

INCWADI YOLWAZI OLUYISENDLALELO YE- TRONOX KZN SANDS (PTY) LTD: UKWANDISA KA MAYINI YE-FAIRBREEZE UKUMBANDAKANYA IPULAZI LIKA-HELEZA MOYA

uNOVEMBA 2023

INJONGO YALE NCWADI

Inhloso yale ncwadi yolwazi oluyisendlalelo eyaziwa ngokuthi yi Background Information Document (BID) eyokunikeza abanesasasa nabathintekayo (ama-I&AP) ulwazi oluthe xaxa mayelana nezinhlalo kanye nehloso ka-Tronox yokufaka isicelo ukuze kugunyazwe ukufakwa kwepulazi iHeleza Moya ngaphansi kwendawo egunyaziwe yamalungelo ezimayini (Mining Rights Area).

Lo mbhalo uyingxenywe yoHlelo Oluyisisekelo (Basic Assessment (BA)) kanye nenqubo yokubonisana nababambiqhaza eyenziwa ngokuhambisana nezidingo zoMthetho Wokulawulwa Kwezemvelo Kuzwelonke (NEMA) noMthetho owengamele eZokuthuthukiswa Kwemithombo yeziMbiwa-phansi kanye noWoyela (MPRDA). Inqubo yezomthetho ichazwa ngokuqhubekayo kulo mbhalo.

Le BID ihlinzeka ngolwazi mayelana nephrojekthi, inqubo yokugunyazwa kwemvelo kanye nendima yababambiqhaza kulolu hlelo ukuze ababambe iqhaza bakwazi ukuphawula ngephrojekthi futhi baphakamise imibuzo kanye nokukhathazeka ukwazisa ububanzi boHlolo Oluyisisekelo (BA).

Umbiko Wokuhlola Okuyisisekelo ohloliwe (BA), ukusekela izifundo zochwepheshe kanye nohlelo lokuphathwa kwemvelo (EMP) izotholakala ukuze abanesasasa nabathintekayo (ama-I&AP) banganikeza ukuphawula kwabo.

Ababambiqhaza bayamenywa ukuba babhalise njengamaqembu athintekayo-I&AP futhi bahlanganyele ngenkuthalo kulenqubo ye-BA ngale ndlela elandelayo:

- Ukugcwalisa iPheshana LokuBhalisa Nokuveza izimvo ngokubhala ngesandla, ukuthumele nge-imeyili noma ngokusebenzisa isixhumanisi se-inthanethi esinikezwe kulo mbhalo.
- Ukunikeza imibono ngesicelo ngokuthinta iHhovisi Lokuhlanganyela Komphakathi (Public Participation Office) le-WSP ngemininingwane eboniswe kwesokudla.



ISENDLALELO SEPROJECT I-HELEZA MOYA

Tronox KZN Sands (Pty) Ltd (Tronox) isisebenze iminyaka elishumi eFairbreeze Mine, etholakala eningizimu-ntshonalanga nasedolobheni lase Mthunzini. Lemayini inegunya ukusebenza imigodi A, B, C kanye ne-C-Extension. Lemayini inendawo yokuhlulaza okuthiwa yi PWP kanye nendawo yokugcina izinsalela zenhlawulo (RSF). Umkhqiqizo we mayini uqukethe izimbiwa ezaziwa ngokuthi yi ilmenite, i-zircon, i-rutile. Umkhqiqizo uthuthwa ngomgwaqo ubhekiswe e-Tronox Central Processing Complex (CPC) yona ese Empangeni. Lemboni yilapho kuhlukaniswa izimbiwa kuphinde kube nesizinda sokuncibilikisa ukukhipha i-titanium dioxide kanye ne-pig iron.

Ngonyaka odlule (2022) i-Tronox yathenga indawo engamahektha ayi-118 ebizwa ngokuthi iHeleza Moya. Indawo yeHeleza Moya iphakathi kweFairbreeze PWP kanye ne ndawo yezimayini yomgodi B, futhi ngaphakathi kwale Ndawo Yelungelo Lokumba (MRA) yase-Fairbreeze.

uTronox wenza isicelo sokufaka lendawo yase Heleza Moya ukuze le ndawo ikwazi ukumbiwa kanye nomugodi B.

iHeleza Moya maqondana ne-MRA, ingqalasizinda egunyaziwe kanye nezindawo zezimayini kukhonjisiwe **kuMfanekiso 1**, kanye nezindawo ezihlongozwayo zokuthuthukiswa kwe-Heleza Moya. uTronox bajube i-WSP Group Africa (Pty) Ltd (WSP) njengo chwepheshe bokuhlulwa kweZemvelo (EAP) abazimele ukwenza inqubo yesicelo mayelana ne Hlolo Oluyisisekelo (BA).

