



## NOTIFICATION OF INTENT TO DEVELOP

DMR 30/5/1/2/2/10061

Digby Wells MSO1805

Reference:

Reference:

## HERITAGE STATEMENT FOR THE CONSBREY COLLIERY

### 1 INTRODUCTION

Digby Wells Environmental (hereafter Digby Wells) has been requested by Msobo Coal (Pty) Ltd (hereafter Msobo Coal) to submit a Heritage Statement for the following:

- Consbrey Colliery Project

#### 1.1 Project Location

<b>Name of property/ies</b>	Consbrey Colliery
<b>Street address or location (e.g.: Off R44)</b>	Off N11, near Breyten
<b>Erf or farm number/s</b>	Morgenster 204 IS Portion 2 Morgenster 204 IS Portion 3 Opgoedehoop 205 IS Portion 3 Opgoedehoop 205 IS Portion 4 Opgoedehoop 205 IS Portion 5 Opgoedehoop 205 IS Portion 6 Opgoedehoop 205 IS Portion 13 Welgemeend 206 IS Portion 5 Welgemeend 206 IS Portion 6 Smutsoog 214 IS Portion 3 Bankfontein 215 IS Portion 1 Bankfontein 215 IS Portion 2 Bankfontein 215 IS Portion 4 Bankfontein 215 IS Portion 6 Dwarstrek 216 IS RE

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



	Dwarstrek 216 IS Portion 1 Dwarstrek 216 IS Portion 2 Dwarstrek 216 IS Portion 3 Dwarstrek 216 IS Portion 6 Bosmanskrans 217 IS Portion 1 Bosmanskrans 217 IS Portion 5 Dewittekrans 218 IS RE Dewittekrans 218 IS Portion 3 Dewittekrans 218 IS Portion 9 Hartbeestfontein 239 IS Portion 1 Hartbeestfontein 239 IS Portion 5 Hartbeestfontein 239 IS Portion 6 Klipfontein 241 IS Portion 1
<b>Coordinates of approximate centre of project area</b>	Latitude: -26.243919°
	Longitude: 29.869656°
<b>Town or District</b>	Carolina
<b>Responsible Municipality</b>	Gert Sibande District Municipality
<b>Extent of property</b>	10 000 ha
<b>Maximum extent of proposed development</b>	1896.2 ha
<b>Predominant land use/s of surrounding properties</b>	Agriculture, residential, mining



## 1.2 Registered Owners of Properties

Name	Property	Notified
Karel Pieter Landman	Mongerster 204 IS Portion 2	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
George Daniel Lambrechts	Mongerster 204 Portion 3	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Unknown	Opgoedehoop 205 IS Portion 3	No: contact details were unavailable
Unknown	Opgoedehoop 205 IS Portion 4	No: contact details were unavailable
Libomvu Mkhweli Pondwe - Trustee	Welgemeend 206 IS Portion 5	No: contact details were unavailable
Hannelie Botha	Welgemeend 206 IS Portion 6	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
National Government of the Republic of South Africa	Smutsoog 214 IS Portion 3	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Dyndre Prop CC	Bankfontein 215 IS Portion 1	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
National Government of South Africa	Bankfontein 215 IS Portion 2	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email



Name	Property	Notified
National Government of the Republic of South Africa	Bankfontein 215 IS Portion 4	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Bank Appels Boerdery Pty Ltd	Bankfontein 215 IS Portion 6	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
M J C van der Merwe Beleggings Trust	Dwarstrek 216 IS RE	No: contact details were unavailable
Dirk Steyn Testamentere Trust	Dwarstrek 216 IS Portion 1	No: contact details were unavailable
National Government of the Republic of South Africa	Dwarstrek 216 IS Portion 2	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Adam Van Niekerk Trust	Dwarstrek 216 IS Portion 3	No: contact details were unavailable
National Government of the Republic of South Africa	Dwarstrek 216 IS Portion 6	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Alettha Catharina Roux	Bosmanskrans 217 IS Portion 1	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
	Bosmanskrans 217 IS Portion 5	
Anvin Beleggings Trust	Dewittekrans 218 IS RE	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email



