23° 59.272' 28° 50.892'
Moordkop 813 Zwartfontein 814	Upright stones	IA	23° 59.257' 28° 50.899'
<b><u>Remains on a plateau on the Fonthane mountain range 02</u></b>			
Moordkop 813 Zwartfontein 814	Prominent homestead wall	IA	23° 59.158' 28° 50.942'
Moordkop 813 Zwartfontein 814	Prominent homestead wall	IA	23° 59.146' 28° 50.938'
Moordkop 813 Zwartfontein 814	Prominent homestead wall	IA	23° 59.134' 28° 50.950'
Heavy square stone structure on mountain slope	Heavy square stone structure on mountain slope	IA	23° 59.103' 28° 50.948
Moordkop 813 Zwartfontein 814	Prominent homestead wall	IA	23° 59.108' 28° 50.953'
<b><u>Remains on a plateau on the Fonthane mountain range 03</u></b>			
Moordkop 813 Zwartfontein 814	Rectangular homestead wall	HS	23° 59.471' 28° 51.289'
Moordkop 813 Zwartfontein 814	Rectangular homestead wall	HS	23° 59.489' 28° 50.256'
Moordkop 813 Zwartfontein 814	Rectangular homestead wall	HS	23° 59.499' 28° 50.239'
Moordkop 813 Zwartfontein 814	Rectangular homestead wall	HS	23° 59.476' 28° 50.233'
Moordkop 813 Zwartfontein 814	Rectangular homestead wall	HS	23° 59.458' 28° 51.200'
Moordkop 813 Zwartfontein 814	Rectangular homestead wall with two graves (23° 59.432' 28° 51.227')	HS	23° 59.438' 28° 51.220'
<b><u>In a narrow poort</u></b>			
Moordkop 813 Zwartfontein 814	Rectangular homestead wall with grave (23° 59.028' 28° 51.066'	HS	23° 59.023' 28° 51.058'

Farm/owner/village	Heritage Resource	Code	Coordinates
<b><u>Graveyards</u></b>			
Moordkop 813 Zwartfontein 814	GY01 West of Fonthane mountain range.	GY	23° 59.108' 28° 50.657'
Moordkop 813 Zwartfontein 814	GY02 On mountains near Mamaala village.	GY	23° 59.225' 28° 50.884'
Moordkop 813 Zwartfontein 814	GY04 In mountains near Mamaala village	GY	23° 59.150' 28° 50.910'
Moordkop 813 Zwartfontein 814	GY05 On northern border of project area	GY	23° 57.062' 28° 49.422'
Moordkop 813 Zwartfontein 814	GY06 Located in Skimming village	GY	23° 59.183' 28° 53.498'
<b><u>Graveyards in homesteads</u></b>			
Moordkop 813 Zwartfontein 814	Two graves in a homestead in Mamaala village	GY	24° 01.040' 28° 51.663'
Moordkop 813 Zwartfontein 814	Two graves in a homestead	GY	23° 56.690' 28° 50.859'
Moordkop 813 Zwartfontein 814	Number of graves in a homestead	GY	23° 59.260' 28° 51.130'
Zwartfontein 814	Graveyard in Ga Puka	GY	23° 57.571' 28° 55.210'
Zwartfontein 814	Four graves on banks of Sandsloot	GY	23° 58.19' 28° 55.88'

**Table 2- Heritage resources in and near Corridor 01 for the proposed Mokopane Integration Project (above).**

### 7.3.2 Corridor 02

Corridor 02 runs from the Medupi Power Station in the west along the following main stretches, farms and villages to Option 01 for the Mokopane Substation in the east, namely:

#### 7.3.2.1 From Zwartwater 507LQ to Killarney 216LR

This stretch runs through a few jinks to the north-east across the farms Zwartwater 507LQ, Altoostyd 506LQ, Eendracht 505LQ, Peerboom 504LQ, Welgelegen 469LQ, Vogelstuisfontein 472LQ, across Road 501 and the Makolo River, Gorkum 473LQ, Uiterste 457LQ, Uitkyk 476LQ, Garabaldi 480LQ, Weltevreden 482LQ, Alomfraai 384LQ, Tamahas 485LQ, Wellust 426LR, Goa 427LR to Killarney 217LR where the transmission line corridor bends eastwards.

