

DEPARTMENT OF MINERAL RESOURCES AND ENERGY**NO. 6726****10 October 2025****MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (Act 28 of 2002)****GEOPHYSICAL SURVEYS IN THE SOUTHERN KAROO REGION IN TERMS OF SECTION 50 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO. 28 OF 2002)**

Notice is hereby given that the department has concluded the consultation process with interested and affected parties on the Minister's intention to conduct an investigation in the southern part of the Karoo Region to establish the subsurface geology and its structure as it relates to petroleum, and to establish the nature and extent of the subsurface geology and its structure and assess any potential geological risks published in terms of Section 50(1) of the Mineral and Petroleum Resources Development Act, 2002 (Act No.28 of 2002) ("the Act"), (Annexure A) under Government Notice No. 51637 (Vol. 713) on 30 August 2024 and Government Notice No. 5572 on 22 November 2024.

The gazettes invited interested and affected parties to submit written comments on the proposed investigations, and requested the owners, occupiers, or persons in control of land subject to the investigations to furnish the minister with their particulars. The commenting period closed on 9 January 2025.

The department received a total of 62 written comments related to the planned geophysical surveys. These comments were processed and responded to, including through further consultations with the interested and affected parties.

The consultation process, including with the Department of Forestry, Fisheries and the Environment further confirmed that the proposed geophysical surveys do not require an Environmental Authorization provided for in terms of the National Environmental Management Act 107 of 1998 ("the NEMA") read with the Environmental Impact Assessment Regulations, 2014 ("the EIA Regulations") and Listing Notices 1, 2 and 3 ("the Listing Notices").

Nonetheless, a Basic Environmental Impact Assessment and related Public Consultations for the 2D seismic survey are currently being conducted by an Independent Environmental Assessment

Practitioner (EAP) as a duty of care and to ensure that the appropriate mitigation measures are put in place during the 2D seismic survey.

I am satisfied that all concerns regarding the proposed geophysical surveys were considered and addressed. The department will therefore continue with the airborne magnetic and magnetotelluric surveys, which will be followed by the 2D seismic survey on conclusion of the EIA process and related public consultation. The aim of this investigation is to improve the understanding of the subsurface geology of the Karoo Basin, to further inform the regulatory framework for shale gas exploration and exploitation.

In order to promote transparency and ensure effective public participation, stakeholder engagements will continue throughout the project lifecycle.



SAMSON GWEDE MANTASHE (MP)
MINISTER OF MINERAL AND PETROLEUM RESOURCES

DEPARTEMENT VAN MINERAALBRONNE EN ENERGIE**NO. 6726****10 Oktober 2025****WET OP DIE ONTWIKKELING VAN MINERALE- EN PETROLEUMHULPBRONNE, 2002 (Wet 28 van 2002)****GEOFISIESE OPNAMES IN DIE SUIDELIKE KAROO-STREEK INGEVOLGE ARTIKEL 50 VAN DIE WET OP DIE ONTWIKKELING VAN MINERALE- EN PETROLEUMHULPBRONNE, 2002 (WET NO. 28 VAN 2002)**

Kennis word hiermee gegee dat die departement die konsultasieproses met belanghebbende en geaffekteerde partye oor die Minister se voorneme om 'n ondersoek in die suidelike deel van die Karoo-streek te doen, afgesluit het om die ondergrondse geologie en die struktuur daarvan met betrekking tot petroleum vas te stel, en om die aard en omvang van die ondergrondse geologie en die struktuur daarvan vas te stel en enige potensiële geologiese risiko's te beoordeel wat gepubliseer is ingevolge Artikel 50(1) van die Wet op die Ontwikkeling van Minerale en Petroleumhulpbronne, 2002 (Wet Nr. 28 van 2002) ("die Wet"), (Aanhangsel A) onder Regeringskennisgewing Nr. 51637 (Vol. 713) op 30 Augustus 2024 en Regeringskennisgewing Nr. 5572 op 22 November 2024.

