



## NOTIFICATION OF INTENT TO DEVELOP

**LEDET**            12/1/9/2-W40  
**Reference:**

**DEA**                12-9-11-L  
**Reference:**

**Digby Wells**    VEN 1590  
**Reference:**

### HERITAGE STATEMENT FOR DALYSHOPE PROJECT, 2327 CA & 2327 CB, DALYSHOPE 232 LQ, KLAARWATER 231 LQ, LIMPOPO PROVINCE

#### 1 INTRODUCTION

Digby Wells Environmental (hereafter Digby Wells) has been requested by Anglo American Thermal Coal (AATC) to submit a Heritage Statement for

Dalyshope Project: Phase 1 NEMA Application

#### 1.1 Project Location

<b>Name of property</b>	Dalyshope Thermal Coal Project
<b>Erf or farm numbers</b>	Dalyshope 232 LQ Klaarwater 231 LQ
<b>Coordinates of approximate centre of project area</b>	S 23.548357
	E 27.249316
<b>Nearest Town</b>	Steenbokpan (15 km) Lephalale (52 km)
<b>Responsible Municipality</b>	Waterberg District Municipality
<b>Extent of property</b>	1 630.51
<b>Maximum extent of proposed development</b>	Mine plan not available yet
<b>Current use</b>	Mixed agriculture and game farming

Digby Wells & Associates (Pty) Ltd. Co. Reg. No. 1999/05985/07. Fern Isle, Section 10, 359 Pretoria Ave Randburg  
 Private Bag X10046, Randburg, 2125, South Africa  
 Tel: +27 11 789 9495, Fax: +27 11 789 9498, [info@digbywells.com](mailto:info@digbywells.com), [www.digbywells.com](http://www.digbywells.com)

Directors: AR Wilke, LF Koeslag, PD Tanner (British)\*, AJ Reynolds (Chairman) (British)\*, J Leaver\*, GE Trusler (C.E.O)  
 \*Non-Executive

<b>Current use</b>	Mixed agriculture and game farming
<b>Predominant land use/s of surrounding properties</b>	Grazing, crops, hunting tourism, farm residences

## 1.2 Registered Owner of Properties

<b>Dalyshope 232 LQ and Klaarwater 231 LQ</b>	
<b>Company:</b>	Anglo America Thermal Coal
<b>Contact Person:</b>	Ms Shelley Currin
<b>Tel no:</b>	(011) 638 3248
<b>Fax no:</b>	(011) 638 5575
<b>Cellular no:</b>	(072) 210 2085
<b>E-mail address:</b>	shelley.currin@angloamerican.com
<b>Postal address:</b>	PO Box 61587, Marshalltown, Johannesburg, 2000

## 2 PROJECT/DEVELOPMENT DETAILS

The Dalyshope Project is divided into two phases and the current scope of work includes only Phase 1. The first phase of operation will be to supply coal to a local Independent Power Producer (IPP). This phase will require limited infrastructure. Phase 1 will be an open-cast strip mining operation on the farms Klaarwater 231 LQ and Dalyshope 232 LQ in which selective mining techniques will be employed and combined with roll-over mining. Processing and handling of material will include coal being road hauled to a pit-head tip, transported an overland conveyor to the IPP and limited stacking of carbonaceous material.

Infrastructure in addition to the open-cast mine will include:

- Administrative and operational infrastructure. This could include:
  - Parking;
  - Office buildings; and
  - Store.
- Waste management infrastructure. This could include:
  - Discard dump;
  - Pit waste dump;
  - Subsoil dump;

- Topsoil dump;
- Overburden dump; and/or
- Mining waste and recycle yard.
- Infrastructure associated with water supply. This could include:
  - Pollution control dams;
  - Construction dam;
  - Raw water dam;
  - Stormwater dam; and/or
  - Water pollution dam.
- Electricity infrastructure; and
- Access roads.

## 2.1 NHRA Section 38 Triggers

The following activities may require a HIA in terms of Section 38 of the NHRA.

