9-2-257-8005-20020502-ACHMC

Overysel Zwartfontein Potgletersrus Platinum

. O

POTGIETERSRUS PLATINUM MINE SRK CONSULTING ENGINEERS AND SCIENTISTS

PROGRAMME REPORT (EMPR) LTD'S PROJECT. AMENDMENT PROPOSED OVERYSEL CULTURAL (PPRust) HERITAGE ENVIRONMENTAL ZWARTFONTEIN (PPRust NORTH)
TO POTGIETERSRUST PLATINUMS IMPACT ASSESSMENT FOR THE MANAGEMENT

Dr Julius CC Pistorius
Archaeologist and
Cultural Heritage Management Consultant
352 Rosemary Street
LYNNWOOD 0081
Pretoria
Tel and fax (012) 348 5668
May 2002

9/2/257/5

Appendix H: Cultural heritage impact assessment

EXECUTIVE SUMMARY

and Blinkwater 820LR in the Potgietersrust (Mokopane) District of the Northern Province of mining infrastructure and a tailings dam on the farms Overysel 815LR, Age, the Iron Age and the historical (colonial) period. wide range of heritage resources ranging from the prehistoric period through to the Stone The Potgietersrust Platinum Mine intends to develop new open pits, waste rock dumps The Potgietersrus (Mokopane) area has a rich cultural heritage that includes Zwartfontein 818LR

the presence of all possible ranges of heritage resources and sensitive remains in the study and on foot, were utilized to assess the cultural heritage potential of the study area. spokespersons, a census on graves compiled by PPRust, as well as a survey with a vehicle area. Data derived from a survey of literature, an archaeological data base, interviews with The study area was subjected to a cultural heritage impact assessment in order to establish

determined (Tables 1 & 2). Only the graves and cemeteries have a high significance. contains a large number of graves and cemeteries dating from the relatively recent past. The survey also indicated that dwellings and homesteads dating from the historical period (older cemeteries were not repeated in this report. maintained by PPRust, the co-ordinates for the heritage resources and the ordinates for all heritage resources and graves have been incorporated in a GIS database heritage resources and graves have been tabulated and their levels of significance have been developmental activities. Some, however, still exist on Blinkwater. The study area also occur in the study area. than sixty years) and from the relatively recent past (not necessarily up to sixty years old) respectively from the Stone Age and from the Iron Age, near the proposed open The assessment revealed the presence of a scatter of stone tools and iron slag, dating Many of these remains have been destroyed by graves and As the copit. The

sites, dwellings and homesteads dating from the historical and recent past as well as graves and (The peripheral area [outside the study area] also contains heritage resources, such as Iron Age

mitigation of these resources and graves). resources and graves in the future. The proposed Overysel Zwartfontein (PPRust North) Project will impact on these heritage Recommendations therefore have been made for the

Mitigation measures, therefore, have been provided for all possible types of heritage resources operation or closure of the mine (Figure 3). which may exist in the study area and which may be uncovered during the Other heritage resources and graves may not have been discovered during this investigation construction,

CONTENTS

	EXECUTIVE SUMMARY	N
	TERMS OF REFERENCE	6
	METHODOLOGY	~
*	Sources of information	7
	Survey of literature	~
N	Databases	7
 	Maps	7
<u>-</u>	The survey with a vehicle and on foot	œ
1.5	Interviewing local spokespersons	∞
N	Assumptions and limitations	∞
ω.	Some remarks on terminology	9
	THE STUDY AREA	_
·	Location	
N	Brief summary of the historical context of the study area	7
ω	The altered nature of the study area (not conducive for the conservation of heritage resources)	a
~	Visual procontation of the study area	47

4	HERITAGE RESOURCES IN THE STUDY AREA	23
,	Heritage resources in the study area	23
A.	Stone Age sites	23
4.1.2	Iron Age sites	23
4.13	Historical sites and sites dating from the relatively recent past	23
4.1.4	Graves and cemeteries	24
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Graves and cemeteries on Blinkwater	24
	Jan Tefu's village	26
	A Changaan village	28
	The Ramatswi village	30
	The Maakamadi village	30
	The Mmamasela village	30
	The Nkona village	30
4.2	Heritage resources in the peripheral area (outside the study area)	<u> </u>
4.2.1	Stone Age sites (including rock paintings)	3
4.2.2	Iron Age sites	3
4.2.3	Historical sites and sites dating from the relatively recent past	32
4.2.3	Graves and cemeteries	32
Ch	THE IMPACT OF THE PROPOSED DEVELOPMENT ON HERITAGE RESOURCES AND GRAVES	ယ္ထ
5	Heritage resources and levels of significance	$\frac{\omega}{\omega}$
5.2	Legislation, mitigation and heritage resources	33

 \bigcirc

TERMS OF REFERENCE

heritage of most cultural groups living in South Africa today. Prehistoric and historical remains in the Northern Province reflect the cultural comprising remains have shown that the Northern Province has a rich archaeological heritage, been explored for cultural heritage remains in the past. These explorations Steelpoort valley and areas to the north and south of the Soutpansberg have Potgietersrus, Phalaborwa, the Blouberg Mountains, Louis Trichardt, the South Africa. assessment study, contracted by SRK Consulting in the Northern Province of This document contains the report on the results of a cultural heritage impact Parts dating from the prehistoric of the Northern Province, such as and the historical Pietersburg, past

assessment study of the study area with the following objectives: therefore commissioned Dr J Pistorius to undertake a cultural heritage impact resources that may be affected by the new development. SRK Consulting information in order to take pro-active measures with regard to any heritage resources that may occur in or near the study area. The mine needs this knowledge of the presence, relevance and the significance of any heritage Province of South Africa. In order to comply with legislation, PPRust requires Overysel 815LR, Zwartfontein 818LR and Blinkwater 820LR in the Northern tailing dam, waste rock dumps and other mining infrastructure on the farms Potgietersrus Platinum Mine (PPRust) intends to establish a new open

- to establish whether any heritage resources do occur in/near to the areas and, if so, what the nature, the extent and the significance of these study
- development activities; and determine whether such remains <u>≦</u> be affected bу the proposed
- to evaluate what appropriate actions could be taken to reduce the impact of development activities on such remains.

may be uncovered during the development project heritage resources that have not been discovered during this study but which remains identified in the study area. Mitigation measures are also proposed for were discovered in and near the study area and the level of significance of these This report therefore outlines the types of heritage resources and graves that development project The report indicates that these remains will be affected (destroyed) by to minimise the effects of the proposed development on the and provides mitigation measures that can

2 METHODOLOGY

2.1 Sources of information

2.1.1 Survey of literature

would expect to find in the study area. the wider area was linked to the possible ranges of heritage resources one area from the earliest times. This regional historical (chronological) overview of and their interaction with the broader environment, therefore also with the study provided, although only a broad framework, a sense of the presence of humans presence of humans, cultures and important events in time and space. This study area was done in order to contextualise the study area with regard to the pertaining to the broad cultural history, ethnography and archaeology of the and surveillance aids such as maps were consulted. The survey of literature literature survey was done, databases on heritage resources were consulted To establish the possible presence of heritage resources in the study area a

2.2.2 Databases

surveys in the immediate surroundings of the study area (see Part 7, studies in the study area. The author has himself completed at least three field 'Bibliography'). heritage resources have been identified during field surveys or post-graduate Cultural History Museum in Pretoria, were used to determine whether any Information derived from databases kept and maintained at institutions, such as South African Heritage Resources Agency (SAHRA) and the National

