

**BACKGROUND INFORMATION DOCUMENT FOR THE  
PROSPECTING RIGHT APPLICATION FOR COPPER,  
PYROPHYLLITE AND RARE EARTH ON PORTION RE, 1, 2,  
3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14 AND 15 OF KAREEKUIL 348  
IO FARMS, LOCATED WITHIN NGAKA MODIRI MOLEMA  
DISTRICT MUNICIPALITY IN NORTH WEST PROVINCE.  
DMRE REFERENCE NUMBER: NW 30/5/1/1/2/13690 PR**

April 2023

Prepared for: Resurrec Investments (Pty) Ltd

For any project information, please contact:

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## 1. PURPOSE OF BID

Crysol Pty Ltd is appointed by Resurrec Investments Pty Ltd to undertake a Prospecting Right application in North West Province. This Background Information Document (BID) has been prepared as part of the notification and consultation process required in terms of the Section 27 (5) of the Mineral and Petroleum Resource Development Act (Act 28 of 2002) (MPRDA), as amended by Section 23 (5) of the Amendment Act. It describes the following;

- ◆ Background information regarding the planning for this project
- ◆ Information about the site and the proposal being considered
- ◆ An overview of the Department of Mineral Resources and Energy (DMRE) application
- ◆ Suggestions on how you can participate on the process

## 2. APPOINTED EAP

Crysol (Pty) Ltd as an independent Environmental Assessment Practitioner (EAP) was appointed by Resurrec Investments Pty Ltd to conduct Basic Assessment process for the Prospecting Right application in terms of section 27 (5) of MPRDA (Act 28 of 2002), as amended by Section 23 (5) of the Amendment Act for the Copper, Pyrophyllite and Rare Earth.

## 3. PROJECT LOCATION

The proposed project is located on the Portion RE, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14 and 15 of Kareekuul 348 IO farms, located within Ngaka Modiri Molema district Municipality in North West Province.

## 4. PROJECT DESCRIPTION

The proposed Prospecting Right application is for Copper, Pyrophyllite and Rare Earth. Currently there are no commercial or any activities on the property under application.

During establishment, operation and decommissioning of the prospecting activities, the following tasks are anticipated to be undertaken:

### a. Desktop Study

It is more of a literature review and research on all the completed work on the area. It also includes retrieving results from the companies that has already worked on the area.

### b. Field mapping

This involves the geologist walking the area and making observations which are then recorded on a map.

### c. Geophysical Survey

The gravity method measures the gravitational attraction exerted by the earth at a measurement stations on the surface. The strength of the gravitational field is directly proportional to the mass and therefore, the density of subsurface materials. Anomalies in the earth's gravitational field result from lateral and depth variations in the density of subsurface materials.

### d. Preliminary Drilling and Assaying

It consists of reconnaissance drilling. The proposed drilling program consists of 10 holes.

### e. Detailed drilling and assaying

It consists of detailed diamond core drilling within the determined target areas, to delineate the ore body accurately, and to determine depth to bedrock and internal stratigraphic composition of the ore body. A proposed drilling programme of boreholes will be used to further define the ore body. The core drilling is

generally done in this target. The different rock sample intersecting the deposit will be sent for assay at one of the accredited laboratories.

#### **f. Diamond core drilling**

Drilling is done in phases, as outlined elsewhere, over anomalous target areas, using reconnaissance lines or a grid of 100m or 400m holes will be approximately 150m deep depending on the local depth. The samples will be sent to the laboratory for assay.

### **5. ENVIRO-LEGAL REQUIREMENTS**

An application for a Prospecting Right in terms of Section 27 (5) of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002) was submitted to the Department of Mineral Resources & Energy (NW Regional Office). The proposed project triggers the following listed activities in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations as amended (December 2014) and therefore requires Environmental Authorisation following a Basic Assessment Process. The authorising/Competent authority for this Prospecting Right Application is the Department of Mineral Resources.

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 21:

*“Any activity including the operation of that activity which requires a mining permit in terms of section 27 of the Mineral and Petroleum Resources Development Act, 2002 (act No. 28 of 2002), including associated infrastructure, structures and earthworks directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002). “*

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 22:

*“The decommissioning of any activity requiring a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002). “*

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 27:

*“The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation. “*

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 28:

*“Commercial developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.”*

### **6. NEED FOR PUBLIC PARTICIPATION PROCESS**

The purpose of public consultation process is to enable land owners, lawful occupiers, directly affected individuals, and/or other Interested and Affected Parties (I& APS) to raise any issues, concerns and/or comments regarding the prospecting activities. A proof of consultation report will be developed and submitted to the Department of Mineral Resources & Energy (DMRE). The proposed project requires Basic Assessment process. The assessment will be conducted in terms of the Mineral and petroleum Resources Development Act, 28 of 2002, as amended and the National Environmental Management Act (Act 107 of 1998) as amended.

The environmental assessment will culminate in the compilation of a Basic Assessment Report and Environmental Management Programme which will be submitted to the Department of Mineral Resources & Energy (DMRE), the regulatory authority responsible for issuing environmental authorisation for this Prospecting Right Application.

### **7. HOW TO GET INVOLVED**

All Interested and Affected parties (I&APS) are invited to submit their issues, concerns' and comments regarding the proposed prospecting right activities to Crysbol (Pty) Ltd via email, facsimile, registered post or telephonically. A Registration Form (provided herewith) is made available below for you to fill in your personal details and comments, kindly do so and submit to Crysbol at the details provided below.

