

## **ISIFINYEZO ESIPHEZULU**

Umfakisiselo, iRaubex Construction (Pty) Ltd, ufaka isicelo sokugunyazwa kwezemvelo (EA) kanye nemvume yezimayini (MP) engaphezu kuka-4.91 ha ingxenye yeNdawo Esele yepulazi i-Elands Spruit No 5523, esifundeni seMantshi sasoThukela, KwaZulu-Natal. Isifundazwe.

Indawo yezimayini ehlelelwe umngcele ngqo nenkwali ekhona, ngakho-ke umfakisiselo ufisa ukuvikela insiza futhi uhlongoza ukumba inkwali ngokusebenzisa indlela yezimayini evulekile.

Indlela yezimayini izosebenzisa ukuqhumisa ukuze kuxegiswe idwala eliqinile; impahla izobe isilayishwa futhi ikhishwe lapho kumbiwa iyiswe endaweni ephathwayo yokugaywa lapho izobhekwa khona ukuze ifakwe esitokweni esinosayizi ohlukahlukene. Iqoqo lamatshe, igravel izogcinwa ize ithuthwe isuka endaweni kusetshenziswa amaloli e-tipper. Umnikazi wemvume uzoba nesibopho sokuvuselela yonke indawo lapho kuvalwa. Ingqalasizinda izoba eyesikhashana njengoba imvume yokumba izimayini ingasebenza iminyaka emi-5 kuphela. Amanye amathrekhi asepulazini angase adinge ukuthuthukiswa ukuze avumele ukuhamba kwezimoto ezihlobene nomsebenzi. Awekho amanzi azokhishwa esizeni, futhi imboni izonikwa amandla ngamajeneretha. Izindlu zangasese zamakhemikhali zizosetshenziswa, futhi iphrojekthi izoqoka abasebenzi bendawo abangu-±11 (kuhlanganise nabaphathi) abazothathwa ezindaweni ezizungezile futhi bathuthwe nsuku zonke bayiswe esizeni.

NgoJanuwari 19, 2023, uMnyango Wezokuthuthukiswa Komnotho, Ezokuvakasha, NezeMvelo (i-DEDTEA) wagunyaza isicelo sokuqoqwa kwempahla nendawo egayiwe ibe amahlektha ayi-10.5 epulazini elifanayo ngaphansi kwereferensi inombolo DC23/0005/2022. Uma kudingeka ukunqwabelana kwempahla eyengeziwe, umfakisiselo uzosebenzisa indawo egunyaziwe.

Iphrojekthi ehlongozwayo idinga i-EA & MP evela eMnyangweni Wezokumbiwa Namandla (DMRE). Lo mbiko, Uhlaka Lombiko Wokuhlola Okuyisisekelo, uyingxenye yezidingo zomnyango.

## **Okunye Okuncanyelwayo Kwesayithi**

Enye indlela yoku-1 yesiza iyindlela esebenza kakhulu njengoba indawo isemngceleni nenkwali ekhona, inhlabathi engaphezulu kanye/noma unqimba olusindayo olungaphezu kwamandla onyawo alushoni kakhulu, isisetshenziswa sisezingeni elihle, ukufinyelela nokuvuselelwa kwenziwa lula, kanye nemithelela ehlobene nemvelo yamukelekile.

## **Ingubo Yokubambiqhaza Komphakathi**

Izaziso zesiNgisi nezesiZulu zabekwa ezindaweni eziziqamile. Lolu hlelo luzokhangiswa kwiGazethi yaseLadysmith, kanti amapheshana esiZulu achaza ngalo msebenzi azosathalaliswa eMatiwane. Ababambiqhaza kanye nama-I&AP's bazokwaziswa ngephrojekthi ngezincwadi zezaziso. I-DBAR izotholakala eLadysmith Library izinsuku ezingu-30. Isikhathi sokuphawula sokucutshungulwa kwamadokhumenti kanye nokulethwa kwemibono sizophela zingama-21 Juni 2024. Imibono etholwe ku-DBAR izofakwa ku-BAR yokugcina ezothunyelwa kwa-DMRE.

## **Umbiko Wokuhlola Okuyisisekelo**

Okutholakele okubalulekile kombiko wokuhlola okuyisisekelo yilezi:

### **I-Topography:**

Ngenxa yokungenzeki kokungenisa inqwaba yezinto zokugcwalisa ukuze kubuyiselwe inkwali esimweni sayo sokuqala, ukhetho lokuvuselela (lapho kuvalwa) ukwenza imayini iphephe futhi iyishiye njengendawo encane yokwakheka kwezwe, kuyilapho izindawo ezizungeza ukumbiwa zizokwenza. buyela emadlelweni.