Naps Maps

occurrence and distribution of graves and cemeteries, are therefore readily areas. The co-ordinates for these remains discovered during this investigation were incorporated in the GIS database available when required. The co-ordinates of graves and cemeteries that were to locate all possible graves and cemeteries in existing and future mining Maleluke has tirelessly, sometimes with the aid of spokespersons, attempted database of PPRust's 818LR, Vaalkop 819LR and Sandsloot 236KR. the presence of graves and cemeteries on Overysel 815LR, Zwartfontein Since the early second half of the 1990s PPRust has surveyed and mapped survey department. Maps, indicating the are incorporated in the GIS A team under Mr. Solly spatial

2.2.4 The survey with a vehicle and on foot

included a visit to the peripheral area in order to gain a better understanding of number of new graves on Blinkwater 820LR. presence of graves and cemeteries recorded by PPRust, but also identified a the nature and context of the study area. The survey on foot confirmed the accessible routes exist, and with a survey on foot. The survey with a vehicle The proposed study area was also subjected to a survey with a vehicle, where

2.2.5 Interviewing local spokespersons

author on his fieldwork trips and assisted with interviewing the local people with cemeteries. Two security guards, Ruben Poto and Esaia Ramaoka, escorted the area. Local people were well aware of the presence and locations of graves and regard to the possible presence of graves, initiation sites and other heritage Various spokespersons were interviewed at random while traversing the study

affected by the proposed new tailings dam. dating from the relatively recent past on Blinkwater. These remains will all be Jan Tefu, a 86 year old inhabitant of Ga-Puka, identified graves and villages Zwartfontein 818LR, where some of the new mining Infrastructure will be built Niklaas Mokwena and Sipho Notwane, who knew the Overysel area very well People who were interviewed included three boys, namely Calvin Molwatsi, boy, Adolf Setšiba, identified a grave under a Marula tree on

2.2 Assumptions and limitations

possible ranges of heritage resources that may exist in the study area, but which commences. The mitigation measures proposed, therefore, have considered all have been missed during this survey, others may occur below the surface of the given the size and extent of the study area. While certain remains may simply (see Table 3). may be uncovered only during the construction, operation or closure of the mine The survey probably did not detect all possible heritage resources and graves, and may only be exposed once development (such

of land that have not been disturbed by the agricultural activities however, possible that dwellings (with family graves) may exist on small pieces deemed not necessary to survey these areas due Heritage resources will be destroyed (affected) in these areas and it was Large parts of the study area were utilised for agricultural purposes in the past. to time constraints. It is

single and scattered graves throughout the study area, in general, is low. graves that have been identified, however, occur in cemeteries. The number of individual 'graves' in fact may not represent graves at all. The majority of the while markings on graves may be disturbed. It is on a grave. Graves that are unattended may be covered with soil or vegetation, marked. Some markings comprise merely stone edgings or a few stones placed problematic with regard to a number of issues. Graves are not always clearly The position of smaller cemeteries and single graves in the study area can be also possible that

graves and cemeteries have to be implemented optimal mitigation measures available for (significant) heritage resources graves and cemeteries that occur in the study area. It is therefore clear that the underestimated. The The degree and magnitude of the impact of the proposed Overysel Zwartfontein heritage development will affect all of the heritage resources, resources, graves and cemeteries must not

2.3 Some remarks on terminology

survey of heritage resources as outlined in the National Heritage Resources Act The cultural heritage assessment referred to in the title of this report included a (Act No 25 of 1999).

lifestyles of the people or groups of people of South Africa. may places that made an outstanding contribution to the cultures, traditions and technological or industrial features may also be part of heritage resources and intangible Cultural heritage (or cultural resources) includes all human-made phenomena products that are the the result of the human mind. Natural,

or region of the world. The historical period and historical remains refer, for the documents were written or any written language developed in a particular area brought to Potgietersrus (Mokopane) by the first Colonists who settled in this Potgietersrus area, to the first appearance or use of 'modern' Western writing The term 'pre-historic' generally refers to the time before 1845. The historical period for Potgietersrus therefore dates from c. any historical

be close to sixty years of age and may, in the near future, qualify as heritage as archaeological or historical remains. Some of these remains, however, may period are not necessarily older than sixty years and therefore may not qualify resources The term 'relatively recent past' refers to the 20th century. Remains from this

the same site serve as a guideline. However, circular and square floors may occur together on great accuracy. Criteria such as square floor plans (a historical feature) may or, when they are present, they are not always clear enough to interpret with may help to make this distinction possible, these criteria are not always present, remains and remains from the relatively recent past. Although certain criteria between archaeological remains and historical remains, It is not always possible, based on observations alone, to distinguish clearly or between <u>historical</u>

that are older than sixty years initiation sites or other sacred places. Graves, in particular, are not necessarily cemeteries as well as ideologically significant features such as holy mountains, heritage resources if they date from the recent past and do not have tombstones The term 'sensitive remains' is sometimes used to distinguish graves and

Middle Stone Age (150 000 years to 20 000 years ago) and the Late Stone Age in an Earlier Stone Age (3 million years to 150 000 thousand years ago) the peoples lived in the area well into the historical period. (20 000 years to 200 years ago). The term Stone Age refers to the prehistoric past, although Late Stone The Stone Age is divided

19th century and can therefore include the historical period. The term 'Late Iron Age' refers to the period between the 17th century and the

focus its mining activities and the establishment of related infrastructure The term 'project area' or 'study area' refers to the area where PPRust wants to

any mining activities in the near future, but which are in close proximity to the The 'peripheral area' refers to the area where PPRust does not intend to focus

establish the presence of all possible types of heritage resources in any given Phase I studies refer to surveys using various sources of data in order to

archaeological sites or shipwrecks, etc. Phase II work requires the co-operation and approval of the South African Heritage Resources Agency (SAHRA) dwellings or mapping Phase II studies include in-depth cultural heritage studies such archaeological and excavating, the documenting of rock art/engraving sites other architectural features and structures, the sampling

THE STUDY AREA

 ω

3.1 Location

discovered in the 1920's by Hans Merensky. The mine is located on the farms motivation for this cultural heritage impact assessment study. farms Zwartfontein 818LR, Blinkwater 820LR and Overysel 815LR, hence the Vaalkop 819LR and Sandsloot 236KR and intends to expand to the adjoining Merensky Reef, (R35) to Limburg and Groblershoop. The platinum mine is established on the kilometers to the north-west of Potgietersust (Mokopane) on the national road Potgietersrust Platinum Mine (PPRust) is situated approximately twenty five locally and historically known as the 'Platreef that was

occupying villages and homesteads in the territory where the PPRust today incorporated, over centuries, numerous Sotho and other speaking clans while origins can be traced to a Nguni (Kwa Zulu/Natal) ancestry. The Langa Ndebele mine its platinum resources. part of the sphere of influence of the Langa Ndebele, a community whose Geographically, PPRust is located in the Mokopane District of the The mine is surrounded by communities whose ancestors was

