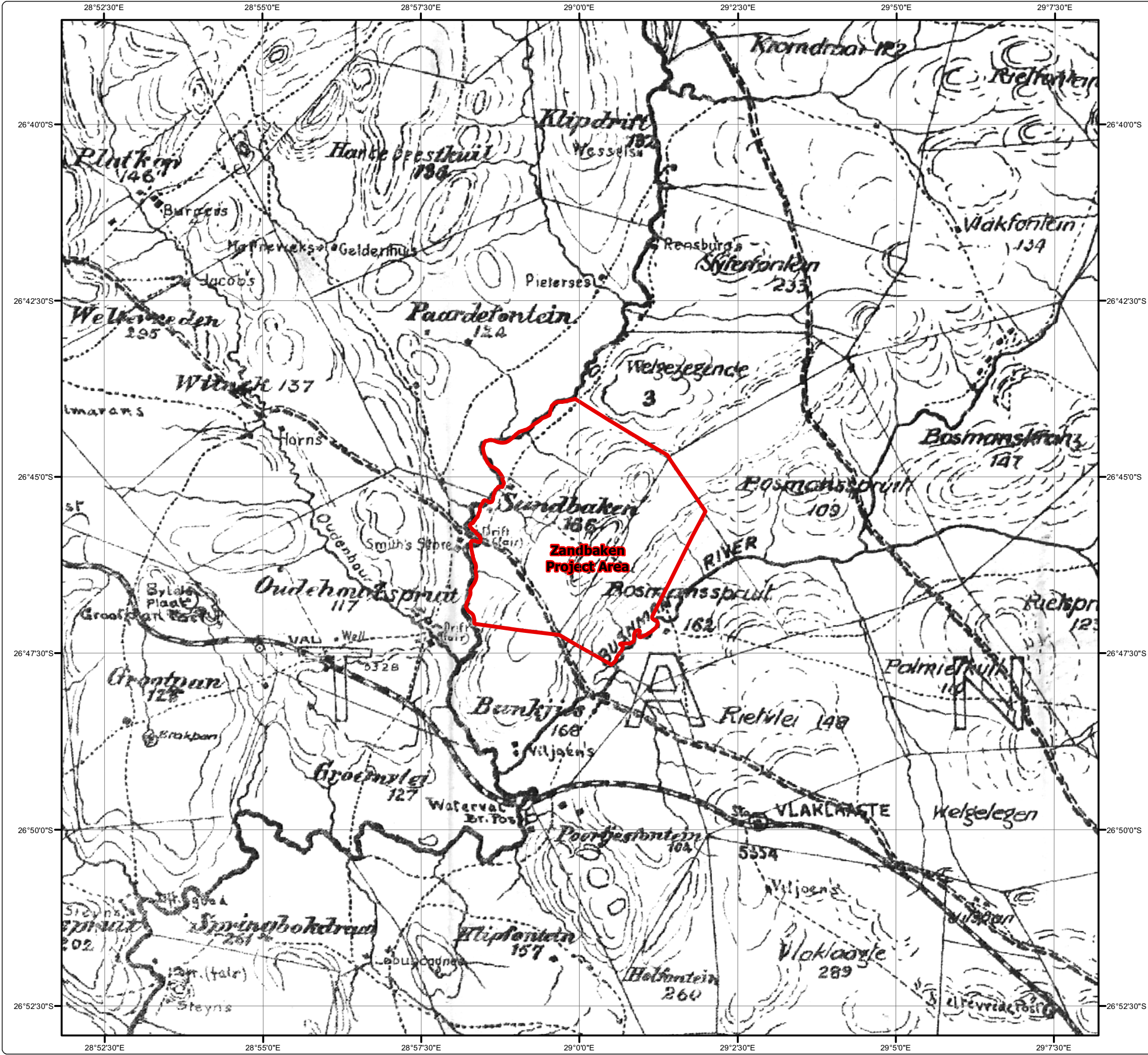


EIA/EMPR for Zandbaken Project

1902 Major Jackson Map of Standerton

Legend

 Project Area

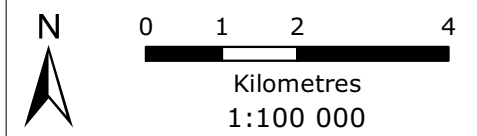


Map Ref:
1902 Major Jackson
Map of Standerton



www.digbywells.com

Projection: Transverse Mercator	Ref #: tdm.XST1716.201210.087
Datum: Cape	Revision Number: 1
Central Meridian: 29°E	Date: 11/10/2012



