

7.3.1.4.1 Known heritage resources

The following heritage resources were recorded in the stretch between the second sharp bend and the farm Appingendam 805LR, namely:

7.3.1.4.1.1 Graveyards

A large informal cemetery occurs on the southern shoulder of Road 561, opposite the village of Mmamatlakala along the northern foot of a mountain with a similar name.

7.3.1.4.1.2 A commemorative beacon

A beacon is located on the northern shoulder of Road 561 which commemorates the opening of the Kloof Pass by S.E. Schoeman (M.E.C) on 1 July 1988.

7.3.1.5 From the farm Appingendam 805LR to Option 01 for the Mokopane Substation

This stretch runs north-eastwards across farms such as Groenvley 224KR, Mooihoek 226KR, Moordkoppie 813LR, Zwartfontein 818LR, Blinkwater 820LR, Armoede 823LR, Rietfontein 720LS and Doornfontein 721LS where Option 1 for the Mokopane Substation is located.

7.3.1.5.1 Known heritage resources

Heritage resources between Appingendam 805LR and Option 1 for the Mokopane Substation are numerous and include the following:

7.3.1.5.1.1 Stone tools

Stone tool occurrences that were recorded along this stretch include:

- MSA tools along the gravel banks of the Moholosane as well as the Sandsloot Rivers.
- Eroded areas to the east of the Matlotlo Mountains revealed MSA tools.
- An eroded patch to the east of the N11 contains MSA tools.



Figure 20- MSA tools manufactured from felsite, dating between 200 000 to 22 000 years ago. These artefacts are common in the last stretch of Corridor 01.

7.3.1.5.1.2 Remains from the Late Iron Age and/or Historical Period

Remains dating to the Late Iron Age and/or Historical Period occur along and on plateaux in the Fonthane mountain range. It is highly likely that some of these remains date from the late 19th century and that they have been occupied, uninterrupted, during the first decades of the 20th century as well. These remains are well preserved along the lower foot and on higher altitudes of the Fonthane mountains where villages were also established in the more recent past.

The remains mainly consist of the outer walls of homesteads which are linked together in small villages. The walls demarcate the remains of dwellings, sometimes with the graves of the occupants of these homesteads. Pottery, middens and 'modern' rubbish such as tin plate and glass are associated with these settlements.

These remains can be divided into four groups, mainly as a result of their geographical location in association with the Fonthane mountain range.

Remains west of the Fonthane mountain range

These remains comprise of a large settlement along the western foot of the mountain range. The site was partly destroyed when a dirt road was constructed through the site. This settlement is associated with low stone walls close to the base of the mountain. A conspicuous rectangular stone-walled structure as well as potsherds, tin plate and upright stones running in lines are associated with these remains.

Remains on a plateau on the Fonthane mountain range 01

Extensive remains associated with the Late Iron Age and/or Historical Period occurs on a plateau near Mamaala village. These remains are associated with a graveyard and with a commemorative beacon dedicated to the Mapela clan although it also probably also holds the remains of chief Mapela himself.

The remains are associated with upright lines of stone, piles of stone, a semi-circular low stone wall and the remains of at least one relatively well preserved homestead.



Figures 21 & 22- Potsherds from a settlement along the western foot of the Fonthane mountain range and homesteads from the historical period on a plateau on this mountain range (above).



Remains on a plateau on Fonthane mountain range 02

These remains are also located near Mamaala village and consist of extensive remains of the outer boundary walls of homesteads which were located on a plateau along the lower base line of one of the mountains in the Fonthane series.

Several of these walls are well preserved and some are of considerable length. At least one heavy rectangular stone structure is associated with these homesteads.



Figure 23- A commemorative beacon (on a grave) on a plateau on the Fonthane mountain range (above).

Remains on a plateau on the Fonthane mountain range 03

These remains comprise of rectangular outer boundary walls which demarcate various homesteads which were linked together. These remains are well preserved and at least two homesteads are associated with graves. It is possible that more graves may be associated with these households.



Figures 24 & 25- Remains of homesteads of Langa Ndebele clans in the Fonthane mountain range and a grave within the confines of a homestead. Some of these remains date from turbulent first half of the 19th century (below).



