



## NOTIFICATION OF INTENT TO DEVELOP

**DMR Reference:** LP30/5/1/1/2/10667PR;  
 LP30/5/1/1/2/10668PR;  
 LP30/5/1/1/2/10804PR;  
 LP30/5/1/1/2/10805PR;  
 LP30/5/1/1/2/10806PR;  
 LP30/5/1/1/2/10807PR;  
 LP30/5/1/1/2/10808PR;  
 LP30/5/1/1/2/10809PR;  
 LP30/5/1/1/2/10810PR

**Digby Wells Reference:** PLA2162

## PLATINUM GROUP METALS WATERBERG PROSPECTING PROJECT

### 1 INTRODUCTION

Digby Wells Environmental (hereafter Digby Wells) has been requested by Platinum Group Metals (PGM) to submit to compile and submit Environmental Management Plans (EMPs) in support of approved applications for the Prospecting Rights area.

#### 1.1 Project Location

<b>Total prospecting licence area</b>	168 170 ha/ 1681.704 km <sup>2</sup>
<b>Approximate centre of prospecting licence area</b>	Lat -23.2651 Long 28.8931
<b>Current use</b>	Agriculture and Grazing
<b>Predominant land use/s of surrounding properties</b>	Agriculture and Grazing
<b>LP30/5/1/1/2/10804PR</b>	
<b>Province</b>	Limpopo
<b>Magisterial District / Local Authority</b>	Capricorn District Municipality
<b>Municipality</b>	Blouberg Local Municipality

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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



<b>Property Name and Number</b>	Norma 365 LR RE, Norma 365 LR Ptn1, Uitkyk 394 LR RE , Uitkyk 394 LR Ptn 2, Schoongezicht 362 LR, Early Dawn 361, Old Langsine 360 LR, Barenen 152 LS, Langbryde 324 LR, Lomondside 323 LR, Ritterhouse 151 LS, Miltonduff 322 LR, Terwieschen 77 LS, Brodie Hill 76 LS, Wilhanshohe 78 LS
<b>1: 50 000 Map Sheet</b>	2328 BB Ka-Gobe 2328 BC Rebone 2328 BD Mahlwareng 2329 AC Bochum
<b>GPS Co-ordinates (relative centre point of study area)</b>	Lat -23.2777 Long 28.9825
<b>Project area size</b>	270.165788 km <sup>2</sup>
<b>LP30/5/1/1/2/10805PR</b>	
<b>Province</b>	Limpopo
<b>Magisterial District / Local Authority</b>	Capricorn District Municipality
<b>Municipality</b>	Blouberg Local Municipality
<b>Property Name and Number</b>	Bonne Esperance 356 LR, Too Late 359 LR, Mont Blanc 328 LR, Nieuwe Jerusalem 327 LR, Gallashiels 316 LR, Sweethome 315 LR, Blackhill 317 LR, Bognafuran 318 LR, Liepsig 264 LR RE, Liepsig 264 LR Ptn1, The Park 266 LR
<b>1: 50 000 Map Sheet</b>	2328 BB Ka-Gobe 2328 BD Mahlwareng
<b>GPS Co-ordinates (relative centre point of study area)</b>	Lat -23.2247 Long 28.8654
<b>Project area size</b>	223.021413 km <sup>2</sup>
<b>LP30/5/1/1/2/10668 PR and LP30/5/1/1/2/10808 PR</b>	
<b>Province</b>	Limpopo
<b>Magisterial District / Local Authority</b>	Waterberg District Municipality
<b>Municipality</b>	Mogalakwena Local Municipality



<b>Property Name and Number</b>	Niet Mogelyk 371 LR, Carlsruhe 390 LR, Polen 389 LR, Breda 373 LR, Duren 387 LR
<b>Magisterial District / Local Authority</b>	Capricorn District Municipality
<b>Municipality</b>	Blouberg Local Municipality
<b>Property Name and Number</b>	Disseldorp 369 LR, Bayswater 370 LR, Kirstenspruit 351 LR
<b>1: 50 000 Map Sheet</b>	2328 BC Rebone 2328 BD Mahlwareng
<b>GPS Co-ordinates (relative centre point of study area)</b>	Lat -23.371881 Long 28.762733
<b>Project area size</b>	158.713252 km <sup>2</sup>
<b>LP30/5/1/1/2/10667PR &amp; LP30/5/1/1/2/10809PR</b>	
<b>Province</b>	Limpopo
<b>Magisterial District / Local Authority</b>	Capricorn District Municipality
<b>Municipality</b>	Blouberg Local Municipality
<b>Property Name and Number</b>	Groenepunt 354 LR, Rosamond 357 LR, Millstream 358 LR
<b>1: 50 000 Map Sheet</b>	2328 BD
<b>GPS Co-ordinates (relative centre point of study area)</b>	Lat -23.3275 Long 28.8472
<b>Project area size</b>	62.9191 km <sup>2</sup>
<b>LP30/5/1/1/2/10810PR</b>	
<b>Province</b>	Limpopo
<b>Magisterial District / Local Authority</b>	Capricorn District Municipality
<b>Municipality</b>	Blouberg Local Municipality
<b>Property Name and Number</b>	Udney 321 LR, Millbank 325 LR
<b>1: 50 000 Map Sheet</b>	2328 BB 2328 BD