### **8. HOW TO OBTAIN FURTHER INFORMATION**

Registering as I&APs will ensure that you are placed on a data base to be informed of any

progress regarding the project. You can do so by filling in the form below and return it to the relevant EAP listed below.

**PUBLIC CONSULTATION CONTACTS:**

Gumisai Charles Chigurah

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E-mail: [comments@crysol.co.za](mailto:comments@crysol.co.za)

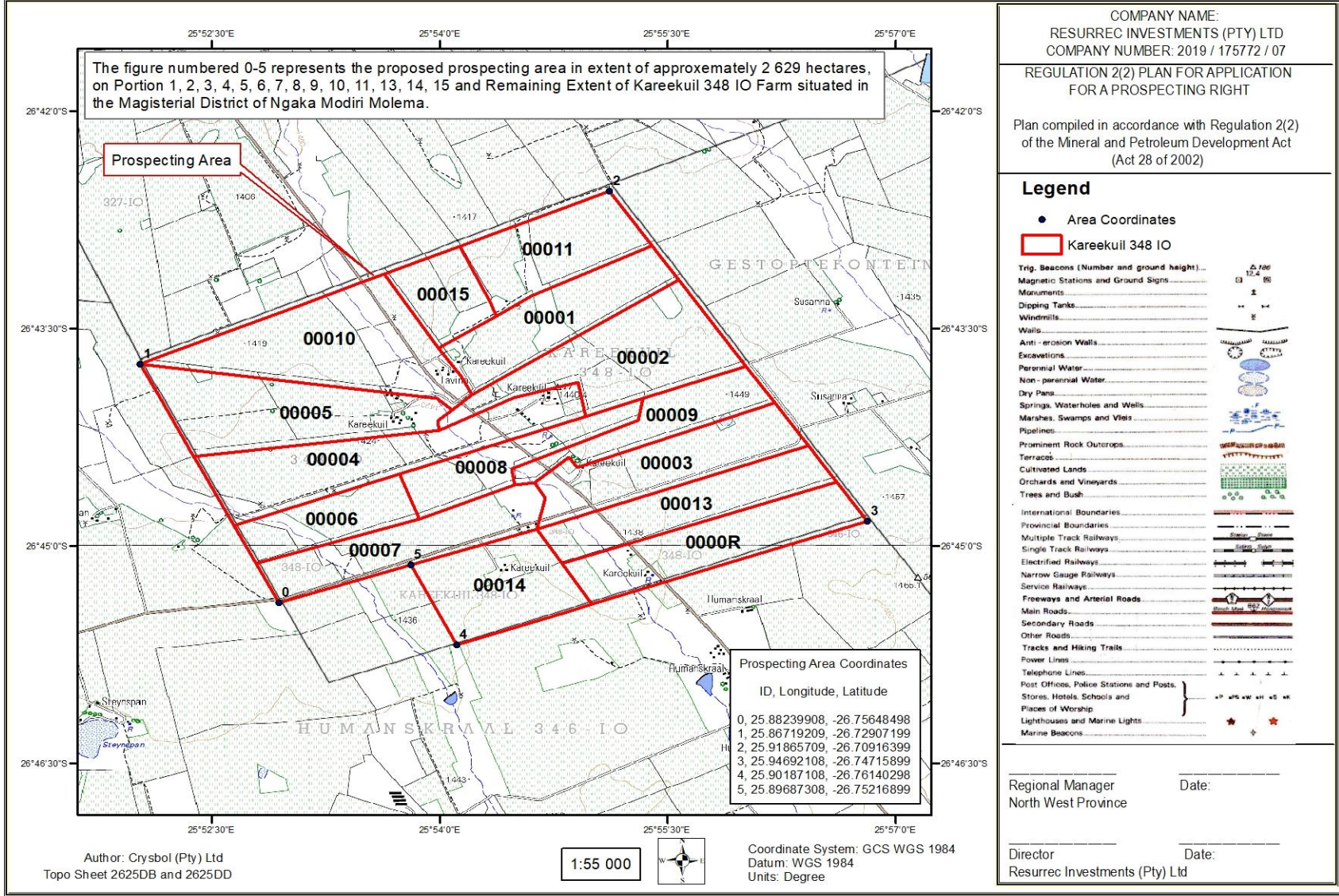


Figure 1: Reg 2.2 Map

**I&AP Registration Form**

**DMRE REF. NO.: NW 30/5/1/1/2/13690 PR**

<b>Name and Surname</b>	
<b>Physical Address</b>	
<b>Contact Details</b>	<b>Telephone No.:</b> <b>Fax No.:</b> <b>Cell No.:</b> <b>E-mail Address:</b>
<b>Please indicate any issues, comments and concerns regarding the proposed project</b>	
<b>Please indicate in which aspects you would require more information</b>	
<b>Please indicate any I&amp;APs whom you think should be contacted</b>	
<b>In order to be registered as an I&amp;AP for this project fax, mail, or e-mail the completed registration form to Gumisai Charles Chigurah; Telephone No: 011 038 0131 OR Fax: 086 480 7682 OR Postal Address: PostNet Suite #157, Private Bag X121, Halfway House, 1685.OR Email Address: <a href="mailto:comments@crysbol.co.za">comments@crysbol.co.za</a></b>	