Name	Property	Notified
Vincent Schulze	Dewittekrans 218 IS Portion 3	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Jacobus Samuel Landman	Dewittekrans 218 IS Portion 9	Yes: notified on 2013-03-04 through a notification letter, telephone call, post and email
Coko Trust	Hartbeestfontein 239 IS Portion 1	No: contact details were unavailable
Mgudlwa Communal Prop Association	Hartbeestfontein 239 IS Portion 5	No: contact details were unavailable
Mrabheli Communal Prop Association	Hartbeestfontein 239 IS Portion 6	No: contact details were unavailable
National Government of South Africa	Klipfontein 241 IS Portion 1	No: contact details were unavailable

The land owners who have not been notified as yet will be notified during the course of the EIA.

## 2 PROJECT DETAILS

The Consbrey Project is proposed to be an extension of Msobo Coal's existing Tselentis operation in Mpumalanga. Both underground and opencast mining methods are proposed for the Consbrey area. The proposed project area is currently a greenfield area (not including the current prospecting activities). The site was granted prospecting rights in 2008 under the previous ownership of Xstrata Coal (then known as Duiker Mining).

### 2.1 NHRA Section 38 Triggers

The following aspects of Section 38 of the NHRA may be triggered by the proposed project.

		<b>NHRA Section 38 (1) Activities/Triggers</b>	<b>Summary description (E.g. 500 m conveyor belt, open cast pit, etc.)</b>
<input checked="" type="checkbox"/>	a	<b>Any linear development or barrier &gt;300 m</b>	The construction of infrastructure such as haul roads, pipelines and storm water diversion beams
<input type="checkbox"/>	b	<b>Any bridge or similar structure &gt;50 m</b>	
<input checked="" type="checkbox"/>	c	<b>Any development or activity that will change the character of a site:</b>	
	<input checked="" type="checkbox"/>	<b>i</b> $\geq 5\,000\text{m}^2$ in extent	The excavations for the opencast and underground mining activities
	<input checked="" type="checkbox"/>	<b>ii</b> Involving $\geq 3$ existing erven/subdivisions	Opencast pit and underground mine
	<input type="checkbox"/>	<b>iii</b> Involving $\geq 3$ or more erven/divisions consolidated within past 5 years.	
<input type="checkbox"/>	d	<b>Rezoning of a site <math>\geq 10\,000\text{m}^2</math> in extent.</b>	
<input checked="" type="checkbox"/>	e	<b>Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)</b>	

## 2.2 Activities

The following activities will take place during the lifespan of the proposed project.

<b>NHRA Trigger</b>	<b>Description</b>	<b>Expected duration/phase</b>
38(1)(c)(i)	Site clearing and the removal of topsoil and vegetation	Construction Phase
38(1)(a)	The construction of infrastructure such as haul roads, pipelines and storm water diversion beams	Construction Phase
38(1)(c)(i) & 38(1)(c)(ii)	The excavations for the opencast and underground mining activities	Construction Phase
38(1)(c)(i) & 38(1)(c)(ii)	Deep excavations for the opencast and underground mining activities	Operational Phase
38(1)(c)(i) & 38(1)(c)(ii)	Blasting	Operational Phase
38(1)(c)(i) & 38(1)(c)(ii)	Air emissions	Operational Phase

## 2.3 Additional Impact Assessment Process

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

<b>Legislation, i.e. NEMA, MPRDA, etc.</b>	<b>Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)</b>
<b>Consenting Authority that has/will receive information</b>	<b>Department of Mineral Resources (DMR)</b>
<b>Present phase of process, e.g. Draft Scoping Report</b>	<b>Scoping Report</b>