<b>GPS Co-ordinates</b> (relative centre point of study area)	Lat -23.2184 Long 28.9255
<b>Project area size</b>	42.098713 km <sup>2</sup>

## 1.2 Registered Owners of Properties

Name		Property	Prospecting Area	Notified <sup>1</sup>
Government Lebowa	Of	Barenen 152 LS	LP30/5/1/1/2/10804PR	Yes
Government Lebowa	Of	Bayswater 370 LR	LP30/5/1/1/2/1256PR & LP30/5/1/1/2/10808PR	Yes
Suid-Afrikaanse Ontwikkelingstrust		Beauley 260 LR	LP30/5/1/1/2/11286PR	Yes
Republiek Van Suid- Afrika		Berg-En-Dal 276 LR	LP30/5/1/1/2/10807PR	Yes
Government Lebowa	Of	Blackhill 317 LR	LP30/5/1/1/2/10805PR	Yes
Malaboch Tribe	Stam-	Bognafuran 318 LR	LP30/5/1/1/2/10805PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo		Bonne Esperance 356 LR	LP30/5/1/1/2/10805PR	Yes
Government Lebowa	Of	Breda 373 LR	LP30/5/1/1/2/10668PR & LP30/5/1/1/2/10808PR	Yes
Government Lebowa	Of	Brodie Hill 76 Ls	LP30/5/1/1/2/10804PR	Yes

<sup>1</sup> A detailed consultation report was submitted to the DMR on 21 March 2013.



Name	Property	Prospecting Area	Notified <sup>1</sup>
Bahananoa Tribe	Buffelshoek 261 LR	LP30/5/1/1/2/11286PR	Yes
Government Of Lebowa	Carlsruhe 390 LR	LP30/5/1/1/2/1256PR & LP30/5/1/1/2/10808PR	Yes
Bahananoa Tribe	Dantzig 3 Ls	LP30/5/1/1/2/11286PR	Yes
Denosha Piet	Disseldorp 369 LR	LP30/5/1/1/2/1256PR & LP30/5/1/1/2/10808PR	Yes
Batlokoa Tribe	Duren 387 LR	LP30/5/1/1/2/10668PR & LP30/5/1/1/2/10808PR	Yes
Bakoni Stam-Tribe	Early Dawn 361 LR	LP30/5/1/1/2/10804PR	Yes
Government Of Lebowa	Gallashiels 316 LR	LP30/5/1/1/2/10805PR	Yes
CHOSHI ABEL	Goedetrouw 366 LR	LP30/5/1/1/2/10617PR & LP30/5/1/1/2/10808PR	Yes
Government Of Lebowa	Groenepunt 354 LR	LP30/5/1/1/2/10667PR & LP30/5/1/1/2/10809PR	Yes
Bahananwa Stam	In-Der-Mark 7 Ls	LP30/5/1/1/2/11286PR	Yes
Government Of Lebowa/ Bahananwa Stam	Innes 6 Ls	LP30/5/1/1/2/11286PR	Yes
Government Of Lebowa / Bahananoa Tribe	Inveraan 262 LR	LP30/5/1/1/2/11286PR	Yes
Denosha Piet - Individual	Ketting 368 LR	LP30/5/1/1/2/1256PR & LP30/5/1/1/2/10808PR	Yes
Bakoni Stam-Tribe	Kirstenspruit 351 LR	LP30/5/1/1/2/1256PR	Yes