Kalkspruit and Mašašane townships to the east. descendants Mosoga, to the north-west, and Sekuruwe and Mašašane to the north-east. The Towns that surround the mining area include Ga Tshaba and Mapela and of the Ledwaba/Maune Ndebele clans live in the Bergzicht-

associated with the Langa Ndebele from the study area. The range of hills to the west of the study area contains Magalakwena River flows further to the west, also in the peripheral area, away Mountains, are the most prominent features close to the study area. The to the proposed new mining area, but in the peripheral area, as well as the Ditlotswane, etc. that can historically (during the 16th to the 20th centuries) be numerous Mohlosane magnificent Matlotlo Mountains. A series of hills running westwards and parallel Few outstanding geographical features occur in the study area, settlements, such as and the Sandsloot Rivers situated to the south of the Matlotlo Segopa, Magope, Fonthane, Matlhogo,

situated to the west and parallel to the open pits. A rock waste dump has also stretching westwards along the Matlotlo Mountains, and rock waste dumps consist of an open pit (extending over the farms Overysel and Zwartfontein), PPRust intends to establish new mining infrastructure on the farms Overysel Zwartfontein 818LR and Blinkwater 820LR. This infrastructure

larger parts of the natural environment of the study area into a mining landscape Blinkwater. The tailings dam will cover a surface of approximately 380 hectares infrastructure that will be built includes a plant and a main store on Zwartfontein, and Ga Puka, covering the lower western foot of the Matlotlo Mountains. Other been proposed in what is the present location of the towns of Ga Sekhaolelo (Figure 1). The mining infrastructure will be linked with roads and services that will alter the magazine 9 Overysel, as well as a tailings dam that will be built on

heritage resources or graves located in or near this infrastructure are referred to. tailings dams, however, may also be used as reference whenever individual study area. Individual features of the proposed project, such as the open pit or Zwartfontein and Blinkwater, these areas are here collectively referred to as the As the Overysel Zwartfontein Project will cover large surfaces of Overysel,

dam, rock waste dumps and mining infrastructure. Figure 1. The study area on Overysel 815LR, Zwartfontein 818LR and Blinkwater 820LR, where PPRust intends to establish an open pit, a tailings

Brief summary of the historical context of the study area

2328DD Limburg). (Also note the 1 50 000 topographical maps of the area (2428BB Tinmyne) Ndebele. The names of some of their historical settlements appear in bold original and present occupants of the wider study area are the Langa

known as Langalibalele. originated from eNgungunglovu (Pietermaritzburg) where they occupied a place latter half of the 17th century) when the clans were part of the Hlubi. Langa, was derived from the name of their original chief (who lived during the The Ndebele of Langa are of Hlubi (Nguni) origin. The name of their clan,

significant stop was near Leydsdorp (Mafefera). They then moved to Bosega. were Masebe I, Mapuso, Podile and Masebe II. east of Pietersburg. After a short stay, the Langa moved to Tšweu (Witkoppen Hlubi history, as the Langa clan hived off from the main body. They were led by remained for four generations. The chiefs who ruled and died at Thaba Tšweu Mountain), a Langalibalele/Masebe I from Hlubi country through Swaziland. Their first The second half of the 17th century seems to have been a turbulent period in few kilometers to the south-east of Pietersburg where

by Mapela, son of Seritarita's third ranking wife. 773LR. Their settlement was known as Mokgokong. Seritarita was succeeded here, the clan moved to Moumong-wa-Matswake on the farm Zuid-Holland (on the farm Bultongfontein [239KR]), where he remained for three years. Seritarita, who succeeded Masebe II at Thaba Tšweu, led the clan to Maleoko

incorporated amongst the Langa were the Kwena of Ramorulane incorporate a section of this group, as well as the Pedi of Matlou. Also tribe, e.g. the Tlhaloga Kwena of Tshaba, the Koni of Masenya and Puka; the Tlôkwa of Pila; the people of Tshokwe and the Dikgomo of Lebelo. Internal strife amongst the Phalane enabled the Langa to Numerous smaller Sotho clans were subjugated and incorporated in the Langa Mamaala established several villages around the royal lineage of Mapela during Koni of Seema Hurutshse of Molokomme. sons century, of Seritarita higher in rank than Mapela, namely Mosogo e.g. Mabyanamatshwaana, Tsotsodi and Segodini Groups that voluntarily joined the Langa were Bakwena of Lelaka and the and the

Missionary Society were established in Langa country in 1867. subjects were killed. After the Langa's defeat, the Mankopane topped mountain with steep cliffs on Ruigtevlei 710LR, was attacked on 14 April (the rightful heir) ousted him. The Langa stronghold, Magagamatala, a high flat-1858 by a punitive expedition sent by the Voortrekkers and 800 of Mankopane's where he died in 1825. Thutlwane Hill (Kromkloof 744 LR). When he was old, Mapela moved his village to Fothane Hills (Moordkopje) Maleya ruled from Ditlotswana hills until Mankopane The first mission stations of the Berlin settled on

Other events were the following:

- what is today the North-West Province into Botswana; the Langa expedition in 1837 aimed to expedite Mzilikazi's departure from
- parties and the siege of the Makapans Caves in 1854; (and Kekana) were involved in the massacre of Voortrekker
- (Messina) with whom they bartered copper shortly before 1854; and the Langa Ndebele (Lamola clan) scattered the copper miners of
- the Langa subjugated the Bididi (Songwana) until 1890, exacting heavy tribute from this clan.

fortress. The Voortrekkers then evacuated Potgietersrus. highest part of the mountain where Mankopane's headquarters were. The Boers where Mogemi lived, Mankopane Mogemi (a regent for Mankopane). While the Boers besieged Sefakaulo Hill could also not achieve much success with their raids on Mogemi's mountain Voortrekkers attacked Mankopane at Thutlwane but they could not take the The second encounter between the Voortrekkers and the Langa took place in At the time, the Langa were in an alliance with the Kekana Ndebele of raided white farmers and outposts.

1886, when President Paul Kruger summoned the two chiefs before him continued between the Langa and the Kekana chiefdoms from 1883 to October Mankopane died on 30 May 1877 and was buried in his cattle kraal on Masebe III was proclaimed chief on 3 June 1877.

southern portion, this section of the Langa became known as the Bagamapela. northern portion. Langa. Hans Langa became chief of the southern portion and Bankeberg of the into two sections, namely the Ndebele of Bankeberg and the Ndebele of Hans After the death of Masebe III on 4 May 1890, a succession dispute split the tribe As the ancient grounds of Mapela (Fothane Hill) fall in the

3.3 conservation of heritage resources) altered nature of the study area (not conducive

the Langa Ndebele of Ga Mapela. Some people still depend on agriculture and and stock farming therefore were for decades the main economic activities of the second half of the 20th century on Blinkwater. Hunting, gathering, cultivating year old local spokesperson, Jan Tefu, agricultural lands already existed before topographical map of Limburg (1: 50 000; 2328 DD). According to an eighty-six Blinkwater, has been extensively disturbed and changed by human activity. agricultural plots and utilise the veld for grazing. stock farming to agricultural pursuits These farms have been exploited for agricultural activities for decades. These The study area, comprising large tracts of land on Overysel, Zwartfontein and supplement their income are visible on the 1983 edition of the 1: and communities 50 000

up to about 4,5 hectares. two hectares, which is the maximum that a woman could cultivate using a hoe determined by the number of wives a man had, but each plot was usually one to who in turn provided plots to married men. The size of these plots In the past, chiefs allocated pieces of land to the heads of the various wards The introduction of the plough allowed families to cultivate larger areas of land

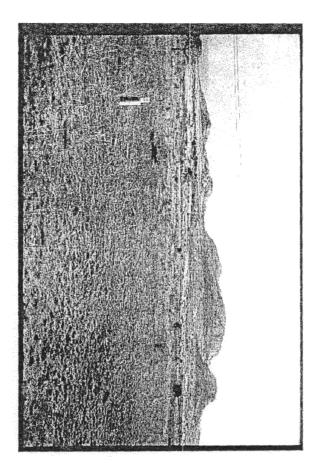
a type of groundnut (dittoo). Tobacco and sugarcane were also planted pumpkins (marotse), various varieties of gourd (maraka), beans (dinawa) and replaced by maize (mahea) as a staple food. Supplementary crops included Crops included sorghum (mabele) and millet (letsoa), which were later largely