### 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"/>	3(2)(a)	<b>Places, buildings, structures and equipment of cultural significance</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input checked="" type="checkbox"/>	3(2)(b)	<b>Places to which oral traditions are attached or which are associated with living heritage</b>
		<i>Description of resource:</i> Tangible heritage resources such as farmsteads or <i>werwe</i>
		<i>Potential impact:</i> Destruction or alteration of tangible heritage resources
<input checked="" type="checkbox"/>	3(2)(c)	<b>Historical settlements and townscapes</b>
		<i>Description of resource:</i> Historical town of Breyten
		<i>Potential impact:</i> No project related impacts expected
<input type="checkbox"/>	3(2)(d)	<b>Landscapes and natural features of cultural significance</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input checked="" type="checkbox"/>	3(2)(e)	<b>Geological resources of scientific or cultural importance</b>
		<i>Description of resource:</i> The Permian rocks within the Karoo Basin are of palaeontological fossils. Fossil plants such as the Glossopteris are often found in these rocks.
		<i>Potential impact:</i> The destruction of geological resources such as non-economic shales, mudstone layers or lenses between the coal seams that may contain palaeontological resources.
<input checked="" type="checkbox"/>	3(2)(f)	<b>Archaeology and/or palaeontology (Including archaeological sites and material, fossils, rock art, battlefields &amp; wrecks)</b>
		<i>Description of resource:</i> Stone Age, Iron Age, and historical resources such as features associated with the Anglo-Boer Wars, and fossils
		<i>Potential impact:</i> The destruction and/or alteration of Stone Age, Iron Age, and historical resources and of subsurface fossils.





<input checked="" type="checkbox"/>	3(2)(g)	<b>Graves and burial grounds (e.g.: ancestral graves, graves of victims of conflict, historical graves &amp; cemeteries)</b>
		<i>Description of resource:</i> Historic and contemporary burial grounds and graves
		<i>Potential impact:</i> The destruction and/or alteration of burial grounds and graves.
<input type="checkbox"/>	3(2)(a)	<b>Other human remains</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(h)	<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"/>	3(2)(i)	<b>Movable objects</b>
		<i>Description of resource:</i>
		<i>Potential impact:</i>

### 3.1 Illustrative Material

Plan 2 on Page 11 illustrates the local setting of the Consbrey Project area. The current mine plans are illustrated in Plan 12 on Page 12.

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 checked="" type="checkbox"/>	Built Environment	<input checked="" type="checkbox"/>	Burial Grounds and Graves
<input checked="" type="checkbox"/>	Palaeontology	<input checked="" type="checkbox"/>	Public Participation
<input type="checkbox"/>	Townscapes	<input checked="" type="checkbox"/>	Visual Impact
<input type="checkbox"/>	Other:		
<b>Recommendation made by:</b>			
<b>Name:</b> Shahzaadee Karodia and Johan Nel			
<b>Capacity:</b> Archaeology Consultant and Unit Manager: HRM – Digby Wells Environmental			