Name	Property	Prospecting Area	Notified <sup>1</sup>
		& LP30/5/1/1/2/10808PR	
Bakoena Stam-Tribe	La Rochelle 310 LR	LP30/5/1/1/2/10807PR	Yes
Government Of Lebowa	Langbryde 324 LR	LP30/5/1/1/2/10804PR	Yes
Government Of Lebowa	Langlaagte 279 LR	LP30/5/1/1/2/10807PR	Yes
Bahananoa Tribe / Berliner Missionsgesellschaft Trust	Leipsig 264 LR	LP30/5/1/1/2/10805PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo	Les Fontaines 271 LR	LP30/5/1/1/2/10807PR	Yes
Government Of Lebowa	Lomondside 323 LR	LP30/5/1/1/2/10804PR	Yes
Government Of Lebowa	Millbank 325 LR	LP30/5/1/1/2/10810PR	Yes
Bakoni Stam-Tribe	Millstream 358 LR	LP30/5/1/1/2/10667PR & LP30/5/1/1/2/10809PR	Yes
Government Of Lebowa	Miltonduff 322 LR	LP30/5/1/1/2/10804PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo	Mont Blanc 328 LR	LP30/5/1/1/2/10805PR	Yes
Government Of Lebowa	Nairn 74 Ls	LP30/5/1/1/2/11286PR	Yes



Name	Property	Prospecting Area	Notified <sup>1</sup>
Government Of Lebowa	Niet Mogelyk 371 LR	LP30/5/1/1/2/1256PR & LP30/5/1/1/2/10808PR	Yes
No Information Supplied On Windeed	Nieuwe Jerusalem 327 LR	LP30/5/1/1/2/10805PR	
Government Of Lebowa / Bakoni Stam-Tribe	Norma 365 LR	LP30/5/1/1/2/10804PR	Yes
Bahananoa Tribe	Normandy 312 LR	LP30/5/1/1/2/10807PR	Yes
Government Of Lebowa	Old Langsine 360 LR	LP30/5/1/1/2/10804PR	Yes
Batlokoa Tribe	Polen 389 LR	LP30/5/1/1/2/10668PR & LP30/5/1/1/2/10808PR	Yes
Government Of Lebowa	Rittershouse 151 LS	LP30/5/1/1/2/10804PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo	Rosamond 357 LR	LP30/5/1/1/2/10667PR & LP30/5/1/1/2/10809PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo	Schoongezicht 362 LR	LP30/5/1/1/2/10804PR	Yes
Limpopo Department of Rural Development and Land Reform Limpopo	Springfields 268 LR	LP30/5/1/1/2/10807PR	Yes
Limpopo Department of Rural	Sweethome 315 LR	LP30/5/1/1/2/10805PR	Yes



Name	Property	Prospecting Area	Notified <sup>1</sup>
Development and Land Reform Limpopo			
Ramutla Stam-Tribe	Terwieschen 77 LS	LP30/5/1/1/2/10804PR	Yes
Government Of Lebowa	The Bul Bul 5 LS	LP30/5/1/1/2/11286PR	Yes
Government Of Lebowa	The Glade 2 LS	LP30/5/1/1/2/11286PR	Yes
Government Of Lebowa	The Grange 257 LR	LP30/5/1/1/2/11286PR	Yes
Bahananoa Tribe	The Park 266 LR	LP30/5/1/1/2/10805PR	Yes
Bahanana Tribe	Too Late 359 LR	LP30/5/1/1/2/10805PR	Yes
Government Of Lebowa	Udney 321 LR	LP30/5/1/1/2/10810PR	Yes
Jim Likgale Stam-Tribe/ Kokoeni Likgale Stam-Tribe/ Hosea Machaka Stam-Tribe	Uitkyk 394 LR	LP30/5/1/1/2/10804PR	Yes
Molepo Stam	Wilhanshohe 78 LS	LP30/5/1/1/2/10804PR	Yes
Bahananoa Tribe	Windhoek 307 LR	LP30/5/1/1/2/10807PR	Yes

## 2 PROJECT DETAILS

Prospecting activities will be undertaken over a period of 60 months. PGM have applied for both invasive and non-invasive methods for their prospecting activities. Invasive methods are defined as activities that result in land disturbances and include:

- Diamond drilling and/or percussion drilling;
- Sampling and sampling storage; and
- Should an outcrop be established, initiating of trenching, and sampling.



Non-invasive methods are methods that do not cause disturbances to the land and include desktop research and include detailed ground magnetic surveys, and/or gravity and/or magneto telluric studies.

It is anticipated that nine prospecting rights application sites will need to be developed and drilled over the 60 month period.

Minerals that would be prospected for include gold, chrome, copper, iron, nickel, platinum group metals and vanadium.