### **Izimpawu ezibonakalayo:**

Uhlaziyo olubukiwe lukhombisa ukuthi umthelela obonakalayo uzokhathaza okuphakathi njengoba indawo yezimayini izobonakala kakhulu eningizimu.

Uma kwenzeka indawo yemvume yezimayini (igunyazwe) isungulwa esizeni, umthelela obonakalayo endaweni etholwayo uthathwa njengobaluleke kakhulu.

### **Ikhwalithi Yomoya Nomsindo:**

Uma umfakisicelo enza izinyathelo zokunciphisa ezihlongozwayo umthelela wezinga lomoya lendawo ezungezile unokubaluleka okuphansi okuphakathi nendawo.

Nakuba umsebenzi ohlongozwayo uzoba nomthelela okhulayo emazingeni omsindo we-ambient, ukuthuthukiswa ngeke kwenzeka endaweni ehlanzekile, ngakho-ke umthelela uthathwa njengohambisana nokusebenza kwamanje kanye nokubaluleka okuphansi okumaphakathi.

Uma indawo yemvume yokumba izimayini (igunyazwe) isungulwe esizeni, isicefe sothuli esinqwabelene endaweni etholwayo (emva kokuncishiswa) kuthathwa njengobalulekile osezingeni eliphansi, kanti umsindo okhulayo (emva kokuncishiswa) uyoba ngophakathi nendawo. ukubaluleka.

### **I-Hydrology:**

Amaxhaphozi amabili angaphansi kwesigodi esinomsele kanye nomsele wamanzi akhunjwe ebangeni elingamamitha angama-500 ( $\pm 155$  m ukusuka) ukusuka lapho kuhrongozwa khona ukuthuthukiswa.

Awekho amaxhaphozi noma imisele yamanzi ehlonziwe ngaphakathi kwesicelo.

Isivimbeli esingama-40 m sahrongozwa njengendawo okungeyiwe kuyo eduze kwamaxhaphozi ahlonziwe. Indawo yezimayini ehlongozwayo ayinwebeki noma isondele (ngaphezulu kwamamitha ayi-100) endaweni ehlongozwayo ye-buffer.

Ucwangingo lwamaxhaphozi lwango-2024 lwaphetha ngokuthi imithelela ingase yehliswe ibe amazinga omthelela 'aphansi' amukelekayo.

Uchwepheshe uphawula (2024) ukuthi intuthuko ehlongozwayo ingathathwa njengeyamukelekayo ngokombono wezemvelo ngokusekelwe esimisweni sokuthi izinyathelo ezihlukahlukene zokunciphisa zilandelwa ngokuqinile ngesikhathi sezigaba ezihlukahlukene zenkwali.

□ NgoMasingana wezi-2023 imayini eyayihlongozwa phambilini phakathi kwamamitha angama-500 endaweni eyixhaphozi yagunyazwa ngaphansi kokugunyazwa okujwayelekile ngokwesigaba 39 se-NWA, 1998 yi-DWS.

*I-Terrestrial Biodiversity (kufaka phakathi i-Fauna ne-Flora):*

□ Kubonakala sengathi indawo kanye nezindawo ezizungezile zibe nomthelela ekugawulweni kwezitshalo ukuze kutholwe ukulima nokuthuthukiswa kwemigwaqo kusukela ngo-1944.

□ Umphakathi owodwa ohlukile wezitshalo zasemhlabeni (Indawo Eyehlisiwe eNyakatho yeKwaZulu-Natali enotshani obuswakeme) yabonwa esesimweni 'esimpofu' uma kuqhathaniswa.

□ Isitshalo esivikelwe esifundazweni, i-Aloe marlothii (Mountain Aloe) kanye ne-Cussonia spicata zikhona endaweni ephakathi kwamakoloni amakhulu (ezothuthwa). Awekho amanye ama-SCC ahlonziwe esizeni.

□ Indawo yezimayini ehlongozwayo ihlanganisa u-±4.91 ha we-Medium SEI Vegetation.

□ Uma kubhekwa ubuncane bokuthuthukiswa komklamo kanye nokusetshenziswa komhlaba okukhona kwendawo (amadlelo otshani aphazamisekile nagegetsheliwe asetshenziselwa ukuklaba) imithelela ekunyakazeni kwezilwane ngeke ibe yinto ekhathazayo.