EIA/EMPR for Zandbaken Project 1953 Historical Aerial Photograph



3552 Job 326 RC5N0117 F/L 114-12mm 18-9-53



3554 Job 326 RC5N0117 F/L 114-12mm 18-9-53



3553 Job 326 RC5N0117 F/L 114-12mm 18-9-53



3741 Job 326 RC5N0117 F/L 114-12mm 19-9-53



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Ref #: tdm.XST1716.201210.090
Revision Number: 1
Date: 11/10/2012

EIA/EMPR for Zandbaken Project 1969 Historical Aerial Photographs



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ENVIRONMENTAL

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Ref #: tdm.XST1716.201210.089
Revision Number: 1
Date: 11/10/2012

4.4 Relevant Previous Impact Assessment Reports

No previous impact assessments were conducted in the proposed Zandbaken Project area, specifically, but relevant impact assessments undertaken near the project area included:

- Henderson, Z & Koortzen, C. 2007. Heritage Assessment Report Zeus Substation Expansion, Vlakfontein 328, Gert Sibande (DC 30) District, Mpumalanga, South Africa. Unpublished report for PBA International.
 - A burial ground containing 56 graves was identified during the impact assessment. The oldest identified date on the headstone is 1922 (Henderson & Koortzen, 2007).
 - This site is located approximately 8 km north east from the Zandbaken Project area.
- Van Schalkwyk, J. A. 2008. Heritage Impact Assessment for the Standerton Extension 8 Project, Standerton, Mpumalanga. Unpublished report for Interdesign Landscape Architects.
 - A Second World War aerodrome was identified during the impact assessment. It was part of the vast Joint Air Training Scheme that was operated by the South African Air Force and the Royal Air Force. It was used to train pilots, navigators, air gunners and observers. After the Second World War, the living quarters became a suburb of Standerton and the other structures became part of a textile factory. The airfield then became a public aerodrome (Van Schalkwyk, 2008).
 - The site is located approximately 25 km south east from the Zandbaken Project area.
- Pistorius, J. C. C. 2008. A phase 1 Heritage Impact Assessment (HIA) study for Sasol's proposed new gas and liquid pipelines (along a corridor) from Sasol Synfuels in Secunda (Mpumalanga) to Sasol Infrachem and Natref in Sasolburg (Free State) on the Highveld in the Republic of South Africa.
 - A total of three farmstead complexes, 11 historical houses and 14 burial grounds were identified along the proposed pipeline corridor (Pistorius, 2008).
 - These sites are situated approximately 13 km to the north of the Zandbaken Project area.

4.5 Interested and Affected Parties

As part of the public participation process (PPP), stakeholders and Interested and Affected Parties (I&APs) were identified and are currently being notified of the proposed development. The following landowners have been identified and were notified of the proposed development in early November 2012:

Land Owners	Property
Directly Affected	Directly Affected
Mr Lane Reynolds	Zandbaken 585 IR Portion 1
Mr Ampie Cronje	Zandbaken 585 IR Portion 5
	Sandbaken 363 IS Portion 1
	Sandbaken 363 IS Portion 2
	Sandbaken 363 IS Portion 3
Mr Dick Kerslake	Sandbaken 363 IS Portion 4
	Sandbaken 363 IS RE
Mr Charles Sutcliffe	Bosmans Spruit 364 IS Portion 3

The remaining directly affected stakeholders such as the landowners neighbouring the project area, will be notified via registered mail and hand delivery in mid-November 2012. All other stakeholders will be notified through email correspondence and provided with a Background Information Document (BID) in mid-November 2012.

The stakeholders listed in Table 4-3 below are not exhaustive, but list those who have to date been identified. The PPP requests that identified stakeholders supply Digby Wells with information of any additional I&APs. Stakeholders are further invited to comment on the proposed development. Stakeholders are further invited to comment on the proposed development. All comments will be noted by Digby Wells' PPP department. All comments regarding heritage resources will be referred to the relevant specialist.