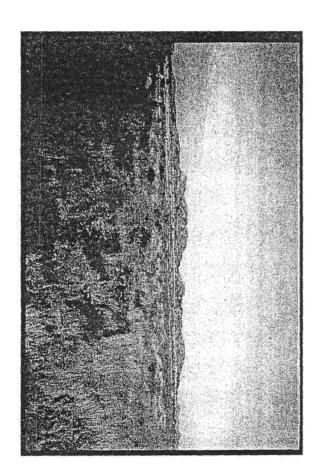
heritage resources, as deposits on sites are churned under the hoofs of the grain fields open for use as winter grazing. Grazing cattle in particular disturbs Although each person usually possessed his own stock, pasturage was used cattle and low stone foundations are broken and scattered. a communal basis. At a fixed time, the tribal ruler declared the

relatives, but who could not find the graves as they have been ploughed under. the author where people who had left the area came back to visit the graves of covered graves near old abandoned villages. At least one instance is known to was found on Blinkwater. The tilling of fields in more recent times may have running water from the higher Matlotlo Mountains and used to cultivate fields represent old agricultural fields. At least one soil dam that was used to store The scarring effect of earlier ploughing is visible where the veld is cleared from and other bush. Open patches of land covered only with grass mostly

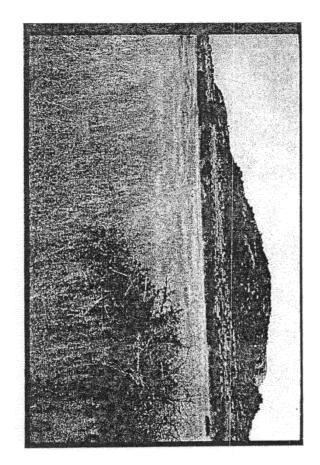
3.4 Visual presentation of the study area

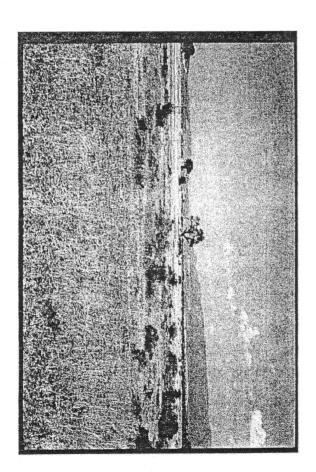
located to the west and to the south of the Matlotlo Mountains. (left) and from the far north-west (right). PPRust's proposed new mine will be Figures 2 & 3. A panoramic view of the study area as seen from the north-east



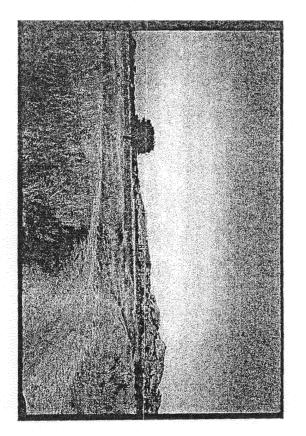


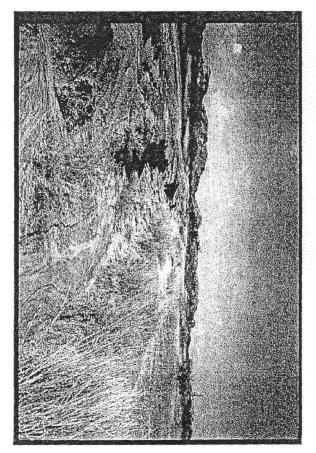
scientific investigation. stone tools that are found in these ploughed areas, however, archaeological point of view considered 'out of context' and of little use for products) and iron slag have been found near the pit. contain no heritage remains of significance. A few stone flakes (mostly waste be located, have been used for agricultural fields in the past (left and right) and Figures 4 & 5. Large parts of Overysel and Zwartfontein, where the open pit will Potsherds, iron slag or are from





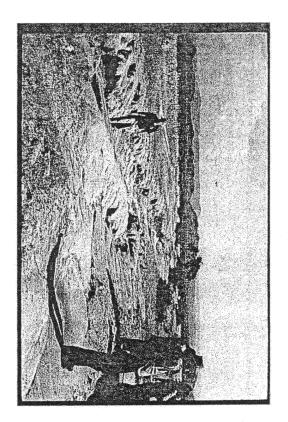
roads promote erosion (left). of the Matlotlo Mountain have divided into numerous smaller secondary roads. Figure 6 & 7. The main dirt road leading to the villages against the western foot These roads have, together with footpaths, scarred the study area. Some of the

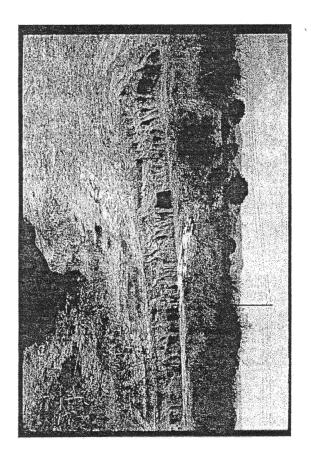




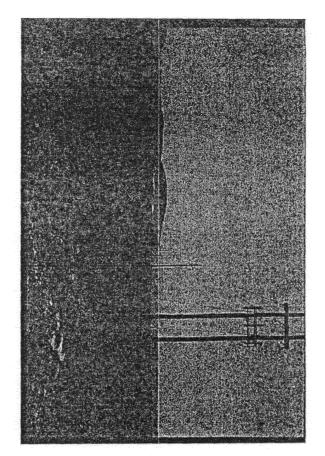
south. Figures where the open pit will be developed, are broad and deep. tailings dam area on Blinkwater. These dongas join the Sandsloot further to the plateau, has cut dongas through the open pit area and the proposed new Some of the dongas on the western slopes of the Matlotlo Mountains, δο 00 Erosion, caused by water running from the higher Matlotlo

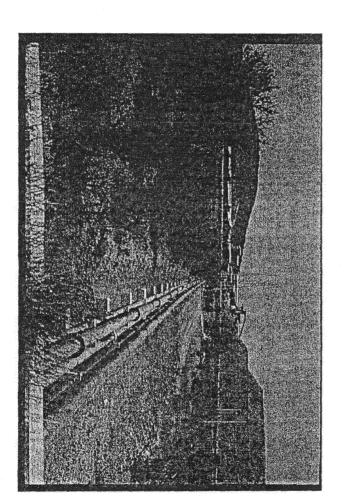
one locality in these dongas. these are not expected in the study area). Stone tools were observed in at least Some of these water courses may be hundreds of years old and may expose tools dating from the Stone Age and even Early Iron Age sites (although



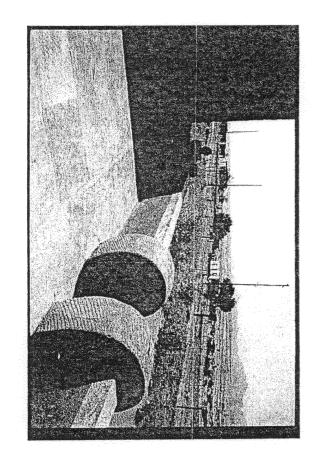


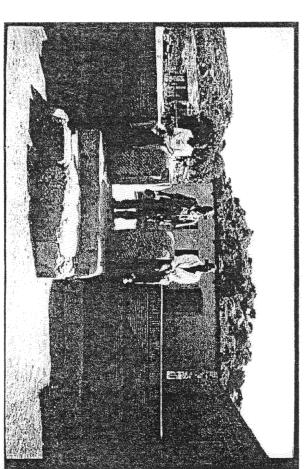
natural character of the study area (left and right). pipelines running from the existing mine, furrows and shacks have altered the Figure 10 & 11. Human built features such as a soccer field, transmission lines,





smeared with cattle dung). floor of the inner courtyard of the dwelling photographed [below] has been constructed entrances with walls which are sometimes decorated. (Note how the around inner courtyards. Notable features of the houses Matlotlo Mountain contain dwellings with a unique indigenous architecture. Figures 12 & 13. The Ga Puka and Ga Sekhaelelo towns along the foot of the These dwellings are mostly rectangular, are multi-component and arranged are elaborately