### 7.3.2.1.1 Known heritage resources

Heritage resources known to exist between Zwartwater and Killarney are the following:

#### 7.3.2.1.1.1 Historical structures

At least five historical houses were recorded. It is highly likely that all these houses date from the 1930's to the 1940's, namely:

- A historical house on Melckboschkraal 431LQ. The outbuildings associated with this house may date from the more recent past.
- A historical house on Wellington 432LQ which have been renovated.
- A historical house on Gorkum 473LQ which is used as a guest house.
- A historical house on Rondedebosch 429LQ which have been renovated.
- A historical house on Middelboompunt 425LQ.



**Figure 26- A historical house on Melkboskraal 431LQ. Most of the historical houses in the Eskom Project Area were constructed during the 1930/1940's (above).**

#### 7.3.2.1.1.2 Graveyards

At least one graveyard was recorded, namely;

- A graveyard on Wellington 432LQ which holds the remains of Wilhelmina Christiana van Staden and a second fresh grave of a member of the van Staden family.

### **7.3.2.2 From Killarney 216LR eastwards in a straight line to Pieterman 445LR**

This stretch runs eastwards in a straight line across Killarney 216LR, Villa Nora 428LR, crossing the Lephalale River, St Helena 212LR, Arnheim 432LR, Otherworld 213LR (Banglagong), Good Nature 434LR, Grootwater 434LR, Rooibokpan 216LR, Early Moon 215LR, Tiel 218LR, Fairfield 219LR and Pieterman 445LR.

#### **7.3.2.2.1 Known heritage resources**

According to the Iliso questionnaire the following heritage resources occur along this stretch of Corridor 02, namely:

##### **7.3.2.2.1.1 Historical remains**

Historical structures, probably dwellings, are located on:

- The farm Tiel 218LR.
- The farm Early Morn 215LR.
- The farm Pieterman 445LR.

None of these structures were observed first hand.

##### **7.3.2.2.1.2 Graveyards**

At least two graveyards were observed along this stretch, namely;

- A graveyard holding the remains of at least two or perhaps three individuals north of Ga-Monyeki (Shongoane east) village. The graveyard is located near the eastern shoulder of the road running along the western perimeter of this village. One of the graves in this small demarcated area is covered with a prominent upright stone which serves as a tombstone.
- A graveyard is located on the southern outskirts of the village of Bangalong.

According to the Iliso questionnaire graveyards are located on:

- The farm Tiel 218LR.
- The farm Early Morn 215LR.
- The farm Pieterman 445LR.

None of these graveyards were observed first hand.

### **7.3.2.3 From Pieterman 445LR to Ga-Mathekga village**

From Pieterman 445LR the transmission line bends twice south-eastwards before running across Witpan 447LR, Schoonhoven 448LR, Vogelpan 658LR, Tevredenheid 668LR (Ga-Musi

and Mongatane villages), Rietfontein 665LR (Nong village), Magalakwin 666LR and Ruigtevley 710LR where the village of Ga-Mathekga is located.

#### **7.3.2.3.1 Known heritage resources**

##### **7.3.2.3.1.1 Rock art sites**

Several known localities for rock art exist on the farm Haakdongdraai 711LR in the Masebe Nature Reserve. At least five of these sites were geo-referenced. Some of the most significant rock art in the Waterberg occurs on Haakdongdraai 711LR in the Masebe Nature Reserve.

##### **7.3.2.3.1.2 Iron Age sites**

Iron Age sites and remains do occur in the Masebe Nature Reserve. This includes the site of Magagamatala and others for which no coordinates presently exists.

