

IDOKHUMENDE LOLWAZI LWESIZINDA

UKUZE ISICELO PROSPECTING KWESOKUDLA.

IGAMA LOMFAKISICELO	INOMBOLO YOKUBHEKISELA YE-DMRE
AFLI EXPLORATION 3 (PTY) LTD	KZN30/5/1/1/2/11352PR

USUKU: MEYI 2023

KWETHULWA NGU



1. ISIZINDA SOKUSEBENZA

I-AFLI Exploration 3 (Pty) Ltd, ifake isicelo samalungelo okubheka i-Lithium, i-Feldspar, i-Tin, i-Tantalum / i-Niobium, i-zinc, ne-Dimension itshe (Jikelele) emapulazini abonisa kuthebula 1 ngezansi, elise esifundeni se-magisterial sasePort Shepstone.

Ithebula 1: Isifinyezo seminingwane yesicelo sokuhlola isicelo esifanele: KZN 30/5/1/1/2/11352 PR

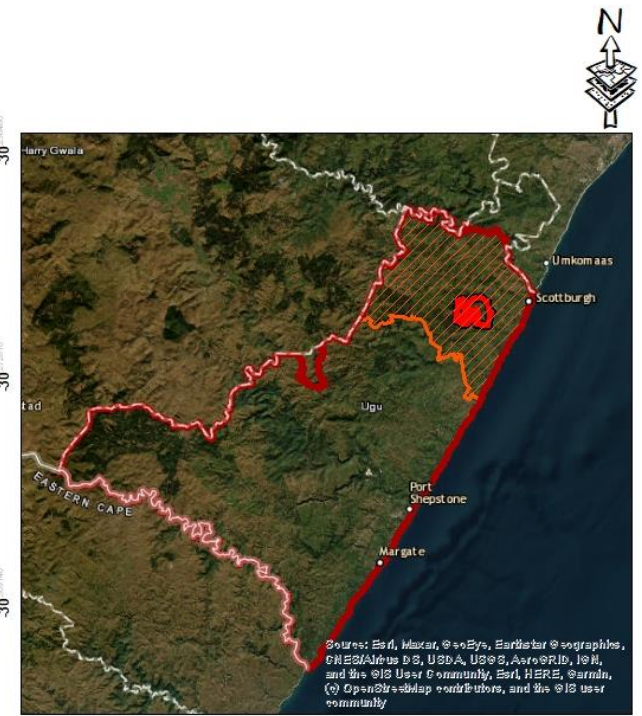
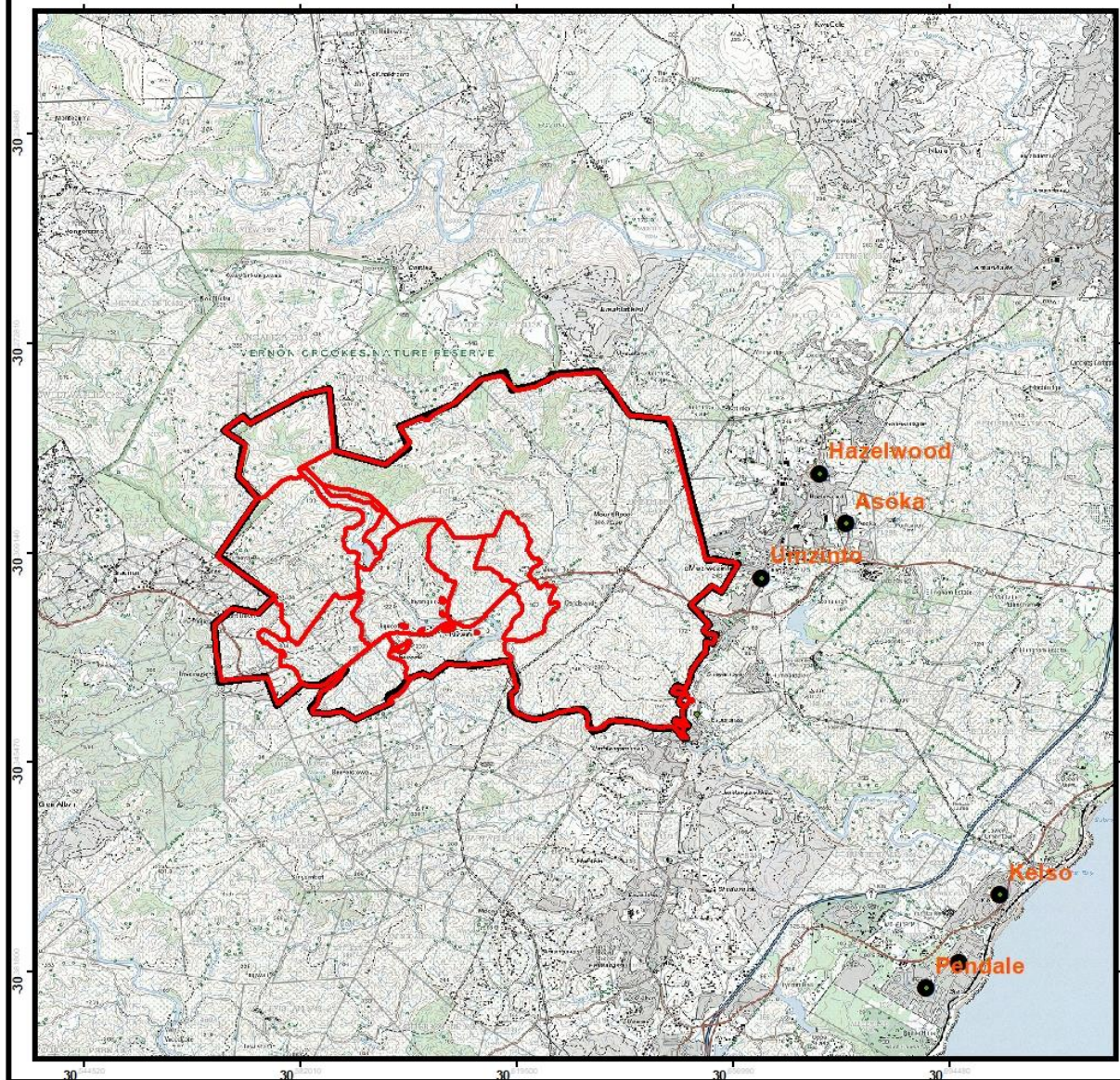
DMRE Ref:	KZN30/5/1/1/2/11352 PR
Igama lepulazi:	Izingxenye 5,8,9,11,12,24,25,31,34,36 of ipulazi EQUEEFA 17559 ET Ingxenye 1 yepulazi EQUEEFA 2162 ET Ubukhulu obusalayo bepulazi UMZINTO RIVER DAM 15572 ET Ubukhulu obusalayo bepulazi CROOKES 17407 ET Ingxenye 5 yepulazi UMZINTO SUGAR CO 1403 ET
Indawo yesicelo (Ha):	4,309 ha
Isifunda saseMagisterial:	Port Shepstone Magisterial District