Noma yimuphi umuntu, iqembu labantu noma inhlango enentshisekelo, noma ethintekile, intuthuko ehlongozwayo ingabhalisa njengomuntu othintekayo.

UKUZE UTHOLE ULWAZI OLUTHE XAXA, SICELA UTHINTANE NO:-

Public Participation Office; WSP Group Africa (Pty) Ltd;

PO Box 6001, Halfway House, 1685;

Ucingo: 011 254 4800; Ifeksi: 086 582 1561

I-imeyili: gld.pp@wsp.com

isixhumanisi sewebhusayithi: <https://www.wsp.com/en-za/services/public-documents>

INDAWO YEPHROJEKTHI, IMINININGWANE YOMHLABA

i-Fairbreeze Mine ikuMasipalani weNdawo yaseMlalazi owela ngaphansi kukaMasipala wesiFunda iKing Cetshwayo, KwaZulu-Natal. i-Fairbreeze MRA (bheka **Umfanekiso 1**) inqamula isigodi saseMthunzini enyakatho-mpumalanga futhi idlulela phansi ogwini, emngceleni ne-Umlalazi Nature Reserve, cishe amakhilomitha angu-13 ngaphambi kokusika ngaphesheya ngenxa yasentshonalanga kuya emgwaqweni kazwelonke we-N2. Izindawo ezivunyiwe zezimayini ze-Fairbreeze (Imigodi A, B, C kanye ne-C-Extension) kanye ne-PWP zitholakala phakathi komgwaqo omkhulu we-N2 kanye nomzila wesitimela osogwini. Umgodi A uhlukaniswe ngomzila wesitimela, ophenduka kude nogu oluseningizimu womgodi B. Phakathi nezwe kwe-N2, indawo yokucina izinsalela ze-Fairbreeze okuthiwa iMega Sebeka (RSF) kanye nesandiso esivunyiwe se-Everglades RSF, esakhiwayo, singatholakala kanye nengqalasizinda yokuphathwa kwamanzi ye-RSF. Ingxenye enkulu yomhlaba ngaphakathi kwe-MRA ihlala, ngaphansi kwamapulazi okhuni (timber) okuhweba noma amasimu okulima umoba.

Lephrojekthi manje ehlolwayo iphathelele nephasela lomhlaba elichazwe Njengokusele Kwengxenye (Remainder of Portion 3) yeLot Emoyeni No. 9105. Leli pulazi elincane phambilini laliphethwe yiHeleza Moya Farming (Pty) Ltd. Njengoba kushiwo ngaphambili iTronox yathola lendawo engamahektha ayi-118 ngo-2022 futhi yafaka iphasela lomhlaba ku-Fairbreeze MRA. Kule ndawo engamahektha ayi-118-ha iTronox izobamba amahektha ayi-73 kuphela okuhlongozwayo ukuba imbiwe endaweni eseduze nomgodi B. Indawo engaba ngamahektha ayi-10 izosetshenziselwa ukugcinwa ingqumbi yenhlabathi kanye nokubekwa kwezinto.

ISIMO SESAYITHI

Umhlaba ohlongozwayo usulinyiwe. Lendawo iqukethe indlu yasepulazini, kanye nezindawo eziningi zokuhlala zabasebenzi bezolimo. Ingxenye enkulu yomhlaba olimekayo kule ndawo ngaphambilini usetshenziselwe okulima umoba noma amahlathi okuhweba. Lendawo yehla eningizimu-mpumalanga ibheke ogwini.

Ingxenye ephansi kakhulu yendawo encikene nomzila wesitimela osogwini iqukethe umfudlana omncane onemvelaphi yawo entshonalanga yendawo phakathi kwe-mgodi B ne-mgodi A, futhi eduze nomgwaqo u-N2.