# Msobo Coal Consbrey Project

Regional Setting  
1:50000

## Legend

 Consbrey Project Area

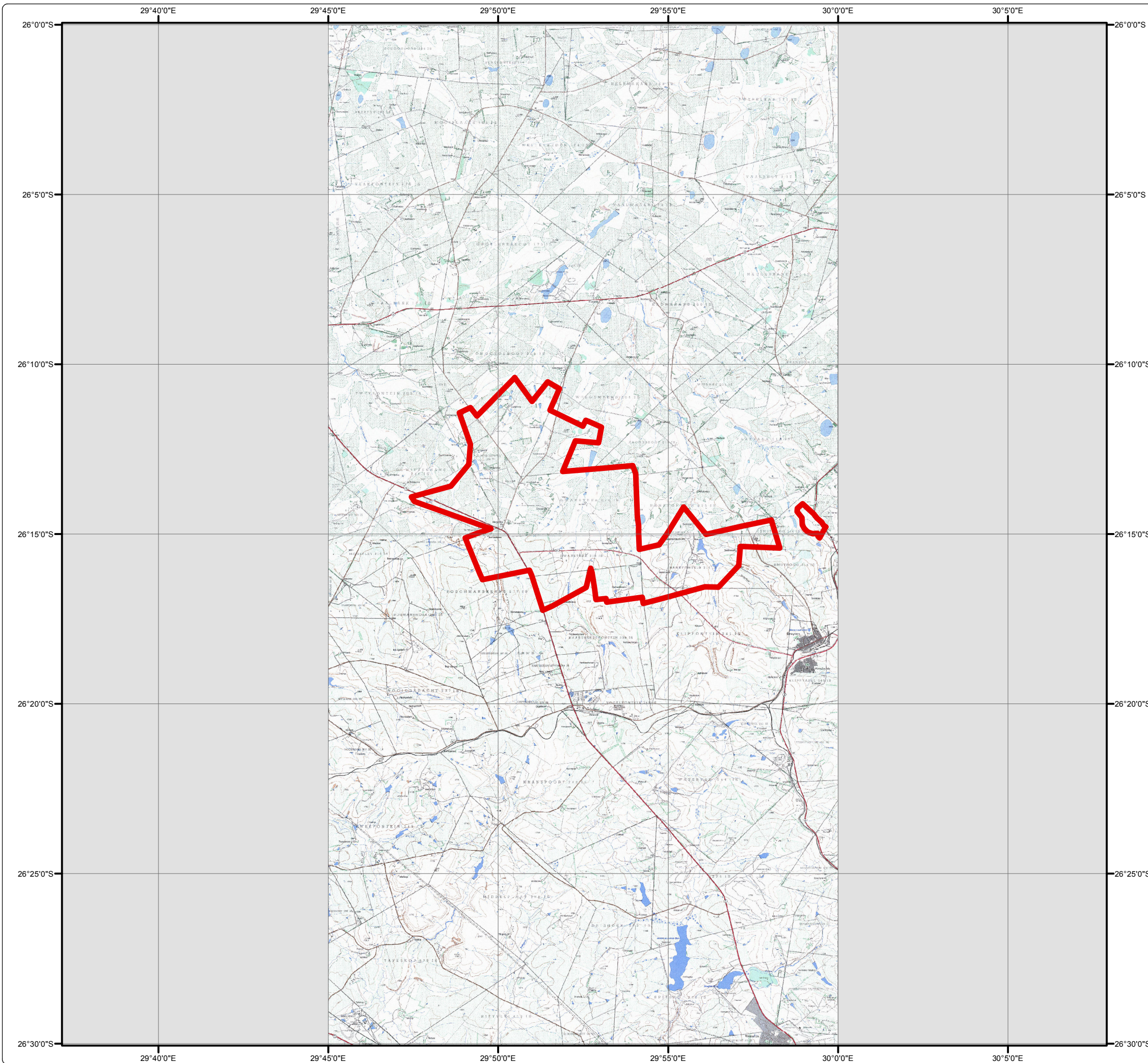
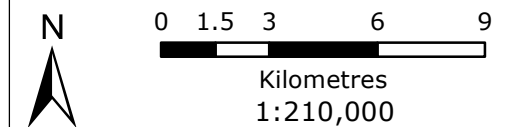
**2629BD Breyten**  
**2629BB Kromkrans**



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Datum: WSG 1984 Revision Number: 1  
Date: 27/02/2013