Table 4-3: Identified stakeholders and I&APs for the Zandbaken Project

Name	Company
National	
Nikisi Lesufi	Chamber of Mines South Africa
David Kleyn	Department of Agriculture, Forestry and Fisheries
Langa Zitha	Department of Agriculture, Forestry and Fisheries
Stanford Mofore	Department of Economic Development, Environment and Tourism
Norman Mokoena	Department of Economic Development, Environment and Tourism

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Name	Company
Dumisani Makhubela	Department of Health
Agnes Moila	Department of Labour
Abraham Maphoso	Department of Mineral Resources
Kgopana Mohlasedi	Department of Public Works, Roads and Transport
Moses Mahunonyane	Department of Water Affairs
Dovhani Siganunu	Department of Water Affairs
Molefe Morokane	Department of Water Affairs
Fanyana Mntambo	Department of Water Affairs
Ramsook Loykisoonal	National Department of Health
Phillip Hine	South African Heritage Resources Agency (SAHRA)
Andre Beegte	South African National Biodiversity Institute (SANBI)
Jayshree Govender	South African National Roads Agency Limited
Agriba Sibanyoni	South African National Roads Agency Limited
Busisiwe Mlambo	South African National Roads Agency Limited
April Leketa	Telkom
Vere van Vuuren	Telkom SA
Zebulon Maroga	Transnet
Robert Bulderen	Transnet Pipelines Servitude
Provincial	
Koot Claasen	Mpumalanga Agricultural Union
Phindile Shezi	Mpumalanga Regional Land Claims Commission
Hannes Botha	Mpumalanga Tourism and Parks Agency
Andre Hoffman	Mpumalanga Tourism and Parks Agency
Vaino Prinsloo	Mpumalanga Tourism and Parks Agency

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Name	Company
Dries Fella	Telkom Witbank (CNFO)
District	
C Habile	Gert Sibande District Municipality
M Nhlabathi	Gert Sibande District Municipality
Local	
Aubrey Maboja	Lekwa Local Municipality
Robert Mkhabela	Lekwa Local Municipality
Caroline Morajane	Lekwa Local Municipality
Interested and Affected Parties	
N.L Bosman	Agri Mpumalanga
Gert Smit	Agri SA (Agri Mpumalanga)
Lampies Lamprecht	Anglo American Thermal Coal
Jacob Du Plessis	Anglo American Thermal Coal
Elize Tempelhof	Beeld Newspaper
Carolyn Verdoorn	Birdlife South Africa
Martin Creamer	Engineering News & Mining Weekly
George Monyeke	Environmental Justice Networking Forum
Koos Pretorius	Escarment Environment Protection Group (EEPG)
Andre Botha	EWT
Yolanda Friedman	EWT
Anique Greyling	EWT
Mariette Liefferink	Federation for a Sustainable Environment
At Nel	Green Trust
Rico Euripdou	GroundWork-Friends of the Earth South Africa

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Name	Company
Jethro Solomon	Homeland Mining & Energy SA
Tom Nkoana	Ikangala Water Board
Nomfundo Gobodo	Legal Resources Centre
S Nkosi	MDRDLR
Xolani Mashabane	MDRDLR
Zaheeb Khan	Middleburg Herald
Tobie van der Berg	Middleburg Observer/ Daller
Bongani Hlatshwayo	Mpumalanga News
Mr Gondo	NAFU
Motsepe Matlala	NAFU-SA
Piet Coetzee	Oil Pollution Control of SA (OPCSA)
Breton Parrot	Olifants Catchment Environmental Protection Group
Marianna Nieuwoudt	Olifants River Forum
Len Govender	Petronet
Liezel Lange	Rapport
Riana de Lange	Sake 24
Vusi Ndlovu	Sowetan
Willie Bokala	Sowetan Newspaper
Yolandi Nel	Streeknuus
Liesel Venter	The Citizen
Jessica Bezuidenhout	The Sunday Times
Piet Kemp	Transvaal Agricultural Union of SA
Andries Janse van Rensburg	Transvaalse Landou Agriculture Unie (TLU)
Kim Webb	WESSA

Name	Company
Garth Barnes	WESSA
Carla Hudson	WESSA
Karin Marx	WESSA
Barry Hertzog	Witbank Agricultural Union
Amanda Botha	Witbank News
Richard Worthington	WWF South Africa
Directly Affected Parties	
Ampie Cronje	Abraham Hermanus Cronje
Ampie Cronje	AH Cronje Trust
Nina	Dick Kerlake Family Trust
Lane Reynolds	Lane Reynolds Trust
Ampie Cronje	PJ and Seuns (Pty) Ltd
Charles Sutcliffe	Sutcliffe Family Trust
XC Mashabane	Republic of South Africa
Mr P.R Smith	Smith Philippus Viljoen
Mr Lucas Klopper	Klopper Lucas Cornelius Johannes
Jan Vermaas	LukieVermaas Trust
Orrie Exteen	Meeding (Pty) Ltd

4.6 Screening Site Visit

No screening site visit was conducted at the time of this submission therefore all information contained in this Heritage Statement is based on desktop research.

5 SUMMARY OF IDENTIFIED HERITAGE RESOURCES

5.1 Site Plan










The distribution of identified heritage resources within the project area is depicted in (Plan 8).