Lomfula ugeleza kule ndawo ekhoni eliseningizimu yendawo, uqhubeka ngasemngceleni oseningizimu-mpumalanga wendawo ukuze uphume ekhoni elingasempumalanga yendawo. Lapho umfudlana uphuma endaweni kukhona isiqephu esincane sezitshalo/sezihlahla zemvelo zokhuni ezisogwini (isiqephu esincane sehlati). Ngaphezu kwalokho, umfula omncane kulo mfula uvela endaweni eseduze nomngcele wasentshonalanga wendawo.

Ukuhlangana phakathi komhlaba nomfula noma umfudlana engxenyeni engezansi yesiza kuhlonziwe futhi uhlelo lwezimayini oluhlongozwayo alungeneleli kulezi zindawo. Isakhiwo esihlongozwayo maqondana nesimo sendawo yemvelo sikhonjiswe **kuMfanekiso 1**, olandela lo mbhalo.

PROJECT INFORMATION

Kunemigodi emine njengamanje eyenza ingxenye yeMayini yaseFairbreeze, eyaziwa ngokuthi:

- i-Fairbreeze A (FBA)
- i-Fairbreeze B (FBB)
- i-Fairbreeze C (FBC)
- i-Fairbreeze C - enwetshiwe (FBCX)

Isiphakamiso esikhona njengamanje esokuba kwandiswe i-FBB ukuze ifake nezindawo ezinomnotho ezinamaminali ngaphakathi kwepulazi laseHeleza Moya.**Umfanekiso 1** ukhombisa indawo ezothintwa yimisebenzi yezimayini ehlongozwayo (kuboniswa indawo enomthunzi oluhlaza esiqanduswe), kanye nengqalasizinda yokusekela/ehlobene neHeleza Moya Farm.

Ayikho ingqalasizinda entsha yokucubungula noma yokulahla imfucuzo ezodingeka. Lokhu kungenxa yokuthi isitshalo esidingekayo ukuhlaza amaminali kanye nengqalasizinda yokuxhasa umsebenzi wezimayini kanye nemikhumbi isivele ikhona futhi igunyazwe ngaphansi kwe- Isigunyazo Sezemvelo (EA) ye-Fairbreeze lokho kuvunywe ngu uMnyango Wemithombo Yezimbiwa-phansi Namandla (DMRE) (Ref: KZN30/5/1/2/2/123MR). i-EA ihlanganisa ukuphakelwa kwamanzi, ukuphakelwa kukagesi, imizila emigwaqweni engu-N2 naphuma kuyo, indawo yokuqala yokucubungula kanye nendawo yokucina izinsalela.

Ukuphila kokusebenza kwemayini (LoM) esele eMayini yase-Fairbreeze cishe iminyaka eyi-15, okusho ukuthi kuze kufike ku-2037 ngesilinganiselo sezimayini zamathani ayi-2 160 ngehora (tph). Ukwengeza ezindaweni ezihlongozwayo ze-Heleza Moya kuzonyusa i-LoM ngeminyaka emi-2, okusho ukuthi kuze kufike ku-2039.

Awukho umehluko esilinganisweni sezinga lezimayini, ngakho-ke alukho ushintsho oludingekayo kwingqalasizinda esunguliwe. Futhi, indawo yezinsalela inamandla okuthwala ezinye izinsalela zenhlawulo eyengeziwe.

INQUBO YEZIMAYINI

Indlela yezimayini ehlongozwayo izofana ncamashi naleyo esetshenziswa e-Fairbreeze njengamanje. Lokhu kuhlenganisa ukususwa kwezimila kanye nokuchithwa kwenhlabathi engaphezulu ukuze kuvezwe isihlabathi esinamaminerali. Inhlabathi engaphezulu iqoqwa ezindaweni ezihlonziwe futhi ivikelwe ukuze isetshenziswe ekubuyiseleni isimo lapho ukumba sekuqedliwe.