I-Joan Consulting Pty (Ltd) iqokwe njenge-Environmental Assessment Practitioner (EAP) ezimele ukwenza nokwenza lula zonke izinqubo ezidingekayo kulesi sicelo. Inqubo okufanele ilandelwe ukuthola imvume yemvelo yalezi zicelo inqubo ye-Basic Assessment.

Project Locality

Amaphrojekthi **KZN30/5/1/1/2/11352 PR** atholakala eduze kwe-Umzinto /Esperanza ngaphansi kwePort Shepstone Magisterial District.

Locality Map of the Proposed Prospecting Right Application



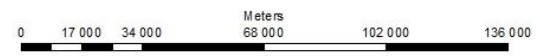
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Joan
CONSULTING LTD

Author: Joan Consulting (Pty) Ltd

25 Nov 2022

Coordinate System: WGS 1984
Unit: Degree
Datum: 1984



2. IMISEBENZI EFAKWE OHLWINI OKUFANELE IGUNYAZWE.

Ithebula 2 ngezansi likhombisa imisebenzi okufanele igunyazwe njengengxenyane yelungelo lokuthemba.

Ithebula 2: Imisebenzi okufanele igunyazwe

Igama lomsebenzi	Ubukhulu be-Aerial be-Activity Ha noma i-m ² yesicelo ngasinye	Umsebenzi ohlwini	Isaziso Sohlu Olusebenzayo
Noma yimuphi umsebenzi obandakanya ukusebenza kwalowo msebenzi odinga ilungelo lokufuna ithemba ngokwesigaba 16 se Umthetho wokuthuthukiswa kwemithombo yamaminerali ne-Petroleum , 2002 (Umthetho No. 28 ka 2002),	Indawo esetshenzisiwe yesicelo ngasinye	Yebo	Umsebenzi 20- GNR U-R327 ka-2017
Ukusungulwa kwesayithi kanye nengqalasizinda ehambisana nayo	±500 m ²	Cha	Imisebenzi ehambisana nomsebenzi 20
Ihhovisi/igceke eliyinhloko			
Mobile Ablution			
Izinsiza kusebenza Storage			
borehole- sokuprakthiza amasayithi- nge amanzi sump (Ukuvunyelwa kwendawo ye-1 hectare yezimbobo zokubhoboza)	4000 m ² (±100m ² X 20 sokuprakthiza amasayithi)		
Umgwaqo wokufinyelela- iprojekthi izosebenzisa umgwaqo okhona	-		
Ukususwa kwezitshalo	<1ha	Cha	
Ingqikithi yendawo ephazamisekile yesayithi ngalinye	±4500 m ²		