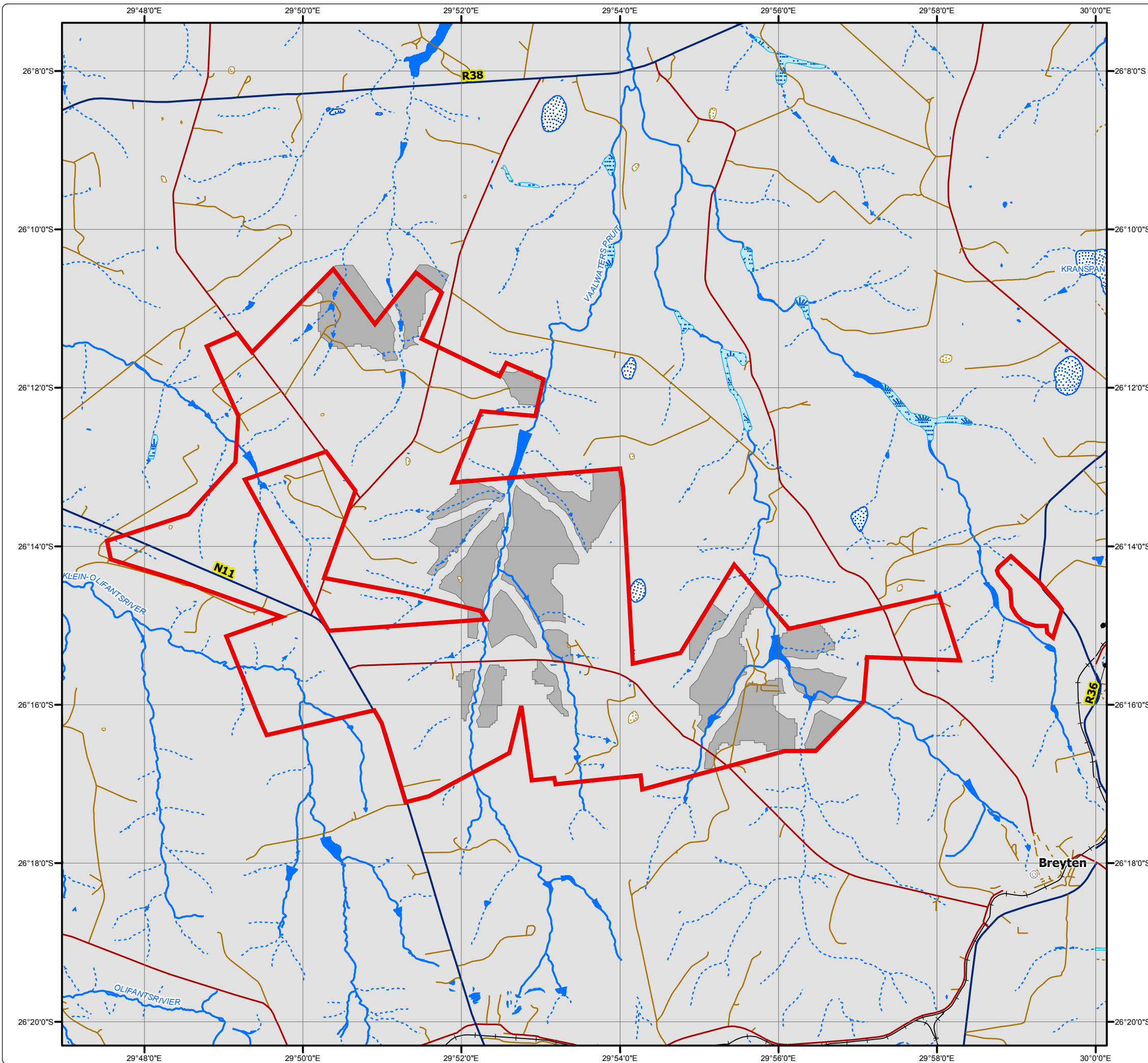




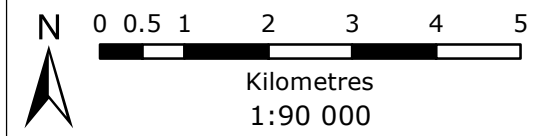
# Msobo Coal Consbrey Project Opencast Areas