		NHRA Section 38 (1) Activities / Triggers		Summary description (E.g. 500 m conveyor belt, open cast pit, etc.)
<input checked="" type="checkbox"/>	a	Any linear development or barrier >300 m		Haul roads, conveyor belt, powerlines
<input type="checkbox"/>	b	Any bridge or similar structure >50 m		
<input checked="" type="checkbox"/>	c	Any development or activity that will change the character of a site:		Opencast mine
	<input type="checkbox"/>	i	≥5 000m <sup>2</sup> in extent	
	<input type="checkbox"/>	ii	Involving ≥3 existing erven/subdivisions	
	<input type="checkbox"/>	iii	Involving ≥3 or more erven/divisions consolidated within past 5 years.	
<input type="checkbox"/>	d	Rezoning of a site ≥10 000m <sup>2</sup> in extent.		
<input checked="" type="checkbox"/>	e	Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)		MPRDA and NEMA

## 2.2 Activities

The following Listed Activities will require a HIA in terms of Section 38(1) of the NHRA.

Government Notice (GN)	NEMA Activity No.	NHRA Trigger	Description	Expected duration/phase
R544	10	38(1)(a)	The construction of a powerline or other similar form of linear development exceeding 300 m in length.	Construction phase
R544	22	38(1)(a)	The construction of a road or other similar form of linear development exceeding 300 m in length.	Construction phase
R545	8	38(1)(a)	The construction of a powerline or other similar form of linear development exceeding 300 m in length.	Construction phase

## 2.3 Additional Impact Assessment Process

The following impact assessment processes are currently being undertaken for the proposed project.

Legislation, i.e. NEMA, MPRDA, etc.	MPRDA and NEMA
Consenting Authority that has/will receive information	DMR and DEA
Present phase of process at Authority, e.g. Draft Scoping Report	Draft Scoping Report

## 3 IDENTIFIED/KNOWN HERITAGE RESOURCES AND POTENTIAL IMPACTS

The following categories of heritage resources as defined in Section 3 of the NHRA are known to occur within the proposed project area.

<input type="checkbox"/>	<b>3(2)(a)</b>	<b>Places, buildings, structures and equipment of cultural significance</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(b)</b>	<b>Places to which oral traditions are attached or which are associated with living</b>



		<b>heritage</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(c)</b>	<b>Historical settlements and townscapes</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(d)</b>	<b>Landscapes and natural features of cultural significance</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(e)</b>	<b>Geological resources of scientific or cultural importance</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input checked="" type="checkbox"/>	<b>3(2)(f)</b>	<b>Archaeology and/or palaeontology (Including archaeological sites and material, fossils, rock art, battlefields &amp; wrecks)</b>
		<i>Description of resource:</i> Stone Age lithics and Iron Age ceramics
		<i>Potential impact:</i> Possible destruction and/or alteration of subsurface archaeological and palaeontological resources and unknown resources through ground clearance and construction
<input checked="" type="checkbox"/>	<b>3(2)(g)</b>	<b>Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves &amp; cemeteries)</b>
		<i>Description of resource:</i> Graves present on Wynberg 215 LQ
		<i>Potential impact:</i> Possible destruction and/or damage to known and unknown graves on the properties through ground clearance and construction
<input type="checkbox"/>	<b>3(2)(a)</b>	<b>Other human remains</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(h)</b>	<b>Sites of significance relating to the history of slavery in South Africa</b>
		<i>Description of resource:</i>



		<i>Potential impact:</i>
<input type="checkbox"/>	<b>3(2)(i)</b>	<b>Movable objects</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>

### 3.1 Illustrative Material

Plan 2 on Page 8 illustrates the regional setting of the Dalyshope Project area.

For additional maps, please refer to the attached Heritage Statement.