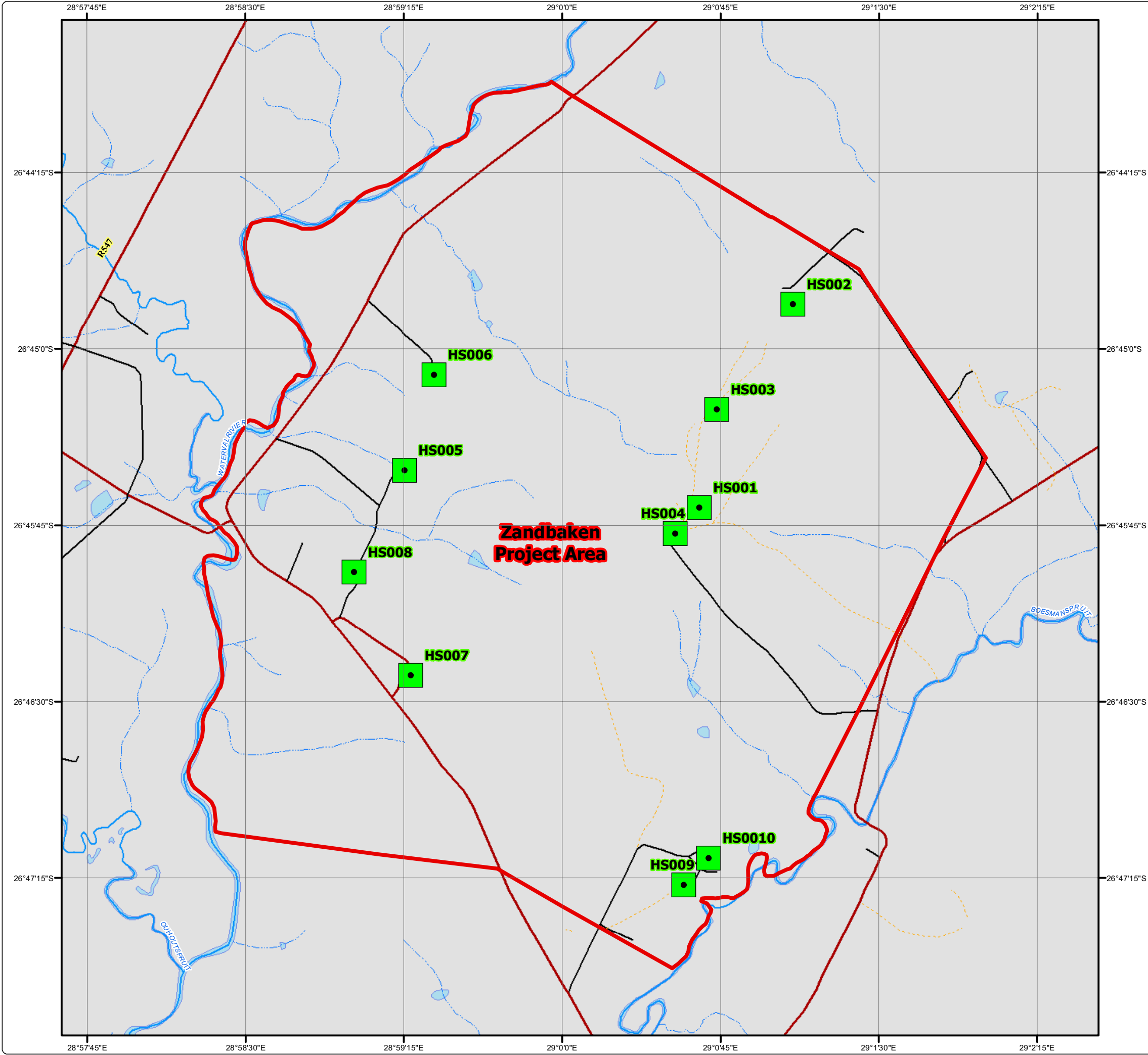
5.2 Built Environment

Nine homesteads and one kraal were identified from the historical aerial photographs from 1953 (Plan 8).

EIA/EMPR for Zandbaken Project Heritage Resources

Legend

-  Heritage Resources
-  Project Area
-  Arterial / National Route
-  Main Road
-  Minor Road
-  Tracks
-  Perennial Stream
-  Non-Perennial Steam
-  Dam / Lake



Map Ref:
Historical Aerial Photographs (1953)



Projection: Transverse Mercator Ref #: tdm.XST1716.201210.145
 Datum: Cape Revision Number: 1
 Central Meridian: 29°E Date: 22/10/2012