##### **7.3.2.3.1.3 Graveyards**

Several graveyards which are associated with villages along this stretch of Corridor 02 were recorded, namely:

- The graveyard associated with the village of Mongatane is located on the southern perimeter of this village.
- The graveyard of the village of Ga Rapadi is located on the southern shoulder of the Marken road.
- The graveyard of the village of Monare is located in the centre of this village.

##### **7.3.2.3.1.4 Other heritage phenomena**

An open-air church is located on the northern border of the village of Mathekga

#### **7.3.2.4 From Ga-Mathekga village to the N11**

From the village of Ga-Mathekga the transmission line runs across Grasvley 708LR between the villages of Dukakgomo and Ga Lebelo and between the villages of Mosira (north) and Mphelelo (south) on Sterkloop 720LR where it bends to the south-east, across Madamefontein 721LR and Emaus 725LR. Here, the transmission line corridor bends south-eastwards and then crosses the farms Hebron 727LR, Gibeon 780LR, Swerwerskraal 736LR and the N11.

#### **7.3.2.4.1 Known heritage resources**

The following graveyards were recorded along this stretch of Corridor 02, namely;

- Two graveyards are respectively associated with the villages of Dukakgomo and Ga Lebelo. Both graveyards are on or near the proposed route for Corridor 02.

#### **7.3.2.5 From the N11 to Option 1 for the Mokopane Substation**

Corridor 02 runs south-eastwards from the N11 across Swerwerskraal 736LR, Matalas 591LS (Phofu), Luxemburg 772LR (Phetole), Jupiter 717LR (Jupiter), Mars 718, Zuid – Braband 719LS to Doornfontein 721LS where Option 1 for the Mokopane Substation exists.

#### **7.3.2.5.1 Known heritage resources**

##### **7.3.2.5.1.1 Historical remains**

Two historical houses are located on Zuid Holland 773LS (see Part 6.2.2.1.1).

##### **7.3.2.5.1.2 Graveyards**

The following graveyards were recorded along this stretch of Corridor 02, namely:

- The graves of two individuals on Vogelstruisfontein 472LQ.
- A large graveyard on the outskirts of the village of Dibeng.
- At least eleven clusters of graves (small graveyards) along the foot of the Lokwe Mountain near the village of Phetole.
- A large graveyard on the outskirts of the village of Phofa.
- A graveyard on Matalas 591LS on the northern shoulder of the road running to the village of Jupiter.
- A graveyard near historical houses on Zuid Holland 773LS (see Part 6.2.2.1.1).
- Graves within the confines of homesteads as well as on the shoulders of roads in the village of Jupiter.



Figures 27 & 28- One of eleven clusters of graves along the foot of Lokwe Mountain, Phetole village. A graveyard on the outskirts of Phofa village (above and below).





Farm/owner/village	Heritage Resource	Code	Coordinates
<b>From Zwartwater 507LQ to Killarney 216LR</b>			
Vogelstruisfontein 472LQ	Graveyard (two graves)	GY	23° 36' 53.1" 27° 44' 06.4"
Gorkum 473LQ	Historical House	HH	23° 36' 913" 27° 45' 692"
Rondeboch 429LQ	Historical House	HH	23° 33' 139" 27° 50' 743"
Melkboshkraal 431LQ	Historical House	HH	23° 33" 298' 27° 49" 564'
Wellington 432LQ	Historical House	HH	23° 33" 307' 27° 49" 528'
Wellington 432LQ	Graveyard	GY	23° 33" 632' 27° 49" 377'
Middelboompunt 425LQ	Historical House	HH	23° 32" 526' 27° 56" 892'
<b>From Killarney 216LR eastwards to Pieterman 445LR</b>			
Ga-Monyeki (Shongoane East)	Village graveyard	GY	23° 31" 059' 28° 07" 927'
Bangalong	Village graveyard	GY	23° 29" 619' 28° 11" 016'
Tiel 218LR	Graveyard	GY	No access
Pieterman 445LR	Graveyard	GY	No access