## 2.1 Additional Impact Assessment Process

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

<b>Legislation, i.e. NEMA, MPRDA, etc.</b>	<b>MPRDA</b>
<b>Consenting Authority that has/will receive information</b>	<b>DMR</b>
<b>Present phase of process at Authority, e.g. Draft Scoping Report</b>	<b>Prospecting Application under Section 16 of the MPRDA</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"/>	<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 checked="" type="checkbox"/>	<b>3(2)(b)</b>	<b>Places to which oral traditions are attached or which are associated with living heritage</b> <i>Description of resource: Rock shelters and caves with rock art and archaeological deposit</i> <i>Potential impact: Impacts may be associated with drilling.</i>
<input type="checkbox"/>	<b>3(2)(c)</b>	<b>Historical settlements and townscapes</b> <i>Description of resource: Abandoned homesteads with collapsed stone walls, house foundations, kraals and middens.</i> <i>Potential impact: Historical structures should not be impacted upon at all.</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 checked="" type="checkbox"/>	<b>3(2)(e)</b>	<b>Geological resources of scientific or cultural importance</b>
		<i>Description of Resource: Fossilised wind-blown sand dunes</i>
		<i>Potential impact: Impacts may be associated with access and drilling.</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: Ceramic and Stone Tool scatters in wash and along the base of the Makgabeng Plateau. Rock art sites located in over hangs, caves and rock shelters.</i>
		<i>Potential impact: Impacts may be associated with access and drilling</i>
<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>Graves and burial grounds associated with historic and current settlements:</i>
		<i>Potential impact: These sites should be identified through consultation and not impacted upon.</i>
<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

Please refer to the Plan below. For additional plans, please refer to Appendix B in the Heritage Statement.

# Waterberg PR Applications

Regional Location  
1 : 50 000

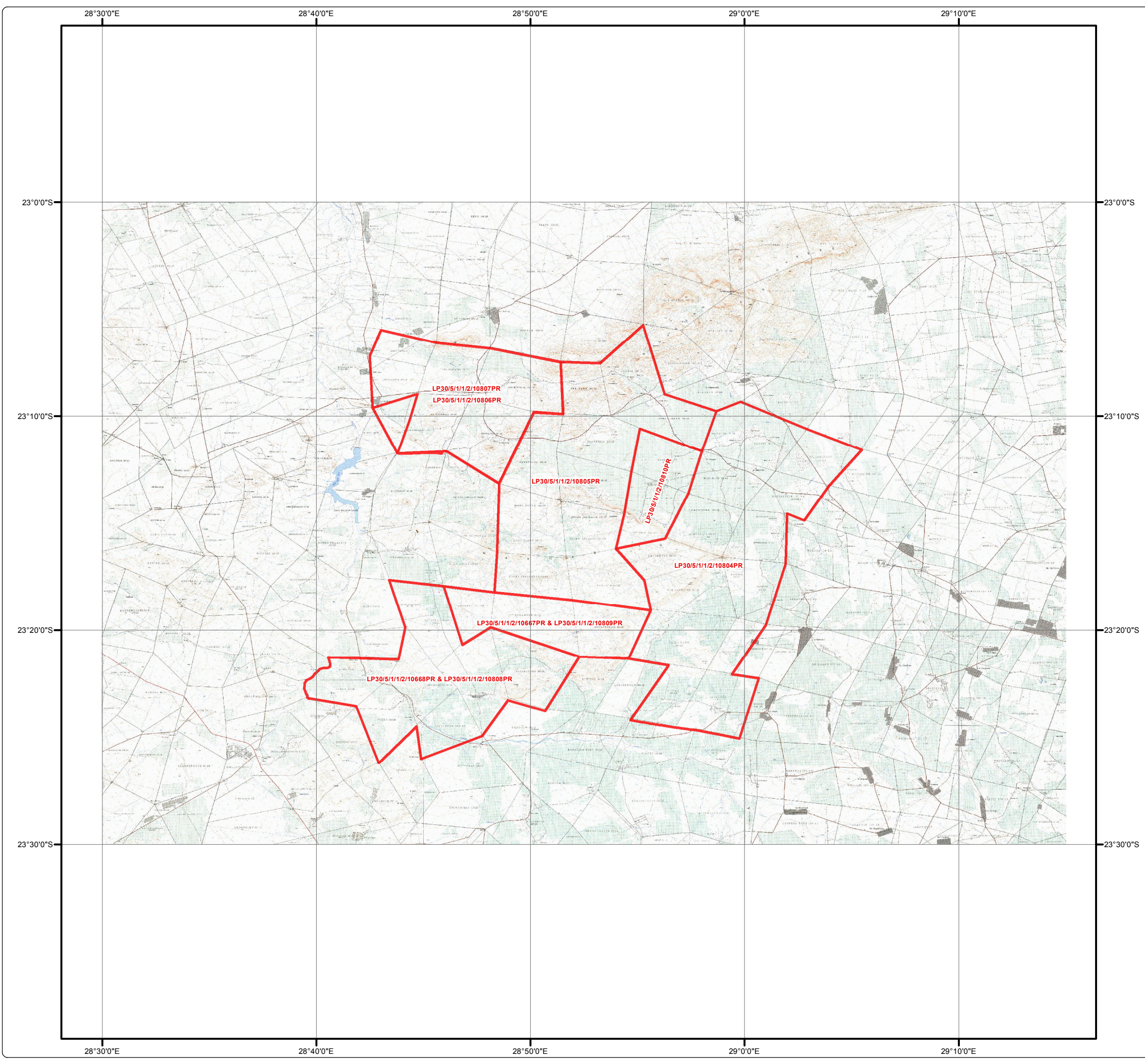
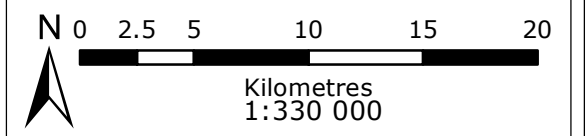
## Legend