## Legend

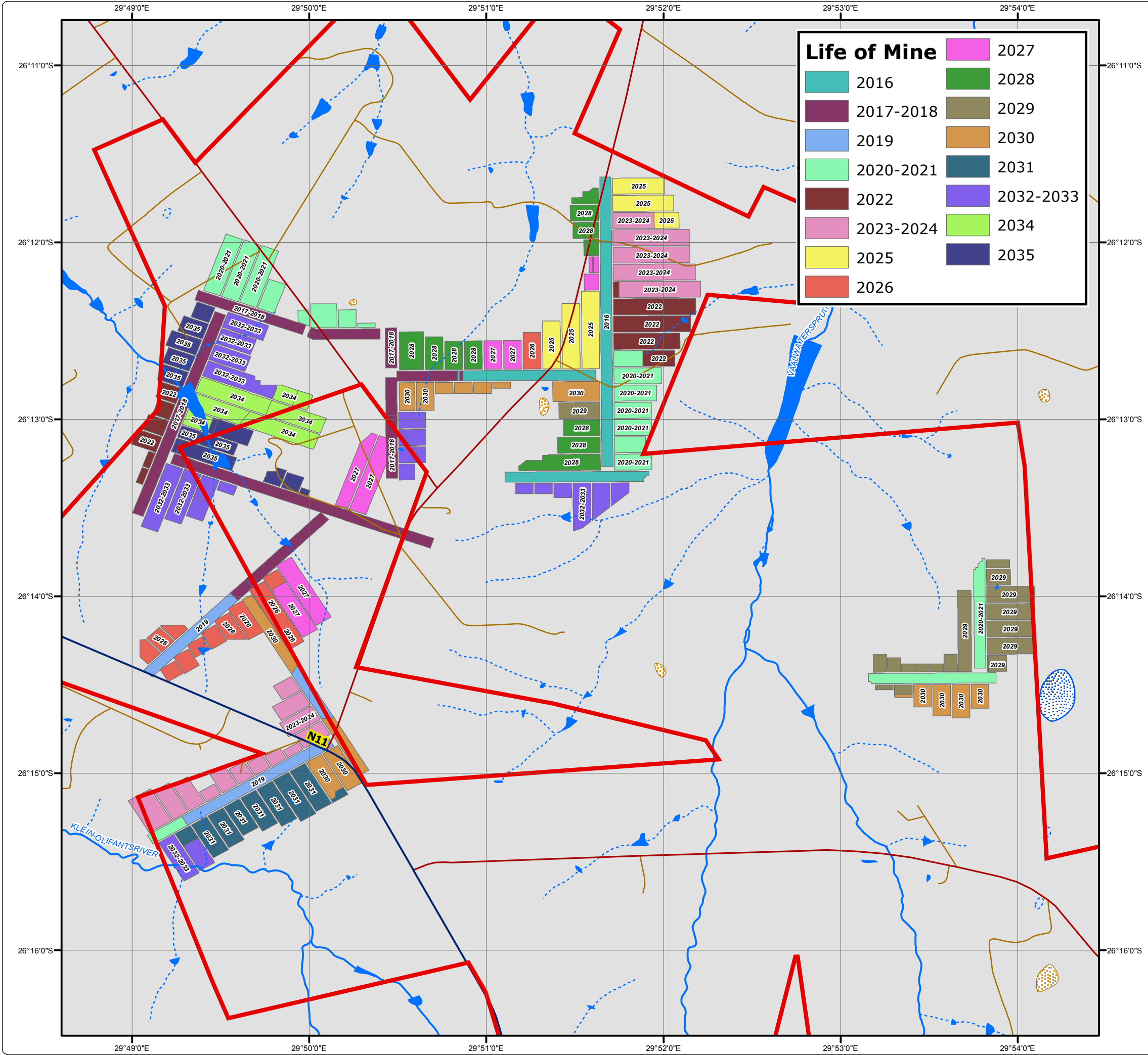
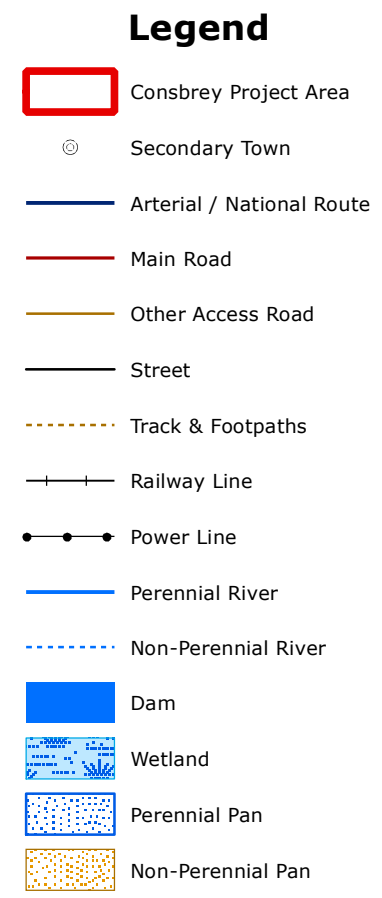
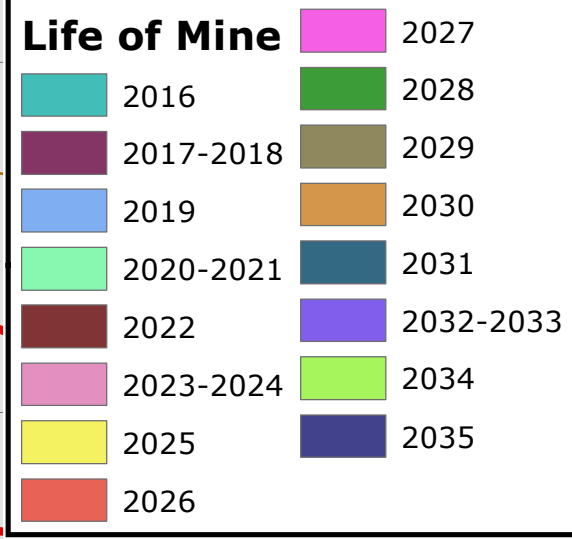
-  Consbrey Project Area
-  Opencast Areas
-  Secondary Town
-  Arterial / National Route
-  Main Road
-  Other Access Road
-  Street
-  Track & Footpaths
-  Railway Line
-  Power Line
-  Perennial River
-  Non-Perennial River
-  Dam
-  Wetland
-  Perennial Pan
-  Non-Perennial Pan