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
<u>From the farm Zwartwater 507LQ to the Tamboti River</u>			
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
<u>A mountainous stretch to a sharp bend in the east</u>			
Victoria 552 MC Pretorius		GY	Iliso – no respons
Duna 554 K Mullard	Graveyard	GY	Iliso – no respons
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'
Swebeswebe 870LR	San, Khoi Khoi and Bantu farmer paintings	RA	23° 48' 545" 28° 03' 898"
Swebeswebe 870LR	Van Staden and Niemand graves	GY	23° 45' 527" 28° 06' 073"
Swebeswebe 870LR	Historical dwellings	HH	23° 45' 882" 28° 05' 836" 23° 45' 907" 28° 05' 920"
Hannover 555LR	Historical house	HH	23° 43' 542" 28° 05' 536"
Hannover 555LR	Graveyard	GY	23° 43' 566" 28° 05' 594"
Hannover 555LR	Graveyard	GY	23° 43' 514" 28° 05' 521"
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>
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'
<u>From the sharp bend along a curve to a second sharp bend</u>			
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'

Farm/owner/village	Heritage Resource	Code	Coordinates
Daggakraal 591 K Botha	Iron Age site	IA	23.8677 28.44271
Daggakraal 591 K Botha	Graveyard of the Matjila family	GY	23.8586 28.4330
Rhenosterfontein 538 L Bester	Graveyard (3 graves)	GY	No response
<u>From the second sharp bend to Appingendam 805LR</u>			
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'
<u>From Appingendam 805LR to Option 1 for the Mokopane Substation</u>			
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'
<u>Remains on a plateau on the Fonthane mountain range 01</u>			
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 Zwartfontein 814	Stone heap	IA	23° 59.134' 28° 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'
<u>Remains on a plateau on the Fonthane mountain range 02</u>			
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'
<u>Remains on a plateau on the Fonthane mountain range 03</u>			
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'

Farm/owner/village	Heritage Resource	Code	Coordinates
Moordkop 813 Zwartfontein 814	Rectangular homestead wall with two graves	HS	23° 59.438' 28° 51.220' (23° 59.432' 28° 51.227')
<u>In a narrow poort</u>			
Moordkop 813 Zwartfontein 814	Rectangular homestead wall with grave	HS	23° 59.023' 28° 51.058' (23° 59.028' 28° 51.066')
<u>Graveyards</u>			
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'
<u>Graveyards in homesteads</u>			
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, Uityk 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 Dukagomo 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.



Figure 27- One of eleven clusters of graves along the foot of Lokwe Mountain, Phetole village (above).



Figures 28 & 29- A graveyard on the outskirts of Phofa village (above). Informal graves along shoulders of roads in villages such as Jupiter is not uncommon in the Eskom Project Area (below).



Farm/owner/village	Heritage Resource	Code	Coordinates
<u>From Zwartwater 507LQ to Killarney 216LR</u>			
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"
Melkboschkraal 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'
<u>From Killarney 216LR eastwards to Pieterman 445LR</u>			
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
Early Moon 215LR	Graveyard	GY	No access
Haakdoringdraai 711LR	Rock Art	RA	23° 38" 15' 28° 34" 15'
Haakdoringdraai 711LR	Rock Art	RA	23° 38" 18' 28° 34" 14'
Haakdoringdraai 711LR	Rock Art	RA	23° 37" 42' 28° 34" 02'
Haakdoringdraai 711LR	Rock Art	RA	23° 37" 42' 28° 33" 56'
Haakdoringdraai 711LR	Rock Art	RA	23° 38" 10' 28° 34" 02'
<u>From Pieterman 445LR to Ga-Mathekga village</u>			
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'

Farm/owner/village	Heritage Resource	Code	Coordinates
Mathekga village	Open-air church	OAC	23° 37" 325' 28° 36" 639'
<u>From Ga-Mathekga village to the N11</u>			
Dukakgomo	Village graveyard	GY	23° 38" 229' 28° 42" 042'
Ga Lebelo	Village graveyard	GY	23° 38" 442' 28° 41" 059'
<u>From the N11 to Option 1 for the Mokopane Substation</u>			
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'
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 Schanhouzen 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.

Farm/owner/village	Heritage Resource	Code	Coordinates
Late Iron Age sites			
	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'
Sites from the recent past			
	Site recent past	RP	24° 00" 23' 29° 17" 29'
	Site recent past	RP	24° 01" 48' E; 29° 18" 41'S
Graveyards and graves			
	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).