Die koerante het belangstellende en geaffekteerde partye genooi om skriftelike kommentaar oor die voorgestelde ondersoeke in te dien, en het die eienaars, okkupeerders of persone in beheer van grond wat onderhewig is aan die ondersoeke versoek om die minister van hul besonderhede te voorsien. Die kommentaarperiode het op 9 Januarie 2025 gesluit.

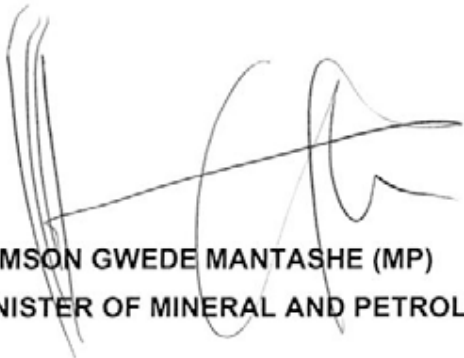
Die departement het altesaam 62 skriftelike kommentare ontvang met betrekking tot die beplande geofisiese opnames. Hierdie kommentare is verwerk en beantwoord, onder meer deur verdere konsultasies met die belanghebbende en geaffekteerde partye.

Die konsultasieproses, insluitend met die Departement van Bosbou, Visserye en die Omgewing, het verder bevestig dat die voorgestelde geofisiese opnames nie 'n Omgewingsmagtiging vereis soos bepaal ingevolge die Nasionale Omgewingsbestuurswet 107 van 1998 ("die NEMA") gelees met die Omgewingsimpakbepalingsregulasies, 2014 ("die OIE-regulasies") en Lyskennisgewings 1, 2 en 3 ("die Lyskennisgewings") nie.

Nietemin word 'n Basiese Omgewingsimpakstudie en verwante Openbare Konsultasies vir die 2D-seismiese opname tans deur 'n Onafhanklike Omgewingsassesseringspraktisyn (OAP) uitgevoer as 'n sorgplig en om te verseker dat die toepaslike versagtingsmaatreëls tydens die 2D-seismiese opname in plek gestel word.

Ek is tevrede dat alle bekommernisse rakende die voorgestelde geofisiese opnames oorweeg en aangespreek is. Die departement sal dus voortgaan met die lugmagnetiese en magnetotelluriese opnames, wat gevolg sal word deur die 2D-seismiese opname na afloop van die OIB-proses en verwante openbare konsultasie. Die doel van hierdie ondersoek is om die begrip van die ondergrondse geologie van die Karoo-kom te verbeter, om die regulatoriese raamwerk vir skaliegaseksplorاسie en -ontginning verder te beïnvloed.

Om deursigtigheid te bevorder en effektiewe openbare deelname te verseker, sal belanghebbertebetrokkenheid dwarsdeur die projektelewensiklus voortduur.



SAMSON GWEDE MANTASHE (MP)
MINISTER OF MINERAL AND PETROLEUM RESOURCES

ISEBE LEMITHOMBO YEZIMBIWA NE-PETROLEUM

UMTHETHO WOPHUHLISO LWEMITHOMBO YEZIMBIWA NE-PETROLEUM (UMTHETHO NO. 28 KA-2002)

**UPHANDO LWE-GEOPHYSICS KUMMANDLA OSEMZANTSI WE-KAROO
NGOKWECANDELO 50 LOMTHETHO WOPHUHLISO LWEMITHOMBO YEZIMBIWA NE-
PETROLEUM, 2002 (UMTHETHO NO. 28 KA-2002)**

Esi saziso sichaza ukuba iSebe liyigqibile inkqubo yokubonisana namaqela anomdla nachaphazelekayo kuphando oluchetywa nguMphathiswa kumzantsi wommandla weKaroo. Oluphando lumalunga nokuvavanya ubume, ulwakhiwo lomhlaba ngokunxulumelene nemithombo ye-petroleum kunye nokuhlolwa kwemingcipheko enokubakhona kwimithombo echaphazelekayo. Oluphando lwapapashwa ngokweCandelo 50(1) loMthetho Wophuhliso lweMithombo yeZimbiwa ne-Petroleum, 2002 (uMthetho No. 28 ka-2002) ("uMthetho"), (IsiHlomelo A) phantsi kweSaziso sikaRhulumente No. 51637 (Umqulu 713) ngomhla we-30 kweyeThupha 2024 kunye neSaziso sikaRhulumente No. 5572 ngomhla we-22 kweyeNkanga 2024.