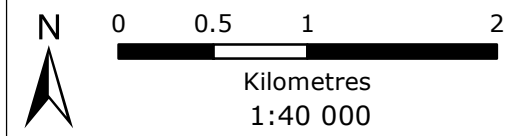
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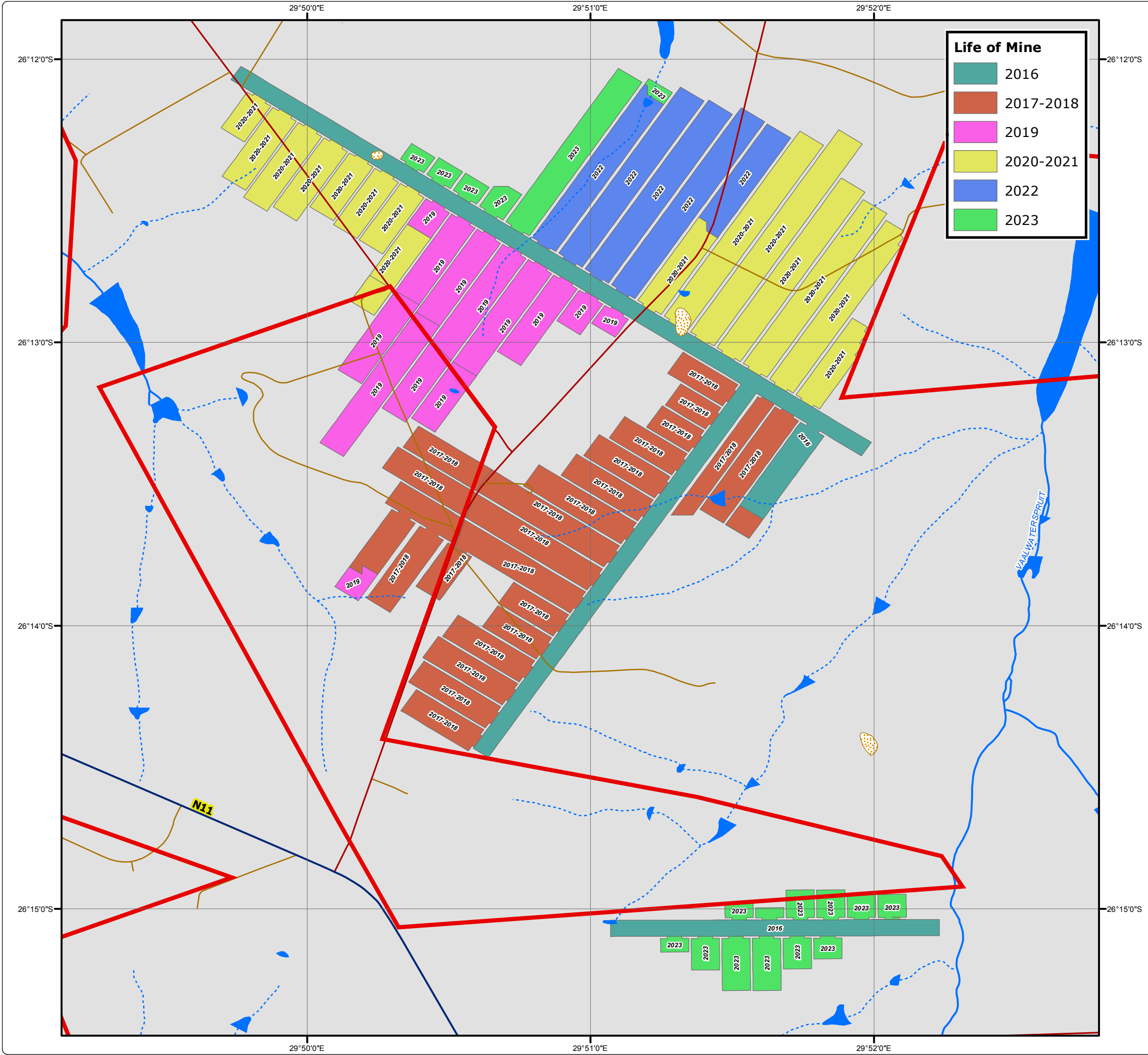
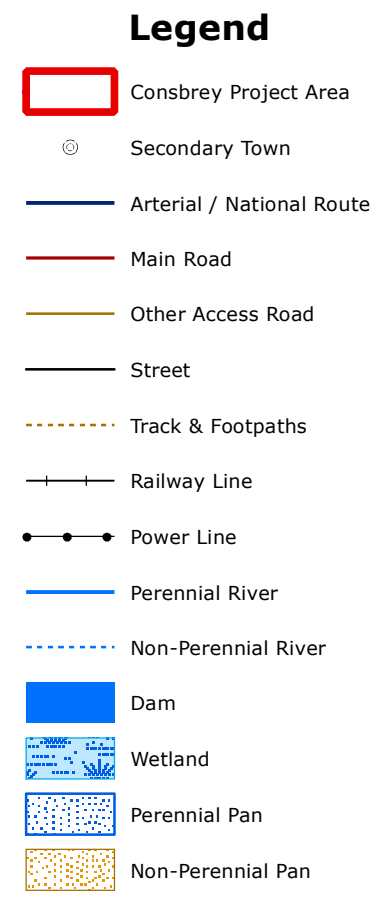
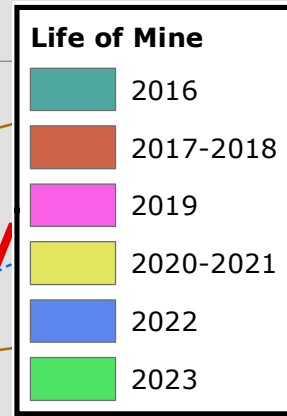
# Msobo Coal Consbrey Project Underground B Seam LOM



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 Date: 27/02/2013



# Msobo Coal Consbrey Project Underground C Seam LOM



Geographic Coordinate System Ref #: scc.MSO1805.201302.142  
Datum: WSG 1984 Revision Number: 1  
Date: 27/02/2013