<b>Farm/owner/village</b>	<b>Heritage Resource</b>	<b>Code</b>	<b>Coordinates</b>
Early Moon 215LR	Graveyard	GY	No access
<b>Haakdoringdraai 711LR</b>	<b>Rock Art</b>	<b>RA</b>	<b>23° 38" 15' 28° 34" 15'</b>
<b>Haakdoringdraai 711LR</b>	<b>Rock Art</b>	<b>RA</b>	<b>23° 38" 18' 28° 34" 14'</b>
<b>Haakdoringdraai 711LR</b>	<b>Rock Art</b>	<b>RA</b>	<b>23° 37" 42' 28° 34" 02'</b>
<b>Haakdoringdraai 711LR</b>	<b>Rock Art</b>	<b>RA</b>	<b>23° 37" 42' 28° 33" 56'</b>
<b>Haakdoringdraai 711LR</b>	<b>Rock Art</b>	<b>RA</b>	<b>23° 38" 10' 28° 34" 02'</b>
<b>From Pieterman 445LR to Ga-Mathekga village</b>			
Mongatane	Village graveyard	GY	23° 33" 849' 28° 30" 462'
Ga Rapadi	Village graveyard	GY	23° 35" 345' 28° 31" 783'
Monare	Village graveyard	GY	23° 35" 023' 28° 32" 932'
Mathekga village	Open-air church	OAC	23° 37" 325' 28° 36" 639'
<b>From Ga-Mathekga village to the N11</b>			
Dukakgomo	Village graveyard	GY	23° 38" 229' 28° 42" 042'
Ga Lebelo	Village graveyard	GY	23° 38" 442' 28° 41" 059'
<b>From the N11 to Option 1 for the Mokopane Substation</b>			
Dibeng	Village graveyard	GY	23° 46" 359' 28° 56" 443'
Phofa	Village graveyard	GY	23° 48" 417' 28° 56" 268'
Graves at the foot of Lokwe mountain near Phetole	Three graves marked by upright stones	GY	23° 49" 435' 28° 59" 670'
Graves at the foot of Lokwe mountain	Two graves marked by upright stones	GY	23° 49" 436' 28° 59" 663'
Graves at the foot of Lokwe mountain	Two graves with granite headstones	GY	23° 49" 421' 28° 59" 543'
Graves at the foot of Lokwe mountain	Four graves marked by upright stones	GY	23° 49" 346' 28° 59" 411'
Graves at the foot of Lokwe mountain	Four graves	GY	23° 49" 352' 28° 59" 412'

<b>Farm/owner/village</b>	<b>Heritage Resource</b>	<b>Code</b>	<b>Coordinates</b>
Graves at the foot of Lokwe mountain	Six graves marked by upright stones	GY	23° 49' 356' 28° 59' 391'
Graves at the foot of Lokwe mountain	Seven graves marked by upright stones	GY	23° 49' 368' 28° 59' 382'
Grave at the foot of Lokwe mountain	Kgabo Moabele's grave	GY	23° 49' 352' 28° 59' 359'
Graves at the foot of Lokwe mountain	Possible grave(s) in a sisal bush	GY	23° 49' 340' 28° 59' 355'
Graves at the foot of Lokwe mountain	Mahapo's grave	GY	23° 49' 394' 28° 59' 409'
Two graves covered with cement slabs		GY	23° 49' 401' 28° 59' 421'
Matalas	Graveyard along road to Jupiter	GY	23° 50' 437' 29° 00' 243'
Jupiter	Village graveyard	GY	23° 52' 277' 29° 01' 118'
Zuid Holland 773LR	Historical house	HH	Indicated on 1:50 000 map
Zuid Holland 773LR	Historical house	HH	Indicated on 1:50 000 map
Zuid Holland 773LR	Graveyard	GY	23° 52' 060' 28° 57' 716'

**Table 3- Heritage resources in and near Corridor 02 for the proposed Mokopane Integration Project (above).**

### **7.3.3 Corridors 04 to 06**

Corridors 04 to 06 represent three 400kV transmission line corridors which run between Option 01 for the proposed new Mokopane Substation to the Witkoppen Substation.