Indlela yezimayini esetshenziswa emayini yase-Fairbreeze i-Hydraulic Monitoring. Indiza yamanzi anomfutho ophezulu iqondiswe ebusweni bezimayini, ukusika nokukhulula isihlabathi esingaphakathi endaweni ukuze siwele phansi emgodini. Amanzi asebenza njengendawo yokuthwala izihlabathi zemayini (i-ROM) eziwashwayo zifike lapho zimpontshelwa khona e-Fairbreeze Primary Wet Plant (PWP) ukuze zicutshungulwe. Kukhiqizwa i-heavy mineral concentrate e-PWP ezobe ithuthwa ngamaloli iyoyiswa e-Tronox CPC eMpangeni ukuze ilungiswe. Impahla yokulahlwa noma i-slime evela ku-PWP izompontshelwa ku-RSF ekhona, kuyilapho izinsalela zesihlabathi ezigezekile zizophonswa zibuyiselwe endaweni yezimayini ukuze zivale isikhala sezimayini. Amanzi ampontshelwa abuyiselwe ezindaweni ezimbiwe anezihlabathi ezigeziwe atholwa ezindaweni ezingaphansi komgodi bese egaywa kabusha ukuze asetshenziswe ezimayini ezinama-hydraulic.

UKUKHUTHAZWA KWEPROJEKTHI

Ipulazi iHeleza Moya alizange litholakale ngesikhathi kuqalwa imayini yokuqala. Lesi siqeshana esincane somhlaba onamaminerali singaphakathi ngqo kwelungelo lezimayini. I-Tronox manje isisithengile lesi siqeshana somhlaba futhi ivumela uhlelo lweMayini ye-Fairbreeze ukuthi luthuthukiswe ukuze lufake izingxenywe ezisenyakatho ezinamaminerali zalesi siza futhi zimayini kanye ne-Pit B orebody, kwengeze iminyaka emibili empilweni yemayini. Ngalokhu, umnikelo wezomnotho we-Fairbreeze Mine nawo unwetshwa ngeminyaka emibili.

IZIFUNDO ZOMPESHI

Lolu cwaningo lochwepheshe olulandelayo, olwakhelwe iThuluzi Lokuhlola Lomnyango Wezokudoba, Amahlathi kanye Nezemvelo (DFFE's), kanye neminikelo evela kochwepheshe izokwenziwa njengengxenywe yenqubo ye-BA:

- | | |
|---|---|
| ▪ Ukuhlolwa Kwamagugu Nemvelo | ▪ Ukuhlolwa Komthelela Komphakathi |
| ▪ Isitatimende Somthelela Wezinga Lomoya | ▪ Imodeli yamanzi angaphansi komhlaba kanye nokuhlolwa komthelela |
| ▪ Isitatimende Somthelela Womsindo | ▪ Ukuhlolwa kwamanzi angaphezulu kanye nebhhalansi yamanzi |
| ▪ Ukuhlolwa Kwemvelo: Izitshalo Nezilwane | ▪ Isitatimende Somthelela Obukwayo |
| ▪ Umhlabathi kanye Namandla Ezolimo | |

UKUBAMBISANA ABABAMBIQHAZA

Inhloso yokuxoxisana nababambiqhaza ukuxoxisana nabathintekayo nabathintekayo emkhakheni kahulumeni kanye nezizimele njengengxenywe yenqubo yokuthatha izinqumo ngamaphrojekthi angabathinta.

Inqubo ihlose ukuthuthukisa nokugcina imigudu evulekile yokuxhumana phakathi kwethimba lephrojekthi kanye nababambiqhaza.

Lolu hlelo lunikeza ababambiqhaza ithuba lokuzwakalisa imibono yabo kanye nokukhathazeka mayelana nalo msebenzi ohlongozwayo.

Ngakho-ke, kuhloswe ukuthi ukuzibandakanya kwakho njengomuntu obambe iqhaza kule phrojekthi kuzoba nomthelela:

- Ububanzi bophenyo oluzokwazisa iBA.
- Okunye okucatshangelwayo kwephrojekthi.
- Izindlela zokubandakanya nokuxhumana nababambe iqhaza.
- Izinyathelo zokunciphisa ezingase zisetshenziswe kulo msebenzi.

Ukwengeza, ababambiqhaza banokuqonda isimo sendawo okufanele kuqashelwe futhi kucatshangelwe.

NgokoMthetho Wokuvikelwa Kolwazi Lomuntu Siqu (uMthetho No. 4 wezi-2013) (POPIA), ulwazi lomuntu siqu oluhlinzekwe ama-I&APs luzosetshenziselwa kuphela izinjongo zale phrojekthi futhi luzokwabelwana kuphela neMinyango kaHulumeni efanele njengoba izimfuneko zomthetho futhi ngeke kwabelwane ngazo nanoma ubani omunye ngaphandle kwemvume yakhe.