3. INCAZELO YEPHROJEKTHI

Isigaba 1: Ukulungiselela Nokwakhiwa Kwesayithi

Ukulungiselela isayithi

- Ukulungiselela indawo kuzobandakanya ukubekwa kwengqalasizinda njengendawo ye-ablution (indlu yangasese yamakhemikhali yeselula) kanye ne-Waste Bin.
- Imfucuzo ejwayelekile izohlukaniswa nemfucuzo enobungozi futhi izolahlwa endaweni ebhalisiwe yokulahla udoti. Azikho izakhiwo ezizomiswa endaweni.
- Lesindawo noma izindawo zemishini ezisetshenzisiwe zizoba ngaphansi kuka-1000m² futhi zizovuselelwa uma ukusebenza sekuphelile.

Isigaba 2: Ukusebenza.

Isigaba sokusebenza sihilela ukubhoboza ama-boreholes afinyelela ku-40 ngesayithi ngalinye. Ukujula kwe-borehole kuzosuka ku-30 kuya ku-150m. I-drill rig, i-sump enomugqa kanye nenqola yamanzi yimishini evame ukuba endaweni yokubhoboza.

4. UKUBONISANA KWE-LANDOWNER

Abanikazi bomhlaba bangababambiqhaza abasemqoka kumaphrojekthi ahlongozwayo. Abanikazi bomhlaba bayacelwa ukuba banikeze imvume kubaqeqeshi bokuhlola imvelo ukuba benze ukuhlolwa okubonakalayo komhlaba wabo ukuze benze ukuhlolwa okunolwazi kanye nesincomo sezicelo. Lokhu kuhlola kusiza ngokuthi umbiko uzonikeza izincomo ezenziwe ngokwezifiso zalokho kukhuluma ngokusetshenziswa komhlaba nokuzwela emapulazini. Isib., Izincomo ze-macadamia nuts plantation zingase zihluke kancane ezincomo zamapulazi ebhanana. Ukuzibandakanya kwabo kubalulekile.

Abanikazi bomhlaba abalindelekile futhi akufanele bayeke ukusebenzisa nokuthuthukisa umhlaba wabo njengoba bebona kufanele. Lokhu kungenxa yokuthi iphrojekthi yokucabangela kufanele ivunyelwe, izoba nomthelela omncane kusetshenziswa umhlaba wamanje futhi uma umsebenzi wokuhlola unomthelela ebhizinisini lokuziphilisa endaweni, umfakisicelo uzoxoxa ngesinxephezelo somthelela onjalo nomnikazi womhlaba ngamunye othintekayo.