4 ASSESSMENT 유 I I I I HERITAGE POTENTIAL 9 世田 STUDY

4.1 Heritage resources in the study area

resources, are indicated in Figure 14. briefly discussed. The graves and cemeteries have also been tabulated (Table substantial numbers in the study area. The heritage resources and graves are sensitive remains, Very few 1), while their location in the study area, together with those of the heritage heritage resources were discovered consisting of, graves and cemeteries, were in the study area. However, present in

4.1.1 Stone Age sites

thousand hectares of land when considering the fact that the study area incorporates approximately two It can be accepted that stone tools dating from the Stone Age may exist on a scale than the mere one site discovered in the study area, particularly

waste material, which indicated that the tools may have been manufactured 'on tools observed, however, was limited. The Stone Age material also included (approximately 100 000 to 20 000 years ago). A few stone tools were observed in a donga near the open pit. The number of The tools may date from the later parts of the Middle Stone Age

4.1.2 Iron Age sites

occur where the open pit will be developed. was exposed by erosion. No remains of furnaces were found. These remains Iron slag and potsherds (probably Late Iron Age) were found in a donga where it

could be made No conclusion regarding the origin, meaning and significance of the material

Historical sites and sites dating from the relatively recent past

abandoning of homesteads and villages, the building of roads, the preparation of Blinkwater have been occupied for decades. Many of these sites and dwellings or dwellings dating from the relatively recent past (not necessarily older however, sixty years) Numerous historical sites and dwellings (dating from the 20th century) and sites have been occur in the study area. The farms Overysel, Zwartfontein and destroyed by 'normal' development such as

mining development. new agricultural fields and during the provisioning of basic services. Villages and homesteads have also, from time to time, being removed to make way for

dwellings in the Ga Puka and Ga Sekhaolelo villages. at documenting the unique architectural features of some of the (historical) they are dilapidated. More value could be gained from a research project aimed design of these structures. These remains also have little research value, (scarcity), cultural historical significance, aesthetic appearance, or architectural considered as significant when considering criteria such as old and may, in some instances, be older. These remains, however, are not graves and cemeteries). These villages and homesteads are close to sixty years A number of these villages have been recorded on Blinkwater (together with the uniqueness

4.1.4 Graves and cemeteries

all the graves and cemeteries have been incorporated in PPRust's GIS data discussed as they have not yet been recorded by PPRust. The co-ordinates of indicated in Figure 14. Only the graves and cemeteries on Blinkwater are cemeteries that have been recorded have been tabulated in Table 1 and are graves may not have been noted during the grave census. The graves and features. However, as pointed out previously, it can be accepted that some and Blinkwater. PPRust's survey department has mapped the majority of these base and are not repeated in this report. A substantial number of graves and cemeteries occur on Overysel, Zwartfontein

4.1.4.1 Graves and cemeteries on Blinkwater

cemeteries and individual graves were discovered in this area: with individual graves or with small family cemeteries. The following villages the proposed new tailings dam. The majority of these villages are associated villages that seem to have been abandoned during the 1950's occur in or near Blinkwater 820LR and will cover approximately 380 hectares of land. The proposed new tailings dam will be situated on the south western portion of

Figure 14. Graves and cemeteries in the study area of the Overysel Zwartfontein Project Sekurwe UTRECHT 776 LR (PORTION 4) VAALKOP BLINKWATER 820 LR VALKOP DAM ZW New 1 6 UTRECHT 776 LR (PORTION 8) ZW New 2 ZW New 3 New cemetary UTRECHT 776 LR (PORTION 7) UTRECHT 776 LR Borehole P81 (PORTION 9) Ga-Puka/ ZWARTFONTEIN 818 [[]]G. 130 (REMAINDER) Swarttontein South gben pit (see report for detail) OV New 1-New 2 New cemetary New 3 Grave next to road Ga-Sekhaolelo Swartfontein North Stone Age/Iron Age site (stone tools and iron slag) 1 of 3 [1] 2 of 3 📳 " OVERYSEL 815 LR Skiming Ga-Masenya Ga-Tshaba DRENTHE 778 LR MOORDKOPJE/813 LR ZWARTFONTEIN 814 LR

Jan Tefu's village

Molamo, Kutumela, Kimabela, Kipagadi, Kilanga and Matloung Jan Tefu, who lives in Ga Puka, occupied this village together with other family These families were known as (not necessarily spelled correct):

with two abandoned villages and three small cemeteries Jan Tefu was born in 1916 and is therefore 86 years old. This site is associated

included the following: The individual graves, cemeteries and remains of villages that were discovered

A first village

with this village while others had square plan forms. Two cemeteries were found in association stone. kraal and a piece of agricultural land. The dwellings were built with mud and with The remains of this village comprise of at least six to seven dwellings, a cattle Some of the dwellings may have been circular in shape (such as huts)

A graveyard for children and a graveyard for adults

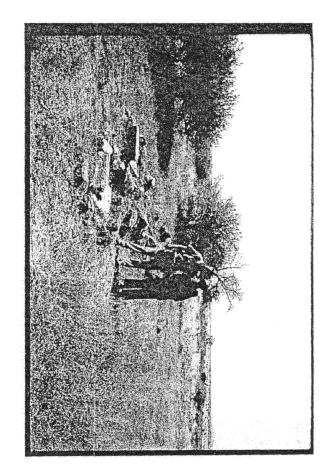
cement slabs. The remaining three graves are demarcated with stone edgings. graveyard with the remains of five children. Two of the graves are covered with two cemeteries found in association with the first village consisted of a

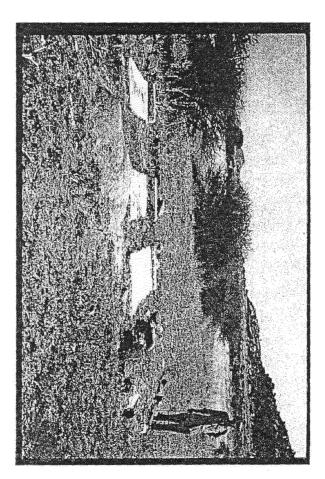
father (Aalwyn Madimetsha) and his brother's wife (Ramasela). The second graveyard contained the remains of four adults. The deceased (Ramakgemetsha), the following) S grandfather (Masobane family members 9 Tefu), his grandmother, his Jan Tefu:

A second village

graveyard for children. presence of two of the dwellings of this village. This village is associated with a village consisted of at least five dwellings. Two heaps of soil mark the former A second village is associated with the first village. According to Jan Tefu this

other families. Blinkwater 820 LR that are part of the village once occupied by Jan Tefu and Figures 15 & 16. The graveyards for children (above) and for adults (below) on





A graveyard for children

recognisable This graveyard contains three Although these graves are marked with stone linings they are not easily graves of children of Jan Tefu's brothers and