#### **7.3.3.1 Corridor 04**

Corridor 04 runs from Option 01 for the Mokopane Substation on Doornfontein 721LS south-eastwards across Doornfontein 724LS, Helderfontein 6KS, through the Percy Five Nature Reserve (Lunsklip 7KS and Rotterdam 12KS), crossing the railway line, the N1 and Road 101 to Turffontein 14KS where the transmission line corridor turns north-eastwards crossing Hollandsdrift 15KS before entering the Witkoppen Substation on Wildebeesfontein 20KS.

### 7.3.3.1.1 Possible types and ranges of heritage resources

Scatters of stone tools probably occur in the extensive network of erosion dongas which occur to the south-west of the village of Mašašane.



**Figure 30- Corridor 04 runs south-eastwards away from the Mašašane mountain range and crosses a railway line, the N1 and Road 101 before bending north-eastwards in order to run into the Witkop Substation (above).**

### 7.3.3.2 Corridor 05

Corridor 05 runs from Option 01 for the Mokopane Substation on Doornfontein 721LS south-eastwards across Doornfontein 724LS where it bends north-eastwards in order to cross an area to the south of Masasane, bending south-eastwards on Holspruit 732LS and crossing Rietfontein 731LS, Bultfontein 730LS, Hollandsdrift 15KS, crossing the railway line and Sand River, the N1 and Road 101 before entering a southern poort in the Witkoppen Mountains. After exiting the Witkoppen Mountains it joins Corridor 06 on Hollandsdrift 15KS before bending south-eastwards and then eastwards before entering the Witkoppen Substation on Wildebeesfontein 20KS.

### 7.3.3.2.1 Known heritage resources

Heritage resources between Option 01 for the Mokopane Substation and the Witkoppen Substation are the following:

#### 7.3.3.2.1.1 Remains from the Late Iron Age and/or Historical Period

The following remains dating from the Late Iron Age/Historical Period occurs along this stretch, namely:

- The remains of a site dating from the Late Iron Age or Historical Period are located between the dirt road running to Eerstegoud and the Sand River. The site is composed of a few rudimentary stone heaps and low inconspicuous walls. It is not associated with any archaeological material.
- A Late Iron Age site is situated between the Sand River and the Witkoppen Mountains. This site is composed of several circular enclosures as well as other stone walls. Several large boulders with polished surfaces occur near the site.

#### 7.3.3.2.1.2 Graveyards and graves

An informal graveyard holding the remains of three individuals is located under Eskom's existing 400kV transmission line corridor at the point where these lines join the Witkoppen Substation.

Farm/owner/village	Heritage Resource	Code	Coordinates
Between the Eerstegoud road and the Sand River	Late Iron Age/Historical Period	IA/HS	24° 01" 24' 29° 16" 53
Between the Sand River and Thaba Tšheu	Late Iron Age site	IA	24° 01" 31' 29° 18" 38'

**Table 4- Heritage resources in and near Corridor 05 for the proposed Mokopane Integration Project (above).**

### 7.3.3.3 Corridor 06

Corridor 06 runs from Option 01 for the Mokopane Substation on Doornfontein 721LS south-eastwards across Doornfontein 724LS where it bends north-eastwards in order to cross an area to the south of Masasane, bending south-eastwards on Holspruit 732LS and crossing Rietfontein 731LS where it bends to the north-east and then south-eastwards in order to follow Eskom's existing 400kV transmission lines across Schanhauzen 732LS and Snymansdrift 798LS, crossing the railway line, N1 and Road 101, before entering a northern poort in the Witkoppen Mountains after which it bends south-eastwards to join

Corridor 05 on Hollandsdrift 15KS. From here the transmission corridor runs south-east and eastwards to the Witkoppen Substation on Wildebeesfontein 20KS.

