



West Africa's Next Tier-1 Gold Mine

ASX:PDI

Diggers & Dealers
Mining Forum
August 2023

Forward looking statements, disclaimer and compliance

This presentation contains only a brief overview of Predictive Discovery Ltd and its associated entities ("PDI" or "Predictive") and their respective activities. The contents of this presentation, including matters relating to the geology of the projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification. This presentation contains a number of forward-looking statements. Known and unknown risks and uncertainties, and factors outside of Predictive's control, may cause the actual results, performance and achievements of PDI to differ materially from those expressed or implied in this presentation. To the maximum extent permitted by law, PDI does not warrant the accuracy, currency or completeness of the information in this presentation, nor the future performance of PDI, and will not be responsible for any loss or damage arising from the use of the information. The information contained in this presentation is not a substitute for detailed investigation or analysis of any particular issue. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to Predictive or its activities.

Competent Person Statement and Compliance Statement

The Mineral Resource estimates reported herein are based on information compiled by Mr Phil Jankowski, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Jankowski is a full-time employee of CSA Global Pty Ltd and has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Mineral Resource estimate referred to in this presentation was released to ASX on 7 August 2023. The Company it is not aware of any new information or data that materially affects the mineral resource estimate contained in this announcement and all material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

The information in this announcement that relates to prior Exploration Results have been extracted from ASX market announcements detailed in the "Material ASX Releases" slide in the appendix. The Company confirms that it is not aware of any new information or data that materially affects previous exploration results referred to in this announcement. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the relevant original market announcements.

This presentation has been authorised for release by Andrew Pardey, Managing Director.

Company highlights

All the ingredients for a Tier-1 gold mine, with potential for additional discoveries

Company fundamentals

- **Exploration/development company with a Tier-1 gold asset in Guinea**
- ASX listed (ASX: PDI)
- Market cap A\$351m*
- Sustainable development strategy with strong environmental and social focus
- Dual strategy to progress NEB/BC towards development and unlock the full exploration potential of Bankan
- Best-in-class technical and ESG partners

Bankan deposits

- **5.38Moz resource at NEB (4.89Moz) and BC (487Koz)**
- 77% or 4.14Moz of the resource classified as Indicated
- NEB includes a high-grade underground resource of 896Koz at 4.07g/t (Inferred)
- Upside potential at both deposits
- Focus on delivering a Scoping Study in late 2023 to secure a Mining Permit in H1 2024

Bankan regional upside

- **Potential for additional major discoveries**
- Birimian/Archean contact hosts some of Africa's largest gold discoveries
- 35km-long richly gold endowed structure
- Exploration and discovery in its infancy
- Dedicated regional exploration team and increasing focus in 2023

Management team

- **The right Management Team to build & operate the mine**
- Strong track record of building out resource bases and putting mines into production
- Strategy in place to increase Bankan resource and develop into a mine

*Market capitalisation as at 4 August 2023

The right team

Highly experienced Board and senior management team

Board	Simon Jackson Non-Executive Chairman					Steven Michael Non-Executive Director
	<ul style="list-style-type: none">25 years' experience in the management of resource companies, particularly in AfricaFormer senior management at Red Back which developed and operated two gold mines in West Africa and was sold to Kinross for C\$9.3bNon-Executive Chairman of Sarama Resources Limited (TSX-V:SWA, ASX:SRR) and Non-Executive Director Resolute Mining (ASX/LSE:RSG)	Andrew Pardey Managing Director	Sandra Bates Non-Executive Director			
Management						
	Marlyatou Balde Country Manager	Pierre Louw Chief Financial Officer	Andre Pieters ESG Manager	Franck Bizouerne Resource & Geology Manager	Chris Boreham Project Feasibility Manager	Brad Milne Corp Dev Manager
	<ul style="list-style-type: none">Guinean National and geologist with 25+ years' experience in the resource industryMost recently, Technical Advisor to the Minister of Mines and Geology - Guinea	<ul style="list-style-type: none">Senior accountant with 35+ years' experienceHas worked extensively in Africa, including Tanzania, Egypt, Zambia and South AfricaPreviously CFO for Centamin, FD of Lumwana Mining Company in Zambia (Equinox), finance and business manager of Geita Gold Mine Tanzania	<ul style="list-style-type: none">25+ years' environmental and social compliance experience in infrastructure development and miningMost recent role in Guinea was leading the environmental compliance program for a major bauxite exporterPrevious roles include Kinross Tasiast Mauritania Environment Superintendent/Manager	<ul style="list-style-type: none">25+ years' experience in greenfield and brownfield exploration in gold and other minerals across AfricaHas worked with explorers, mid-tier and major miners, including Orano, Endeavour Mining and Rio TintoSuccessfully developed resource of several mines such as Youga in Burkina Faso, and Angovia and Agbaou in Cote d'Ivoire	<ul style="list-style-type: none">Mining Engineer 30+ years' experience in hard rock mining underground and open pit, both owner operator and contract miningHas delivered feasibility studies across Australia, China and AfricaPreviously General Manager Sukari Gold Mine Egypt	<ul style="list-style-type: none">15+ years' corporate development and investment banking experience in the resources industryInvestor relations, business development, transactions, studies, debt and equity fundingPrevious roles include Corporate Development Manager at BCI Minerals