A Changaan village

village that is associated with a few graves. as if the descendants of these families have moved out of the area. This village correctly): Nkuna, Maluleka, Tolo, Shelenge, Boloi, Ngobeni and Nyoni. It seems consists of the following remains: proximity to Jan Tefu's village, a Changaan community occupied a ten families with the following The Changaan village housed as names (not necessarily spelled

this village. The following graves are located in close proximity to the village. village: the remains of several heaps of soil attest to the former existence of

the inscription 'Nyoni'. The Nyoni grave: this grave is covered with a cement slab with

grave is that of a 'Baloyi' and the second that of a 'Ngobeni'. A Baloyi and a Ngobeni grave: two graves covered with cement slabs. The one

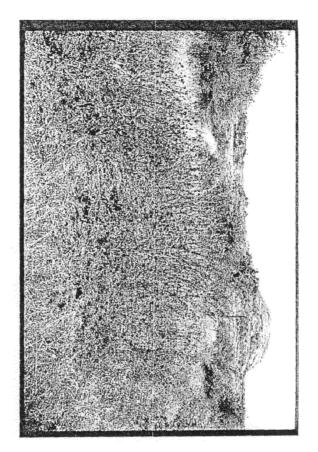
inscription partly visible: barely recognisable. A single grave: this grave is located in a dense clump of bush and therefore is It is also covered with a cement slab with the following

'HE VEKE (which means one week)
HI MAAKA' (which refers to the Nyosi Changaan)

A Ngobeni grave: this grave is barely visible and merely consists of two visible next to an ant heap that is situated in close proximity to a large Marula

children of the Changaan community. The graves are outlined with stones but A graveyard for Changaan children: buried in this graveyard not all the graves can clearly be distinguished. At least four or five children were this graveyard contains the remains

second that of a 'Ngobeni'. covered with cement slabs (below). The one grave is that of a 'Baloyi' and the Figures 17 & 18. The remains of the Changaan village (above) and two graves





The Ramatswi village

with it. The village is associated with only a single large heap of soil. The Ramatswi family occupied this small village which has no graves associated

The Maakamedi village

village consists of the remains of dwellings and a grave

The village

were cultivated by this family are still visible as are delineated with lines of aloes. The remains of this village consist of at least two heaps of soil. The fields that

A single grave

stones his single grave is located under a large Marula tree and is outlined with

The Mmamasela village

used to serve the religious beliefs of the communities in the area. Mmamasela village is the square foundation (12mx8m) of the Zion church that with soil in which water, running from the Matlotlo Mountains, was stored. village is located close to a circular dam (diameter, approximately 12 m) built water was This family lived next to the Maakamedi family and also cultivated fields. used to irrigate their crops. D second structure close Their The the

The village

associated with this village building material consisting of cement and bricks. A part of a possible foundation consisting of upright stones marks a The remains of this village are marked by at least one prominent heap second structure that is

The grave

visible The grave is outlined with stones and covered with a heap of soil. It is not clearly

The Nkona village

The village

anymore. It may have been damaged when the soil around the village otherfeatures of this village. The village site is associated with a single grave ploughed. Grey This village is located close to the dirt road that runs from the Groblersbrug road Ga Phuka village. ashy deposits The remains of this may be associated with the village are not clearly visible dwellings was and

The grave

cement border and contains a tombstone without any inscriptions This grave is situated near a large Marula tree. It is clearly outlined with a

4.2 Heritage resources in the peripheral area (outside the study area)

impact on the area, however, these remains are briefly summarised here magnitude of the Overysel Zwartfontein (PPRust North) Project and its overall discussed in detail as they fall outside the scope of this study. Considering the peripheral area (outside the study area). These resources and graves are The following ranges of heritage resources and sensitive remains occur in the not

4.2.1 Stone Age sites (including rock paintings)

Stone tools may be found near the Sandsloot River and the Mohlosane River may have been exposed by erosion activities. further to the south of the study area or near other prominent dongas where they

Rock paintings occur within the Masêbê Nature Reserve further to the north.

4.2.1 Iron Age sites

sites may occur closer to where the Magalakwena River joins small rivers and unlikely that Early Iron Age sites will occur in the PPRrust study area. These that was excavated in the 1980's at Ficus Cave, near Potgietersrus. It is therfore The only Early Iron Age site so far recorded in the Potgietersrust District is a site tributaries on its way to the Limpopo River in the north.

surveyors have mapped three 'ruins' in the Matlotlo Mountains. along the base line and at higher altitudes of the Matlotlo Mountains. PPRust's and southern slopes of the mountain when Ga Puka and remains, if they existed, would have been destroyed on the northern, western may either date from the historical It is possible that Late Iron Age sites consisting of stone walls (ruins) may occur period or from the Late Iron Age. Sekhaeolelo were These remains

surveyed before the proposed development may affect any remaining Late Iron endangered by the proposed development. The mountains, however, must be The Matlotlo Mountains are part of the peripheral area and are not presently Age sites or features, such as initiation cairns. (The latter is stone structure used

areas. during initiation schools for boys. They are usually located in private, secluded such as on mountains).

Historical sites and sites dating from the relatively recent past

exist in Ga Puka and Ga Sekhaolelo. in the peripheral area and fall outside the scope of this study dwellings are demolished. The Ga Puka and Ga Sekhaolelo villages, are located be considered as historical significant. The indigenous architecture of some of qualify as historical structures (because they are close to sixty years of age) still A number of dwellings with associated infrastructure (kraals, fields, dwellings, nevertheless warrants proper documentation before these Not all of these structures, however, can etc) that

4.2.4 Graves and cemeteries

outside the study area. A considerable number of graves and cemeteries occur in the peripheral area These graves be summarised as follows:

- proposed new Zwartfontein South open pit. graves located near Borehole P81 on Vaalkop 819LR
- eastern part of Zwartfontein. Three new sites with graves recently discovered by a team of PPRust on the
- of Ga Sekhaolelo. One modern, formal graveyard on Drenthe 778LR, located to the north-west
- national road to Groblersbrug. This grave is located near the Groblersbrug A single grave located next to the dirt road between Ga Puka and the
- tombstone bears the following inscription: and the Groblersbrug road. This grave is neatly maintained and fenced in. Its The grave of Jim Mutshinya situated close to the dirt road between Ga Puka

Jim Mutshinya B 25081904 D 05071960

Mes: kha vha edele Nga Mulalo Ram bau

O THE IMPACT OF THE HERITAGE RESOURCES AND GRAVES PROPOSED NID S DEVELOPMENT 2

5.1 Heritage resources and levels of significance

graves may have been missed during the survey. agricultural purposes in the past. It is also possible that heritage resources and attributed to the fact that large parts of the study area were utilised for however, were recorded in a relatively large number in and near the study area study area covers a considerable surface area. Graves and cemeteries a limited range of heritage resources were present in these areas, although the dam and the area where mining infrastructure will be established, indicated that The small range of heritage resources discovered in the study area may be The survey of the study area covering the open pits, waste rock dumps, tailings

the degree (or severity) of impact that these remains will experience with the the state of preservation and the research value of the different types of heritage ideological/symbolic, and aesthetic values, uniqueness, cultural historical value heritage resources, namely 'high', 'medium' and 'low'. proposed new development. Three levels of significance were used to grade the resources Table 2. This table also outlines the level of significance of these remains and The heritage resources that have been discovered in the study area are listed in were determined by considering criteria These such

dwellings and homesteads that are worth documenting and Ga Sekhaolelo villages, outside the study area, are rated of high rated of low significance. However, some of their counterparts in the Ga Puka relatively recent past, or which may approach sixty years of age, have been significance. The villages and homesteads on Blinkwater dating from the Stone Age site and the (single) Iron Age site have been allocated a low The graves and cemeteries have high levels of significance while the single and mitigation measures have been recommended for