UHLAKA LWEZOMTHETHO

Umongo womthetho osebenza kule phrojekthi yezicelo ezihlongozwayo uhlanganisa umthetho osemqoka olandelayo:

- Mthetho Wokulawulwa Kwezemvelo Kuzwelonke (Act 107 of 1998), njengoba kuchitshiyelwe (NEMA) kanye ne NEMA imithethonqubo yokuhlola umthelela kwezemvelo (EIA Regulations) (2014), njengoba kuchitshiyelwe.
- noMthetho
- Wokuthuthukiswa Kwemithombo Yezimbiwa-phansi Nophethiloli, (Act 28 of 2002) (MPRDA).
- Ukuphathwa Kwemvelo Kazwelonke: Umthetho Wemfucuza (Act 59 of 2008) (NEM:WA).

Nakuba indawo yomhlaba waseHeleza Moya ihlanganiswe ukuze ibe yingxenye ye-MRA ye-Fairbreeze Mine (Ref: KZN/30/5/1/2/2/123MR), asikho isicelo sokumba lo mhlaba esenziwe. Isicelo se-EA sokumba ezingxenyeni ezihlonziwe zikaHeleza Moya kumele sifakwe eHhovisi LesiFunda laseDMRE KZN. i-BA imele ienziwe ukusekela isicelo se-EA. Lolu hlelo lwe-BA lwenziwa ngokweMithetho yeZaziso zikaHulumeni (GN R.) Inombolo. 982 ne 983 weMithetho ye-EIA (2014), njengoba kuchitshiyelwe.

Umsebenzi obangela imfuneko yokugunyazwa uchazwe ngezansi:

Umsebenzi Osohlwini	isichasiso	Ukuhlobana
Isaziso Sokufakwa Ohlwini 1 (GN R. 983, njengoba kuchitshiyelwe nge GN R. 517 ye-2021), Umsebenzi (Activity) 21D	Noma yimuphi umsebenzi obandakanya ukusebenza kwalowo msebenzi odinga ukuchitshiyelwa noma ukushintshwa kwelungelo noma imvume ngokwesigaba 102 soMthetho Wokuthuthukiswa KweziMbiwa Nezimbiwa, kanye nanoma yimuphi omunye umsebenzi osebenzayo oquketshwe kulesi Saziso Sohlwini noma Isaziso Sohlwini 3. ka-2014, okudingekayo ukuze kuchitshiyelwe	Kuzofakwa isicelo se-S102 sokufaka iHeleza Moya Farm ilungelo lezimayini

Le nqubo ye-BA izolandela izidingo ezisohlwini l eSigabeni 19-20 kanye neSithasiselo 1 sika-GN R 982 seMithethonqubo ye-EIA (2014), njengoba ichitshiyelwe.

Izinsalela zizogcinwa endaweni enelayisensi ye-Fairbreeze okuthiwa Mega Sebeka (RSF)/Everglades.