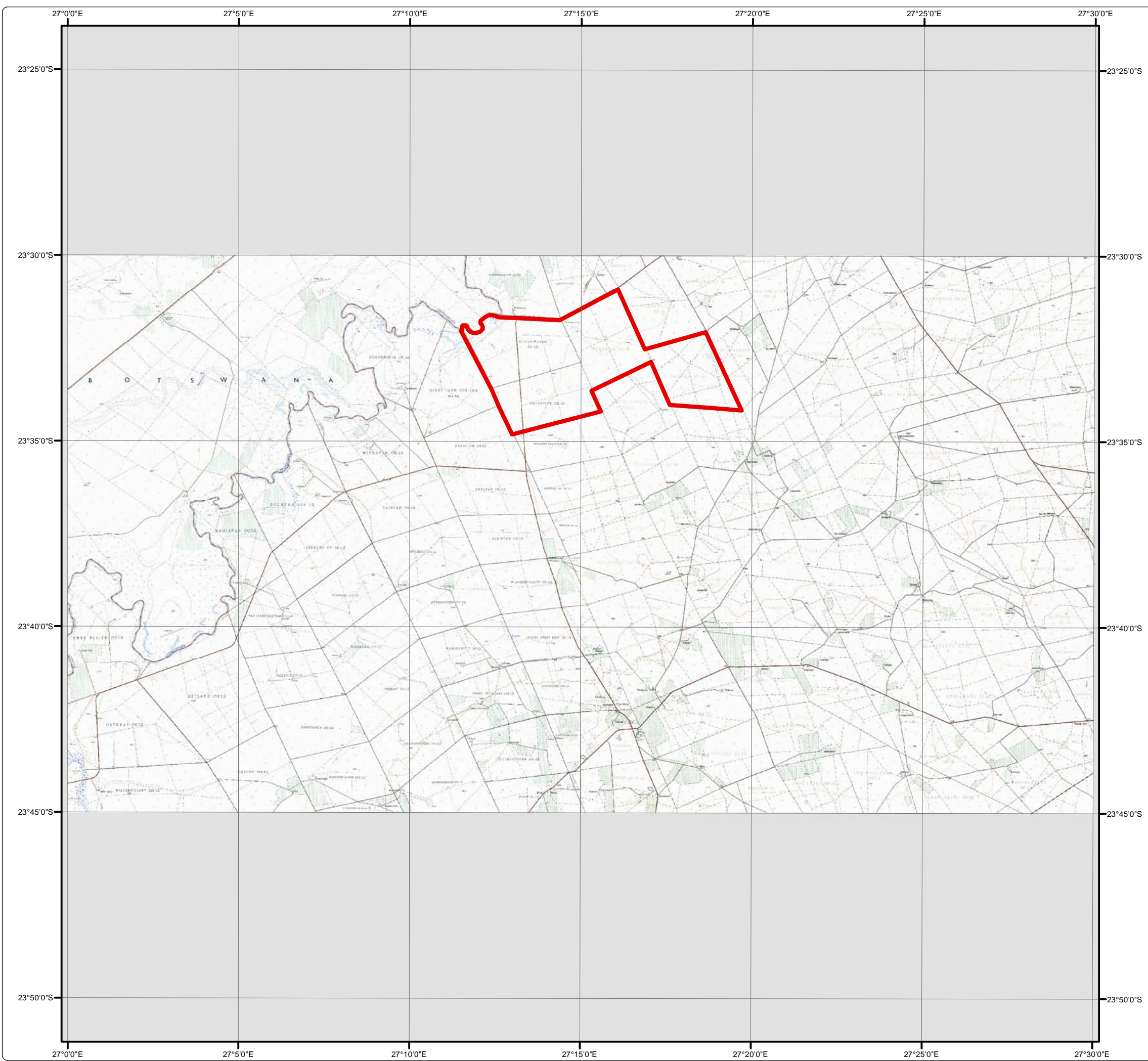
## 4 RECOMMENDATION

Is a Heritage Impact Assessment required?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If NO, provide motivation:			
If YES, provide suggested components that may be required or undertaken during HIA.			
<input checked="" type="checkbox"/>	Archaeology	<input type="checkbox"/>	Architecture
<input type="checkbox"/>	Built Environment	<input checked="" type="checkbox"/>	Burial Grounds and Graves
<input checked="" type="checkbox"/>	Palaeontology	<input type="checkbox"/>	Public Participation
<input type="checkbox"/>	Townscapes	<input type="checkbox"/>	Visual Impact
<input checked="" type="checkbox"/>	Other: It is recommended that the archaeological and palaeontological components of the HIA be completed on the proposed development footprints in the Phase 1 project area.  A focussed Burial Grounds and Graves Census is recommended for the entire Phase 1 project area.		
<b>Recommendation made by: Digby Wells Environmental</b>			
<b>Name:</b> Shahzaadee Karodia and Johan Nel			
<b>Capacity:</b> Archaeology Consultant and HRM Unit Manager			

# Anglo Coal Dalyshope ESI A Topographical Map 1:50 000

## Legend

 Project Area



2327CA Hardekraaltjie  
2327CB Steenbokpan



[www.digbywells.com](http://www.digbywells.com)

Projection: Transverse Mercator Ref #: scc.VEN1590.201210.238  
Datum: Hartebeesthoek 1994 Revision Number: 1  
Central Meridian: 27°E Date: 31/10/2012