Iizaziso zikaRhulumente zamema amaqela anomdla kunye namaqela achaphazelekayo ukuba angenise izimvo ezibhaliweyo malunga nophando olucetywayo, kwaye kwacelwa abanini, abahlali, okanye abo balawula umhlaba ochaphazelekayo ukuba banike uMphathiswa iinkcukacha zabo. Ixesha lokungenisa izimvo neenkcukacha lavalwa ngomhla we-9 kweyoMqungu 2025.

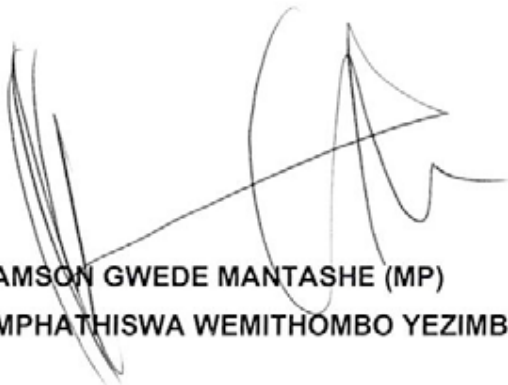
ISebe lifumene izimvo ezibhaliweyo ezingama-62 ezinxulumene nophando lweGeophysics olucwangcisiweyo. Ezi zimvo zaqwalaselwa kwaye zaphendulwa ngokufanelekileyo, kwaphindwa kwaboniswa ngakumbi namaqela anomdla nachaphazelekayo.

Inkqubo yokubonisana neSebe lezamaHlathi, ukuLoba nokusiNgqongileyo yaqinisekisa ngakumbi ukuba uphando lweGeophysics olucwangcisiweyo aludingi uGunyaziso lokusiNgqongileyo olubonelelwe ngokwemiqathango yoMthetho weSizwe woLawulo lokusiNgqongileyo 107 ka-1998 ("iNEMA") efundwa kunye neMigaqo yoVavanyo lweMpembelelo yokusiNgqongileyo, 2014 kunye nezaziso zoluhlu 1, 2 kunye ne-3 ("izaziso zoluhlu "). Nangona kunjalo, uVavanyo olusisiseko lweMpembelelo yokusiNgqongileyo kunye nokubonisana namaqela anomdla nachaphazelekayo kuvavanyo lwenyikima ye-2D luqhutywa yiNgcali ezimeleyo yovavanyo lokusingqongileyo

njengoxanduva lokukhathalela kunye nokuqinisekisa ukuba amanyathelo afanelekileyo okunciphisa ayabekwa phambi kokuba luqale uphando.

Ndonelisekile kukuba zonke inkxalabo ezimalunga nophando olucetywayo ziqwalaselwe kwaye zaphendulwa. ISebe ngoku lizakuqhubeka nophando olusebenzisa ubuxhakaxhaka obukwinqwelo-ntaka kunye nolusebenzisa izixhobo zombane ezithi zijonge ubume bomhlaba kunye nayo yonke eminye imithombo efumanekayo. Oluphando luzakuqala ekupheleni kwenkqubo yoVavanyo olusisiseko lweMpembelelo yokusiNgqongileyo kunye nokubonisana noluntu olubandanyekayo. Injongo yoluphando kukuphucula ukuqonda ngobume bomhlaba okwi-Karoo Basin nokwazisa nangakumbi isakhelo solawulo malunga nokuhlolwa nokusentyenziswa kwerhasi efumaneka kwuhlobo lwelitye elibizwa i-shale.

Ukukhuthaza ukungafihli nokuqinisekisa ukubandakanyeka koluntu olunomdla noluchaphazelekayo, uluntu luzakukwaziswa ngenkqubo yophando kuzo zonke izigaba ze-projekthi.



SAMSON GWEDE MANTASHE (MP)

UMPHATHISWA WEMITHOMBO YEZIMBIWA NEPETROLEUM