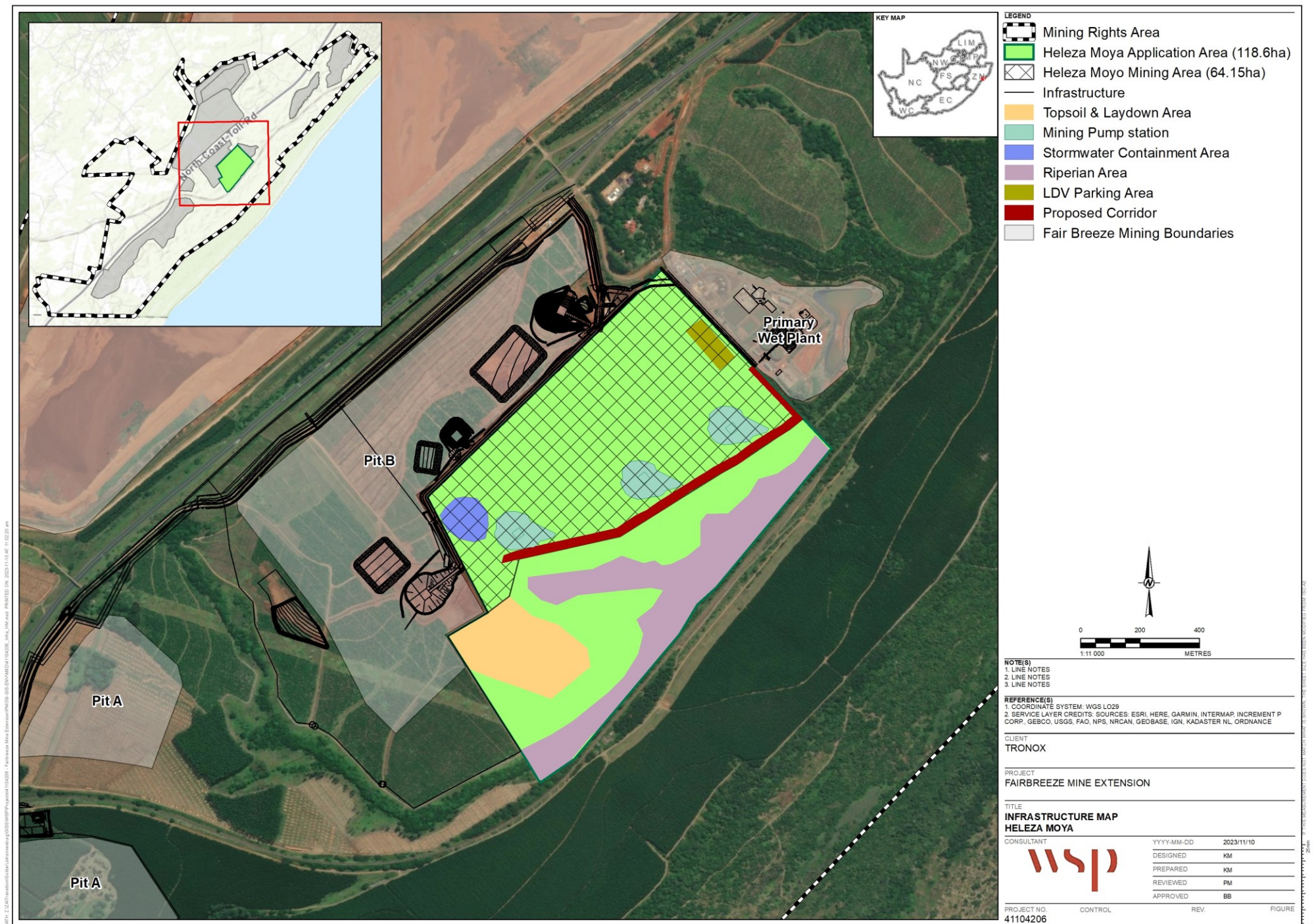
INQUBO YOKUHLOLA EYISISEKELO EJWAYELEKILE

ISIGABA	INCAZELO
Isicelo sangaphambili	▪ Ukuqoqa ulwazi ▪ Ukubuyekizwa kwezomthetho nokuhlolwa, ukuhlonza imisebenzi efakwe ohlwini lwe-EIA ▪ Ukubonisana kwangaphambi kwesicelo ne-Competent Authority (CA)
Isicelo	▪ Hlanganisa futhi ufake isicelo se-EA ▪ Thola ukuvunywa kokutholwa kwesicelo (Izinsuku eziyi-10) ▪ Hlanganisa uhlaka lwe-BA Report (ohlunganisa izifundo zochwepheshe)
Ukubamba iqhaza komphakathi	▪ Isikhathi sokuphawula soMbiko Osalungiswa Wokuhlola Okuyisisekelo okuhlanganisa nomhlangano weqembu okugxilwe kuwo (uma kudingeka) (izinsuku ezingama-30) ▪ Umbiko wemibono nezimpendulo (CRR)
Ukulethwa Kombiko Wokuhlola Okuyisisekelo	▪ Ukulethwa kombiko wokugcina we-BA kuCA ▪ Ukukhishwa Kwesinqumo yi-CA (izinsuku eziyi-107 zokulethwa kombiko)
Isinqumo Nezaziso kanye Nenqubo Yezikhalazo	▪ I-CA inikela/inqaba ukugunyazwa ▪ Isaziso kuma-I&APs abhalisiwe ngesinqumo se-CA ▪ Isaziso kuma-I&APs abhalisiwe ngoNqubo Lwezikhalazo (Izinsuku eziyi-14 zokwamukelwa kwesinqumo) ▪ Ithuba lokudlulisa isikhalazo (izinsuku ezingama-20)

QALA

SILAPHA

ISIPHETHO



Mfanekiso 1: iMephu yesibonelo yesakhiwo se-Heleza Moya