Corporate overview

2,067M

Shares on issue

A\$45M

Cash (at 30 June 2023)

A\$351M

Market cap (at 4 August 2023)



Technical and ESG partners



Research

Australia	UK
 ARGONAUT Ben Crooks	 EUROZ HARTLEYS Mike Millikan
 cg/Canaccord Genuity Paul Howard	 SCP RESOURCE FINANCE Brock Salier
 Barrenjoey* Richard Knights	 BMO Raj Ray
	 STIFEL Andrew Breichmanas

Major shareholders

 BlackRock® (12.6%)	 CAPITAL (9.8%)
<p>Other institutional shareholders (~30%)</p>	



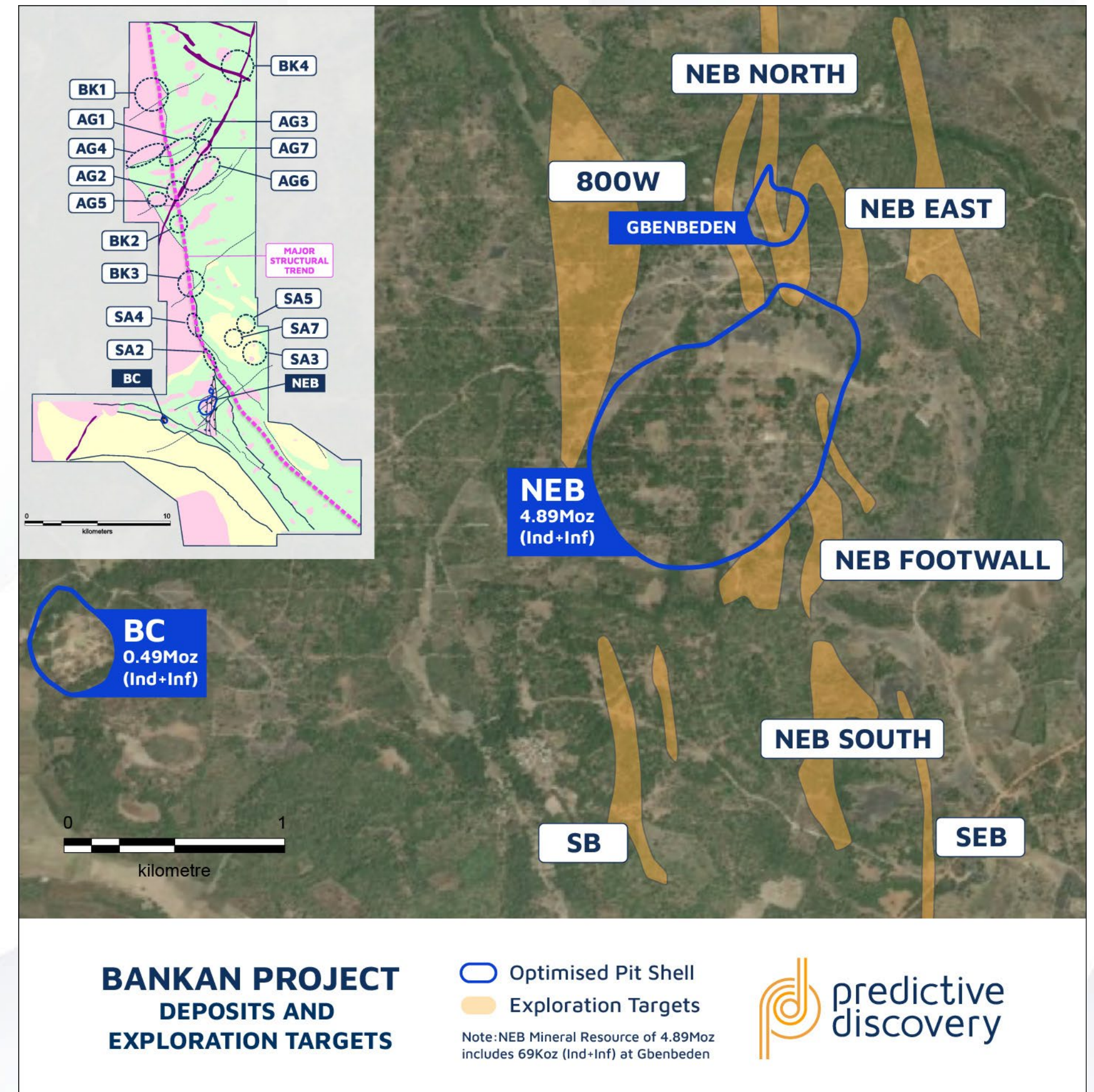
5.38Moz
at 1.66g/t Au

Bankan Gold Project

Introduction to Bankan

West Africa's next Tier-1 gold deposit

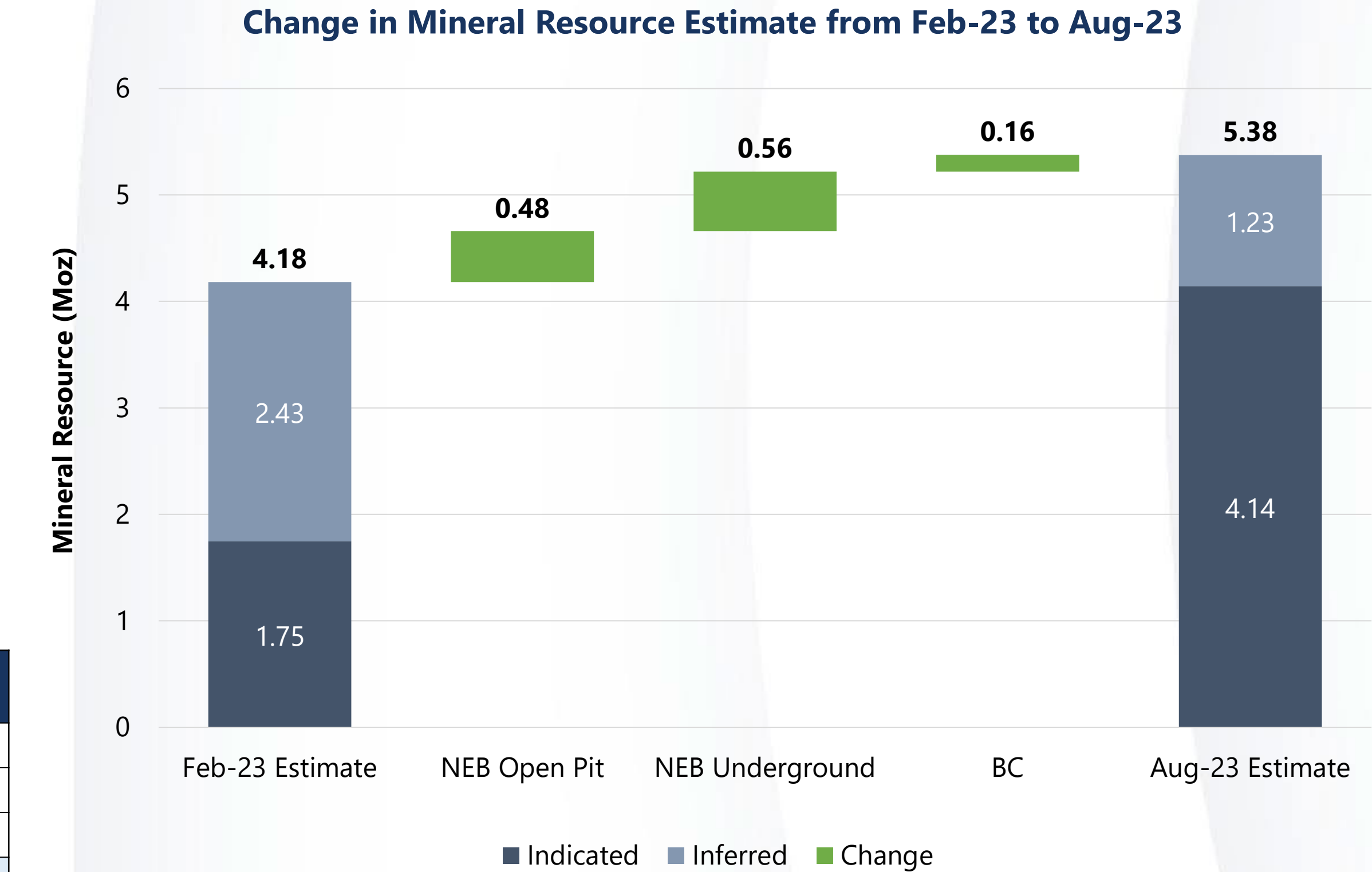
- Four contiguous exploration permits covering a 35km-long richly gold endowed super structure
- Mineral Resource of 5.38Moz @ 1.66g/t across two separate deposits¹
 - **NEB:** 4.89Moz @ 1.72g/t (Ind & Inf)
 - **BC:** 0.49Moz @ 1.24g/t (Ind & Inf)
- Extensive drilling programs (83,000m of DD/RC in FY23) have successfully grown and upgraded the Mineral Resource
- Straightforward open pit project with significant potential for high-grade underground mining at NEB
- Simple metallurgy amenable to industry-standard CIL processing and high gold recoveries
- Scoping Study due to be completed late 2023 – crucial for permitting process
- Increasing focus on Bankan's significant near-resource and regional exploration potential – RC drilling ongoing