 Prospecting Areas

- 2328BA - Letswatla
- 2328BB - Ka-Gobe
- 2328BC - Rebone
- 2328BD - Mahlaweng
- 2329AA - Blouberg
- 2329AC - Bochum



Projection: Transverse Mercator Ref #: amc.PLA2126.201303.232  
 Datum: Hartebeesthoek 1994 Revision Number: 2  
 Central Meridian: 29°E Date: 27/03/2013



## 4 RECOMMENDATION

Is a Heritage Impact Assessment required?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p><b>If NO, provide motivation:</b></p> <p>Due to the large surface area of the proposed project area and individual prospecting licence areas, an intensive, comprehensive Heritage Impact Assessment (HIA) will not be feasible considering regulated MPRDA timeframes. In addition, the actual impact of the individual prospecting activities will, arguably, be negligible especially in current human settlement areas.</p> <p>A recommendation for a Letter of Request of Exemption (LRE) of a HIA and any other studies is therefore made. This recommendation is however made with the following provisions:</p> <ul style="list-style-type: none"> <li>■ Prospecting activities that may take place in locations near cliff faces where a greater potential for rock art can be expected, especially where shelters and/or caves are evident: <ul style="list-style-type: none"> <li>▪ Drill sites must be placed at least 500 m from the cliff faces;</li> <li>▪ Workers' movement must be restricted and cliff faces assigned 'no-go' areas; and</li> <li>▪ Manual geological exploration of cliff faces, if required, must be conducted by a qualified geologist with attention paid to the possible existence of rock art.</li> </ul> </li> <li>■ Where access routes are required, especially in remote, uninhabited areas: <ul style="list-style-type: none"> <li>▪ A Phase 1 Archaeological Impact Assessment (AIA) should be completed for the proposed access route in terms of Section 38 of the NHRA; and</li> <li>▪ Where access routes will exceed 300 m in length a Phase 1 AIA is a legislated requirement independent of any other legislated requirements in terms of Section 38(1)(a) of the NHRA.</li> </ul> </li> <li>■ Where trenching may be required, especially in remote areas: <ul style="list-style-type: none"> <li>▪ A Phase 1 AIA should be completed in terms of Section 38 of the NHRA;</li> <li>▪ Where trenching and associated activities such as site clearing and levelling will require more than 5 000 m<sup>2</sup> (half hectare) a Phase 1 AIA is a legislated requirement independent of any other legislated requirements in terms of Section 38(1)(c)(i) of the NHRA</li> </ul> </li> <li>■ General provisions in terms of this recommendation further include that should any heritage resource protected in terms of the NRHA be found, exposed and/or accidentally damaged during prospecting activities: <ul style="list-style-type: none"> <li>▪ Digby Wells will be notified immediately;</li> </ul> </li> </ul>		



- Chance find procedures must be implemented; and

All work in the immediate area must temporarily cease until a proper assessment can be made by Digby Wells specialists.

**If YES, provide suggested components that may be required or undertaken during HIA.**

<input type="checkbox"/>	Archaeology	<input type="checkbox"/>	Architecture
<input type="checkbox"/>	Built Environment	<input type="checkbox"/>	Burial Grounds and Graves
<input type="checkbox"/>	Palaeontology	<input type="checkbox"/>	Public Participation
<input type="checkbox"/>	Townscapes	<input type="checkbox"/>	Visual Impact
<input type="checkbox"/>	Other:		

**Recommendation made by:**

**Name:** Johan Nel; Justin du Piesanie

**Capacity:** HRM Unit Manager; Archaeology Consultant