□ Ukwengeza, imisebenzi yezimayini kanye nokuqongelela imfuyo iyasebenza esizeni - kulindeleke ukuthi lokhu kuphazamiseka bekuzosusa izilwane ezindaweni ezizungezile.

□ Uma kubhekwa ukuthi umthelela endaweni enotshani mancane amathuba okuthi uphikise izinhloso zokongiwa kwemvelo ezibekelwe lolu hlobo njengamanje, ukuchithwa kwezinhlobonhlobo zemvelo akubhekwa njengokubalulekile kulo msebenzi.

□ I-Eco-Pulse ilinganisa wonke umthelela wangemva kokuncishiswa komsebenzi ohlongozwayo ezitshalweni zamanje- kanye nesakhiwo sezilwane endaweni esetshenziswayo ukuba sibe nokubaluleka okuphansi ngokumaphakathi - okuphansi ngesikhathi sokwakha, futhi okulinganiselwe - ukubaluleka okuphansi ngesikhathi sokusebenza.

□ Ngaphansi kwesimo esingcono kakhulu sokunciphisa, iphrojekthi yamukeleka ngokwezemvelo ngokombono wezinto eziphilayo zasemhlabeni, inqobo nje uma izincomo zokunciphisa kanye nokuphatha zilandelwa ngokuqinile.

□ I-EDTEA igunyaze ukuthuthukiswa kwendawo enqwabelene yesitoko epulazini elifanayo ngoJanuwari 2023.

*Izilwane:*

□ Iqiniso eliyisisekelo lembula ukuthi ukuzwela okuphezulu kwezilwane (ithuluzi lokuhlola i-DFFE) lalingalungile ngenxa yobukhulu bokuphazamiseka kwezindawo zokuhlala kanye nokuqhekeka komgwaqo u-Collings Pass osebenza njengesithiyo sokufuduka kwezilwane eziphilayo.

Azikho izinhlobo zezilwane ezizwelayo noma zezilwane ezitholwe kwa-SANBI ezabonwa esizeni.

I-Eco-Pulse iphinde yaphawula ukuthi ukubonwa okubukwayo ngesikhathi sokuhlolwa kwendawo akuhlonze ukuthi ayikho i-SCC yezilwane, futhi abukho ubufakazi obutholakele obubonisa ukuthi kungenzeka kwenzeke endaweni yephrojekthi. Ngakho-ke mancane amathuba okuthi, uma kubhekwa izimo zendawo yokuhlala kanye nezinga lokuphazamiseka ukuthi izinhlobo zezilwane ezikhathazayo zokongiwa zenzeke endaweni ehlongozwayo. Ngakho-ke, imithelela ezilwaneni zokukhathazeka ngokongiwa kwemvelo ayinakwenzeka futhi ayinamsebenzi ngokuphelele.

Alikho iphutha elibonakalayo elibulalayo eliphathelene nezilwane elingavimbela lokhu kuthuthukiswa ekugunyazweni uma izinyathelo zokunciphisa nokuqapha eziphakanyiswe uchwepheshe zenziwa uMfakisicelo.

I-EDTEA igunyaze ukuthuthukiswa kwendawo enqwabelene yesitoko epulazini elifanayo ngoJanuwari 2023.

*Imvelo Yamasiko Namaququ:*

Awekho amasayithi abalulekile nge-archaeology, palaeontological, noma amasiko endaweni yocwaningo.

*Inggalasizinda ekhona:*

Uma izindlela zokunciphisa ezihlongozwayo kulo mbhalo ziqaliswa ingqalasizinda ekhona epulazini/ezakhiweni ezingomakhelwane ngeke yonakale.

Njengoba indawo yokufaka isicelo isivele ibekelwe ukumba izimayini (eyake yasetshenziselwa ukumba izimayini ngaphambilini), futhi umphumela wokuhlola okuyisisekelo wabonisa ukuthi iphrojekthi ehlongozwayo ingavunyelwa inqobo nje uma izindlela zokunciphisa kanye nezinhlelo zokuqapha seziqalisiwe, akukho phutha elibulalayo elingabonakala livimbela. umsebenzi uyaqhubeka. Inani lokuhlinzekwa kwezimali elizodingeka ukuze kuvuselelwe umsebenzi ngu-R 441 011.67.