#### **7.3.3.3.1 Known heritage resources**

Heritage resources between Option 01 for the Mokopane Substation and the Witkoppen Substation are the following:

##### **7.3.3.3.1.1 Remains from the Late Iron Age**

At least three stone walled villages dating from the Late Iron Age occur in the northern poort in the Witkoppen Mountains, namely:

- A site which is marked by two circular enclosures built with stone, measuring roughly 9m and 20m in diameter. The remaining part of the site is associated with low stone walls built against the lower slope of the mountain. Some of the stone walls served as retaining walls which served as terraces on which dwellings may have been erected. These remains are located close to the pylon numbered WIPI21. A few rudimentary walls and heaps built with small stones were observed in a thicket of aloes. These features are located slightly to the north of Site LIA01, higher up the slope of the mountain. These remains are probably part of Site LIA01 and the stone heaps may be graves. (These remains are located close to pylon WIPI22).
- A second Late Iron Age site, larger than the former and located close to pylon number WIPI2/23, is situated to the west of Site LIA01, against the lower slope of the mountain that forms the northern boundary of the poort. This site is characterised by elaborately built stone walls but no prominent archaeological deposits.
- A third Late Iron Age site even larger and more elaborate than the second site is located on level ground, close to the south-western foot of the mountain that is part of the northern border of the poort. Site LIA03 is actually situated outside, or near to the western entrance to the poort. This site is richer in archaeological material than the other two Late Iron Age sites. Potsherds and clay nodules are visible on the surface of the site. The clay nodules are the remains of dwellings built with clay.

##### **7.3.3.3.1.2 Remains from the recent past**

Remains from the recent past were recorded at the following localities in/near Corridor 06, namely:

- The remains of a village composed of at least five houses built with square floor plans. These dwellings were built with mud and stones, are rectangular and measure roughly 3m x 3m. A heap of stones next to one of these dwellings may be a grave. These remains have little cultural significance.

- The remains of a site composed of numerous houses and other structures which date from the recent past occur between the Sand River and the Eerstegoud dirt road. These remains must be close to sixty years old and therefore may qualify as historical remains.

<b>Farm/owner/village</b>	<b>Heritage Resource</b>	<b>Code</b>	<b>Coordinates</b>
<b>Late Iron Age sites</b>			
	Late Iron Age site	IA	24° 01" 31' 29° 18" 38'
	Late Iron Age site	IA	24° 01" 44' 29° 18" 22'
	Late Iron Age site	IA	24° 02" 01' 29° 18" 53'
<b>Sites from the recent past</b>			
	Site recent past	RP	24° 00" 23' 29° 17" 29'
	Site recent past	RP	24° 01" 48' E; 29° 18" 41'S
<b>Graveyards and graves</b>			
	Possible grave(s) in a sisal bush	G	23° 59" 29' 29° 16" 38'
Snymansdrift 738LS	Informal graves (3 graves)	GY	24° 02" 41' 29° 20" 33'

**Table 5- Heritage resources in and near Corridor 06 for the proposed Mokopane Integration Project (above).**



**Figure 30– The remains of stone walled villages dating from the Late Iron Age in a poort in the Witkoppen Mountains can be associated with the Langa Ndebele (above).**

#### **7.3.3.3.1.3 Graveyards and graves**

At least two graveyards were recorded in and near Corridor 06, namely:

- An informal graveyard holding the remains of three individuals is located under Eskom's existing 400kV transmission line corridor at a point close to where these lines join the Witkoppen Substation.
- It is highly likely that piles of stones associated with sisal bush near remains from the recent past may cover graves. It is known that individuals were buried in sisal hedges of homesteads.