Legislation, mitigation and heritage resources

Mitigation to the mitigation of the heritage resources and graves is outlined in an Appendix. determined by cultural heritage legislation. A synopsis of all legislation relevant undiscovered heritage resources or graves are (accidentally) discovered during The status quo of the heritage resources and graves in and near the open pit is measures also have to be implemented whenever hitherto

in operation (Table 3). mitigation measures have been spelled out with regard to all types of heritage the construction, operation or closure of the proposed new mine. Consequently, resources that may be discovered when the proposed new mine is developed or

RECOMMENDATIONS

that these remains will also be affected (directly or indirectly) by the proposed Although these remains fall outside the scope of this study there is little doubt new development commences. Heritage resources as well as graves presence of heritage resources and sensitive remains in and near the study study area has a rich cultural heritage. This has been amply proven by the extent of this project. Overysel Zwartfontein (PPRust North) Project, considering the magnitude and cemeteries also occur in the peripheral area (outside the cemeteries discovered in the study area, will be affected when the proposed area. The single Stone Age and Iron Age sites, as well as the Considering the historical context of the wider area, it is clear that the PPRust study area) graves and

that may be affected by the proposed Overysel Zwartfontein (PPRust North) may be discovered in the mining area (Table 3). measures have been outlined for all possible types of heritage resources that construction, in operation or when the mine is closed in the future. Mitigation discovered during this study may be uncovered when the new mine is in to heritage resources and sensitive remains (in and outside the study area) of 1983 as amended). Mitigation measures are therefore proposed with regard the National Heritage Resources Act (Act No 25 of 1999), the Ordinance on Legislation requires mitigation whenever heritage resources or sensitive remains Exhumations (Ordinance No 12 of 1980) and the Human Tissues Act (Act No 65 to be affected by development activities. It is also possible that heritage resources The relevant legislation includes and graves not yet

and cemeteries located in the study area and in the peripheral area include: Mitigation measures that are recommended for heritage resources and graves

- The exhumation and removal of all graves and cemeteries (study area);
- * Mountains (peripheral area); A survey and mapping of Late Iron Age sites located in the Matlotlo
- Ga-Sekhaoleleo villages (peripheral area). The documenting of historical dwellings and homesteads in the Ga-Puka and

architects and forensic archaeologists, are acquainted with legislation relating to these remains and the administrative procedures to obtain the necessary specialists pointed out in Table 3, namely archaeologists, historical

documentation of historical structures or the surveying and excavation of Late permits for mitigation. As can be seen from Table 3, mitigation measures will resources that may be affected by PPRust's proposed development project Iron Age settlements. include actions such as the exhumation and reburial of human remains, the Specialists to be consulted on the ranges of heritage

- the exhumation of human remains; Prof. Maryna Steyn, Department of Anatomy at the University of Pretoria, for
- settlements Dr Julius Pistorius, the Department of Anthropology and Archaeology at the University of Pretoria, for the surveying and excavation of Iron Age
- Mr Mauriz Naude of the National Cultural History Museum in Pretoria, for the documentation of historical structures

DR JULIUS CC PISTORIUS

---BIBLIOGRAPHY OF LITERATURE PERTAINING TO THE BROADER STUDY AREA

Berg, J.S. (red.) 1999. provinsies. Van Schaik: Pretoria. Geskiedenisatlas van Suid-Afrika. Die vier noordelike

van die Noord Ndebele. Universiteit van Pretoria: Pretoria Beer, F. C. 1986. Groepsgebondenheid in die familie-, erf- en opvolgingsreg

Erasmus, B.P.J. 1995. Oppad in Suid-Afrika. Jonathan Ball: Johannesburg

of the Potgietersrus district. Unpublished manuscript. Jackson, A. O. 1969. The history and political structure of the Mapela Chiefdom

Department of Co-operation and Development Jackson, A. 0 Ś Ġ The Ndebele of Langa. Ethnological publications no. 2

Unpublished MA dissertation. University of the Witwatersrand J.H.Z. 1994. Ndebele archaeology 0f the Pietersburg area

Maquire, J. s..a. A guide to the Makapansgat valley sites

Johannesburg. Mason, ŢĮ 1962. Prehistory 0f the Transvaal. Wits University Press:

M.A. dissertation. University of the Witwatersrand Moore, M. P. J. 1981. The Iron Age of the Makapan valley area. Unpublished

Educational Publishers: Cape Town. Standard Encyclopaedia of Southern Africa. Volumes ~ ∞ ζo 9 (1970). Nationa

Pretoria Van Warmelo, Z <u>___</u> 1930. Transvaal Ndebele texts. Government Printer:

Pretoria Van Warmelo, Z <u>__</u> 1944 The Ndebele of J. Kekana. Government Printer:

Table 1. Graves and cemeteries located in the study area that will be affected by the proposed Overysel Zwartfontein Project.

FARM	IMPACTED BY	NO OF GRAVES	COMMENTS
OVERYSEL	Rock waste dump	9	Cemetery
Ditto	Rock waste dump	5	Cemetery
Ditto	Rock waste dump	1	Single grave
Ditto	Rock waste dump	3	Three graves
Ditto	Rock waste dump	1	Single grave
Ditto	Open pit	4	Four graves
Ditto		307	Cemetery
Ditto		71	***************************************
Ditto	Open pit & rock waste dump	11	Scattered
Ditto	Open pit & rock waste dump	2	Two graves
Ditto	Open pit & rock waste dump	1	One grave
Ditto	Open pit & rock waste dump	National Control of the Control of t	Nine graves
Ditto	Rock waste dump	2	
ZWARTFONTEIN	Open pit		
Ditto		?	
Entered to the second s	Mine infrastructure	1	
	<u></u>	1	
Ditto		3?	No of graves uncertain
Ditto		1?	No of graves uncertain
Ditto		1?	No of graves uncertain
Ditto		6 sites	Open pit area.
VAALKOP		4	
BLINKWATER		4	The state of the s
Ditto	Tailings dam	5	
		3	
Ditto	Tailings dam	1	
Ditto	Tailings dam	1	
Ditto	Tailings dam	1	
Ditto	Tailings dam	1	
Ditto	Tailings dam	5?	No of graves uncertain
Ditto	Tailings dam	1?	No of graves uncertain
Ditto	Tailings dam	1	
A CONTRACTOR OF THE PROPERTY O			make principle of the contract
Ditto	Tailings dam Tailings dam	1	
	OVERYSEL Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto	OVERYSEL Ditto Rock waste dump Ditto Ditto Open pit Ditto Open pit Ditto Open pit Ditto Open pit & rock waste dump Ditto Tailings dam Ditto Tailings dam Ditto Ditto Tailings dam Ditto Ditto Tailings dam Ditto Tailings dam Ditto Ditto Tailings dam	OVERYSEL Rock waste dump 9 Ditto Rock waste dump 5 Ditto Rock waste dump 1 Ditto Rock waste dump 3 Ditto Open pit 4 Ditto Open pit 307 Ditto Open pit 71 Ditto Open pit 71 Ditto Open pit & rock waste dump 1 Ditto Open pit & rock waste dump 9 Ditto Open pit & rock waste dump 9 Ditto Open pit 7 Ditto Rock waste dump 7 Ditto Open pit & rock waste dump 9 Ditto Rock waste dump 7 Ditto Rock waste dump 7 Ditto Popen pit & rock waste dump 9 Ditto Rock waste dump 7 Ditto Popen pit 7 Ditto Popen pit 1 Ditto 17 1 Ditto 17 1 </td

Table 2. Heritage resources and graves present in the study area, the level of significance of these remains and the level of impact that the Overysel Zwartfontein Project will have on these remains.