5. IMITHELELA EJWAYELEKILE EHLOBENE NEMISEBENZI YOKUCABANGELA KANYE NEZINYATHELO ZABO ZOKUNCIPHISA.

Umthelela	Ukunciphisa
Isizukulwane nokuhlakazeka kothuli	<ul style="list-style-type: none"> • spray amanzi lapho ukubhoboza ukucindezela uthuli ukuhlakazeka. • gwema ukususwa kwezitshalo ezingadingekile. Esikhundleni sokususwa, lungisa izitshalo ukuze kube lula ukufinyelela indawo ye-rig bese ususa kuphela izitshalo lapho kudingeka khona i-sump kanye nomgodi. • Vuselela indawo e-denuded ngokushesha lapho ukubhoboza sekuphelile.
Ukwanda kwamazinga omsindo kusuka ekuhambeni kwezimoto	<ul style="list-style-type: none"> • i-drill rig kanye nezimoto ezihambisana nayo musty zisevisiwe ukuvimbela umsindo ngokweqile ngenxa yokungasebenzi kahle kwemishini. • Umsebenzi kufanele wenziwe emini kuphela ukunciphisa ukuphazamiseka komakhelwane nokuphila kwezilwane.
Ukuphazamiseka kwendawo yokuhlala > ukubhujiswa (ukususwa kwezitshalo) kanye nomthelela wezinhlabo ezibucayi ze-ecosystems	<ul style="list-style-type: none"> • Hlela izindawo zokubhoboza bese ukhombisa izindawo zokugcina. • Gcina izindawo ezidingekayo ze-buffer ezivela ezindaweni ezibucayi njengendawo emanzi, izifundo zamanzi, ihlathi lemvelo, njll. • gwema ukususwa kwezitshalo ezingadingekile. Esikhundleni sokususwa, lungisa izitshalo ukuze kube lula ukufinyelela indawo ye-rig bese ususa kuphela izitshalo lapho kudingeka khona i-sump kanye nomgodi. • Sebenzisa imigwaqo yasemapulazini esivele ikhona futhi ugweme ukudala imizila emisha. • Vuselela indawo e-denuded ngokushesha nje ukubhoboza (endaweni ngayinye) kuqediwe.
Umthelela emathuneni nakwezinye izinto zakudala	<ul style="list-style-type: none"> • Gcina izindawo ezidingekayo zokugcina zonke izindawo zokungcwaba. • Izindawo zokungcwaba kumele zihlelwe imephu. • Bonisana nabanikazi bomhlaba kanye namalungu omphakathi ukuhlonza izindawo zokungcwaba ngaphambi kokucabangela. • Sebenzisa inqubo yokuthola ithuba ukubhekelela ukutholakala ngengozi.

<p>Ukuphazamiseka kwezilwane endaweni</p>	<ul style="list-style-type: none"> • Ungaphazamisi izidleke, izindawo zokuzalanisa noma ezincane. • Ungazami ukubulala noma ukubamba izinyoka ngaphandle kokuthi usongele ngqo ukuphepha kwabasebenzi. • Izinja noma ezinye izilwane ezifuywayo azivunyelwe endaweni yomsebenzi njengoba ziyingozi esilwaneni sasendle semvelo. • Umkhawulo wejubane eliphansi kufanele uphoqeelwe endaweni ukunciphisa ukushayisana kwezimoto zezilwane. • Azikho izilwane okufanele zibulawe ngamabomu noma zibhujiswe futhi ukuzingela ngokungemthetho nokuzingela akufanele kuvunyelwe endaweni. • Izinhlawulo ezinzima zesivumelwano kumele zibekwe kanye nokuxoshwa ngokushesha uma kwenzeka kungahambisani.
<p>Ukuguguleka komhlabathi kanye ne-sedimentation yomfula</p>	<ul style="list-style-type: none"> • gwema ukususwa kwezitshalo ezingadingekile. Esikhundleni sokususwa, lungisa izitshalo ukuze kube lula ukufinyelela indawo ye-rig bese ususa kuphela izitshalo lapho kudingeka khona i-sump kanye nomgodi. • Sebenzisa imigwaqo yasepulazini esivele ikhona futhi ugweme ukukhipha izindawo lapho udala imizila emisha. • Vuselela indawo e-denuded ngokushesha nje ukubhoboza (endaweni ngayinye) kuqediwe. • Gwema ukubhoboza emithambekeni emaweni uma kungenzeka.
<p>Ukusungulwa nokusabalala kokhula olumenyezelwe</p>	<ul style="list-style-type: none"> • Vuselela indawo e-denuded ngokushesha nje ukubhoboza (endaweni ngayinye) kuqediwe. • Tshala izinhlobo zotshani zomdabu ezindaweni ezinama-denuded ukuvimbela ukhula lwangaphandle ukuba lukoloni indawo.
<p>Ukulahlekelwa umhlabathi ophezulu ovundile kanye nekhono lomhlaba</p>	<ul style="list-style-type: none"> • Unyawo lokwakha kufanele lugcinwe luncane ngangokunokwenzeka; Gcina ikhava yomhlaba yokuqala ngangokunokwenzeka. • Umhlabathi ohlutshiwe kufanele ugcinwe futhi ubuyiselwe emuva ngesikhathi sokuvuselelwa. • Rip inhlabathi compacted ukusiza kabusha izitshalo
<p>Ukuhlanganiswa Komhlabathi</p>	<ul style="list-style-type: none"> • Izimoto nemishini kumele zisebenzise kuphela imizila ekhona. Lapho kungekho ndlela ekhona, i-Environmental Control Officer kumele iqondise emzileni ongahlaseli kangako.