#### **7.3.3.4 Corridor 07**

Corridor 07 is a 400kV transmission line corridor which runs between the Delta Substation in the west to the Medupi Power Station in the east. This stretch runs eastwards from the Delta Substation across the following farms: Zandnek 358LQ, Enkeldraai 319LQ, Geelhoutskloof 359 LQ, Vergulde Helm 316LQ, Eenzaamheid 512LQ, Kromdraai 513 LQ and Kuipersbult 510LQ.

### 7.3.3.4.1 Known heritage resources

The following known heritage resources occur along this corridor, namely.

#### 7.3.3.4.1.1 Historical remains

A severely dilapidated Historical House on Vergulde Helm 316LQ

#### 7.3.3.4.1.2 Graveyards

Two graveyards occur along Corridor 07, namely:

- A graveyard located on Zandnek 358LQ.
- A graveyard located on Vergulde Helm 613LQ.

Farm/owner/village	Heritage Resource	Code	Coordinates
<b>Historical House</b>			
Vergulde Helm 310LQ	Historical house	HH	23° 42.683' 27° .29.785'
<b>Graveyards and graves</b>			
Vergulde Helm 316	Informal graveyard	GY	23° 42.683' 27° .29.785'
Zandnek 358LQ		GY	23° 46.431' 27° .23.039'

**Table 6- Heritage resources in and near Corridor 07 for the proposed Mokopane Integration Project (above).**

### 7.3.3.5 Corridor 08

Corridor 08 currently comprises of Eskom's existing 2x400kV transmission line corridor which runs between the Matimba Power Station and the Witkop Substation. The transmission line corridor can be divided into the following main stretches, namely:

#### 7.3.3.5.1 From the Matimba Power Station to the Mokolo River

This stretch runs north-eastwards across the following farms, namely: Zwartwater 507LQ, Hanglip 508LQ, Grootenstryd 465LQ, Peerboom 504LQ, Welgelegen 469LQ, Vogelstruisfontein 472LQ, across Road 510 and the Mokolo River.

### **7.3.3.5.1.1 Known heritage resources**

#### **7.3.5.1.1.1.1 Rock art sites**

Five rock art sites clustered closely together occur on Grootfontein 501LQ to the west of Road 510.

### **7.3.3.5.2 From the Mokolo River to the Lephalale River**

This stretch runs in a relatively straight line to the east across farms such as Werkenedam 474LQ and Grietas Vlake 499LQ to Road 518. From here the transmission lines follow one of two alternatives, namely:

- Running a triangular shaped deviation which follows Road 518 eastwards and which then bend south-eastwards along the Ga Seleka/Vaalwater road to a point where the deviation joins the existing transmission lines.
- Following the existing Matimba B/Witkop transmission lines which run between the flat-topped mountains Ga-Mabula and Tafelkoppe. After crossing the Seleka/Vaalwater road the transmission lines join the deviation (described above) on the farm George IV 523.
- From George IV 523 the transmission lines run eastwards across farms such as Boschdraai 524, Montaque 817, Klavervley 530, Morgenzon 512 and Johannesburg 509 before crossing the Lephalale River.

#### **7.3.3.5.2.1 Known heritage resources**

The following known heritage resources occur along this corridor, namely.

##### **7.3.3.5.2.1.1 Rock art sites**

Rock art sites and shelters with possible MSA/LSA stone tools and rock paintings occur on Tafelkoppe on the farm Smithfield 536LQ. This mountain was visited by the Berlin missionary Schlömann in 1898 together with a group of Vaalperse who explained the rituals they conduct at the rock art site to the missionary.

Rock art sites are known to exist on Cradock 534LQ but their location are protection by a court injunction.

##### **7.3.3.5.2.1.2 Historical remains**

Two historical houses are located on Morgenzon 512 at the T-junction between the Overysel road and the road running to Villa Nora. Both these houses have been modernised and both date from the 1930's to the 1940's. Both are in pristine condition.