HIGH	LOW		Sites from the recent past
нен	LOW	טר	Historical sites
нен	MON	ס	Iron Age
HIGH	LOW	ס	Stone Age
HIGH	HIGH	ס	Graves
Level of impact	Level of significance	Present (A) Absent (A) in the study area	Scott and Agent agent and Agent ag

Table 3: Heritage resources and sensitive remains that exist in and near the PPRust study area. Note the mitigation measures to be followed whenever any of these resources will be affected during the construction, operation and closure of the new mine.

HERITAGE	Z Z Z	MITIGATION	PRO	PROCEDURES	GENERAL
Stone Age sites and	MIT A			D	One Stone Age Sto
scatterings of stone	<u>ω</u> (Surface and		SAHRA and	exists in the study
100kg	Q.	donation to		collaboration with	area and will be
	י די	Polgietersrus		archaeologist	destroyed by the
	•	Test excavations			
		546			
	•	Extended			
	Œ	excavations if			
	= O	exceptionally			
Early Iron Age sites	·	Surveys and test	•	Permit from	It is highly unlikely
	1 (1)	excavations		SAIKA and	that there are Early
	•	TXTended		collaboration with	Shirty area
	– α	unique		alcilaeologist	0.00
Late Iron Age sites	• o co	Survey and test excavations	•	SAHRA and	sites exist in the
	•	Extended		collaboration with	study area
	= a	unique			
Historical sites and	•	Documentation	•	Permit from	Dwellings and
etc.)	* TI Q	Restoration and		historical	recent past and the
	•	Incorporation into			in the study area.
		new	***************************************		Many of these
	s c	schemes			destroyed. Some still
25.00			, , , , , , , , , , , , , , , , , , ,		exist on Blinkwater.
					not considered to be
					significant, Mitigation
			***************************************		recommended for
					dwellings and
			***************************************		Dilks and Ga
					Sekhaolelo outside
		one de como de		ONO OTTORISMON SELECTION OF THE SELECTIO	the study area.
Graves and	•	Incorporation of		Permits from	Graves and
\$ \$	Ω. ((development	***************************************	and provincial	the study area
	1 (5)	schemes		T Real	
	•	Relocation of		departments	
	(0 (0	graveyards		consultation.	
			•	Collaboration with forensic	
Octobility (All States) (Colors (Color	**************************************	00000000 care or		archaeologist.	A MANAGARA (AND AND AND AND AND AND AND AND AND AND

)

APPENDIX: LEGISLATION RELEVANT TO RESOURCES IN THE PPRUST STUDY AREA I I CULTURAL **HERITAGE**

The National Heritage Resources Act (Act No 25 of 1999

by development activities. Permits must be acquired from the destroyed during the course of development activities Heritage Resources Agency (SAHRA) before a heritage site can be affected or assessment studies to be done whenever cultural resources may be destroyed development activities are undertaken. excluded from the bill) to undertake impact assessment studies whenever any developers (including engineers, farmers [agriculturists] and mines, previously National Heritage Resources Act (Act No 25 of 1999) requires The law provides guidelines for impact South African

exempted in terms of the Environment Conservation Act. procedure Archaeological impact assessment studies have therefore become a common for all development activities, even if such development may be

community participation in the protection of living heritage resources the management of the country's cultural heritage. heritage resources management and involves all three levels of government in other cultural heritage resources. The law stipulates general principles for The new law stipulates the types of remains that qualify as heritage resources These cultural resources are classified into national, provincial and The law also requires

utilisation of national heritage resources. A newly established National Heritage organisations concerned with the study, the conservation and the promotion and standards for heritage resources management and monitors the system as a Resources Fund provides financial assistance for heritage projects establishes and maintains Heritage authorities assist and co-operate with individuals a national policy, strategy plans and

N Graves, the exhumation and relocation of human remains

Different legislation applies to different categories of graves, namely

2.1 Graves younger than 60 years

Human Tissues Act (Act 65 of 1983). These graves fall under the jurisdiction of Graves younger than 60 years are protected by Section 2(1) of the Removal of and Dead Bodies Ordinance (Ordinance no 7 of 1925), as well as the

Act 65 of 1983 (the Human Tissues Act). institution conducting the relocation must have authorisation under Section 24 of grave is being relocated. grave is situated, as well as the relevant local or regional council to where the must also be obtained from the relevant local or regional council where the MEC for Housing and Welfare). Authorisation for exhumation and re-interrment the Provincial MEC for Local Government and Planning, or, in some cases, the Health. Approval for the removal of graves and bodies must be directed to the the National Department of Health and the relevant Provincial Department of must be adhered to. Office of the relevant Provincial Minister. (This function is usually delegated to In order to handle and transport human remains, the All local and regional provisions, laws and by-laws

2 Graves older than 60 years

in this category or the relocation thereof must be supervised by an archaeologist authority is required and all regulations, laws and by-laws set by the cemetery South African Association for Archaeologists accredited by SAHRA and the Cultural Resource Management Section of the Section 24 of Act 65 of 1983 (the Human Tissues Act). Any alteration to a grave remains, the institution conducting the relocation needs authorisation under authorities must be adhered to. In order to handle and to transport human formal cemetery, but is to be relocated to one, permission from the local over and above SAHRA authorisation. If the grave is not situated inside a also require the same authorisation as set out for graves younger than 60 years this category located inside a formal cemetery administered by a local authority situated outside a formal cemetery administered by a local authority. Heritage Resources Act) is applicable to graves older than 60 years which are Regarding Burial Grounds and Graves (Section 36[5] of Act 25 of 1999, National Heritage Resources Agency (SAHRA). Act 25 of 1999 (the National Heritage Resources Act), as well as the Human Tissues Act (Act 65 of 1983) and under the jurisdiction of the South African Graves older than 60 years, but younger than 100 years, fall under Section 36 of The Procedure for Consultation

.3 Graves older than 100 years

where they are located. SAHRA authorisation is required for all graves in this category, regardless of therefore protected under Act 25 of 1999 (the National Heritage Resources Act). All graves older than 100 years are legislated as being archaeological and Association relocation thereof must be supervised by an archaeologist accredited by SAHRA Cultural Resources Management Section of the <u>o</u> Archaeologists. Any alteration to a grave in this category or the F the grave S situated コ South Ø cemetery African

conducting the relocation must have authorisation under Section 24 of Act 65 of and Graves discretion of SAHRA, than 60 years are also applicable, over and above SAHRA authorisation. At the administered by a local authority, the authorisation as set out for graves younger 1983 (the Human Tissues Act). be required. (Section 36[5] of the National Heritage Resources Act) might also In order to handle and transport human remains, the institution the Procedure for Consulting Regarding **Burial Grounds**

2.4 Graves of victims of conflict

situated in a cemetery administered by a local authority, the authorisation as set authorisation under Section 24 of Act 65 of 1983 (the Human Tissues Act). transport human remains, the institution conducting the relocation must have National Heritage Resources Act) might also be required. In order to handle and Regarding Burial Grounds and Graves (Section 36[5] of the Act 25 of 1999, the out for graves younger than 60 years is also applicable, over and above SAHRA Section of the South African Association for Archaeologists. archaeologist accredited by SAHRA and the Cultural Resources Management a grave in this category or the relocation thereof must be supervised by an SAHRA authorisation is required for all graves in this category. Any alteration to situated, are protected by Act 25 of 1999 (the National Heritage Resources Act). All graves of victims of conflict, regardless of how old they are or where they are regulations. At the discretion of SAHRA, the Procedure for Consulting If the grave is