	<ul style="list-style-type: none"> • Gwema imoto engadingekile kanye nokubhoboza ukumba ukunyakaza endaweni ukunciphisa ukuhlanganiswa komhlabathi. • Rip inhlabathi compacted ukusiza kabusha izitshalo ngesikhathi ukuvuselelwa.
Ukungcoliswa komhlabathi namanzi kusuka ekuchithekeni kwe-hydrocarbon	<ul style="list-style-type: none"> • Hlanza konke ukuchitheka kwe-hydrocarbon kusuka emishinini ngokushesha bese ulahla umhlabathi ongcolile endaweni evunyelwe. • Amathileyi e-drip kumele abekwe ngaphansi kwemishini epakiwe nezimoto. • Okuqukethwe kwamathileyi e-drip kufanele kuphathwe njengemfucuzo eyingozi. • Ukulungiswa kwezimoto endaweni akuvunyelwe
umthelela obonakalayo ngemishini yokubhoboza nothuli	<ul style="list-style-type: none"> • •hambisa i-drill rigs offsite lapho umsebenzi wokuhlola usuphuthuliwe • Yenza ukucindezelwa kothuli noma nini lapho kunesidingo.
Umthelela kubanikazi bomhlaba izindlela zokuziphilisa	<ul style="list-style-type: none"> • Umfakisiselo kufanele abonisane nomnikazi womhlaba ngamunye ukuze axoxe ngendawo yezindawo zokubhoboza ukuze kuncishiswe umthelela futhi kuvunyelwane ngesinxephezelo.
Ukwesaba ukuhlaselwa kwamapulazi ngabalimi ngenxa yabantu abangabazi endaweni yabo indawo	<ul style="list-style-type: none"> • Yethula ithimba le-contactors kubanikazi bomhlaba ukusiza ekukhombeni iqembu. • Ukuhambisana nazo zonke izidingo zokuphepha zendawo
Isizukulwane nokuphathwa kwemfucuzo	<ul style="list-style-type: none"> • ukunikeza umgqomo endaweni. • Thulula umgqomo bese ulahla imfucuzo endaweni yokulanda kamasipala. • Imigqomo yodoti kumele ifakwe indlela yokuvala ukuvimbela okuqukethwe kwayo ekulandeleni ngaphezulu nokushaywa umoya. • Imigqomo yodoti engenalutho njalo ukugwema ukuchichima. • Izikhungo ezifanele zokuchithwa endaweni kumele zinikezwe.
Ukulimala emsebenzini- okunomthelela	<ul style="list-style-type: none"> • Izinto zokuzivikela ezifanele kumele zabelwe bonke abasebenzi abasebenza endaweni.

enhlalakahleni yabasebenzi	<ul style="list-style-type: none"><li data-bbox="539 159 1543 257">• Inkulumo yebhokisi lamathuluzi kumele yenziwe ukubhekana nengozi ehambisana nephrojekthi ehlongozwayo
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4. Inqubo Yokubamba Iqhaza Komphakathi (PPP)

Lo mbhalo ukukwazisa ngomsebenzi ohlongozwayo kanye nokunquma ukuthi kukhona yini ukukhathazeka noma ukuphikiswa okuvela ku-Interested and Affected Parties (I&AP's) okudingeka kubhekwe.

I-PPP ikhonza ku: -

- Nikeza ama-IP ngolwazi mayelana nentuthuko ehlongozwayo kanye nemithelela ehambisana nayo engaba khona.
- Vumela ama-IP e-IP ithuba lokuphawula noma ukuphakamisa ukukhathazeka kumaprojekthi ahlongozwayo.

Ukuzibandakanya

Njengeqembu elinentshisekelo nelithintekayo, uyacelwa ukuba wenze lokhu okulandelayo.

- a) gcwalisa ifomu lamazwana elinamathiselwe i-overleaf (ngezansi) bese unikeza noma yikuphi ukuphawula, ukukhathazeka, noma ukufaka mayelana nephrojekthi.
- b) Ukubuyekeza kanye nokuphawula ngombiko ohleliwe we-Basic Assessment ozotholakala ngemuva kokuvakasha kwendawo.

Imininingwane yokuxhumana

Sicela athintane nosonhlalakahle uLufuno Mutshathama enombolweni athi : 011 791 5032 noma ku-073 912 0800 noma Lufuno@joanprojects.co.za ukuze uthole olunye ulwazi noma uphenyo.

BHALISA/IFOMU LOKUFAKA

IMINININGWANE YOKUXHUMANA

Igama/	
Inhlangano	
Isithakazelo	
Ikheli leposi	
Ucingo	
Faxa	
imeyili	

AMAZWANA:

Ukuphikisa /Akukho Ukuphikisa:	
Cela ulwazi olwengeziwe:	
Ukukhathazeka:	



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