Bankan Mineral Resource update

Significant increase and upgrade of the NEB and BC Mineral Resources

- 5.38Moz across NEB (4.89Moz) and BC (487Koz)
- 1.20Moz or 29% increase from the Feb-23 estimate
- Increases achieved across all areas – NEB Open Pit, NEB Underground and BC
- Major upgrade in classification, with 4.14Moz or 77% in Indicated
- Improved resource classification provides a strong platform for the Scoping Study to be completed in late 2023

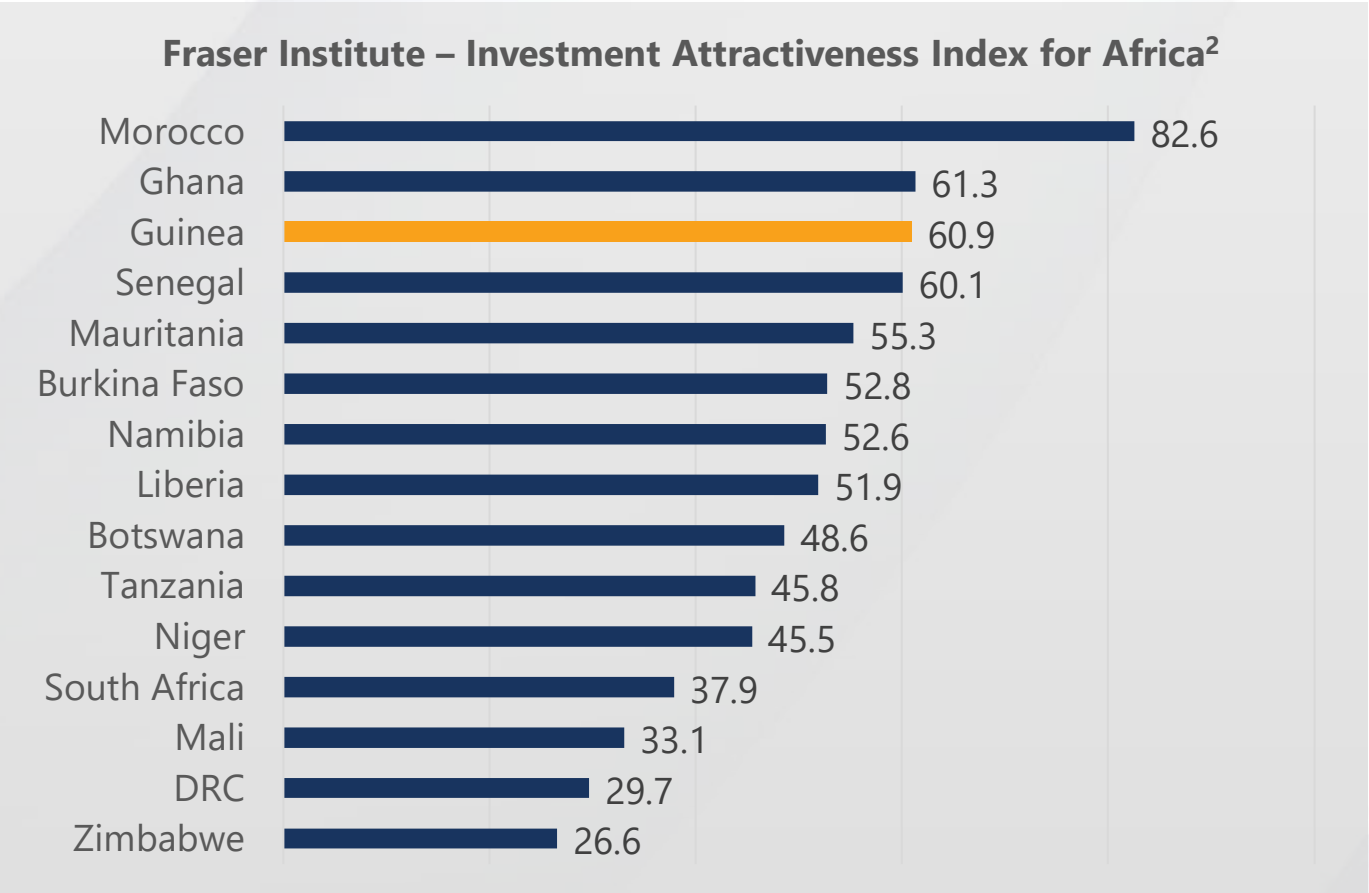
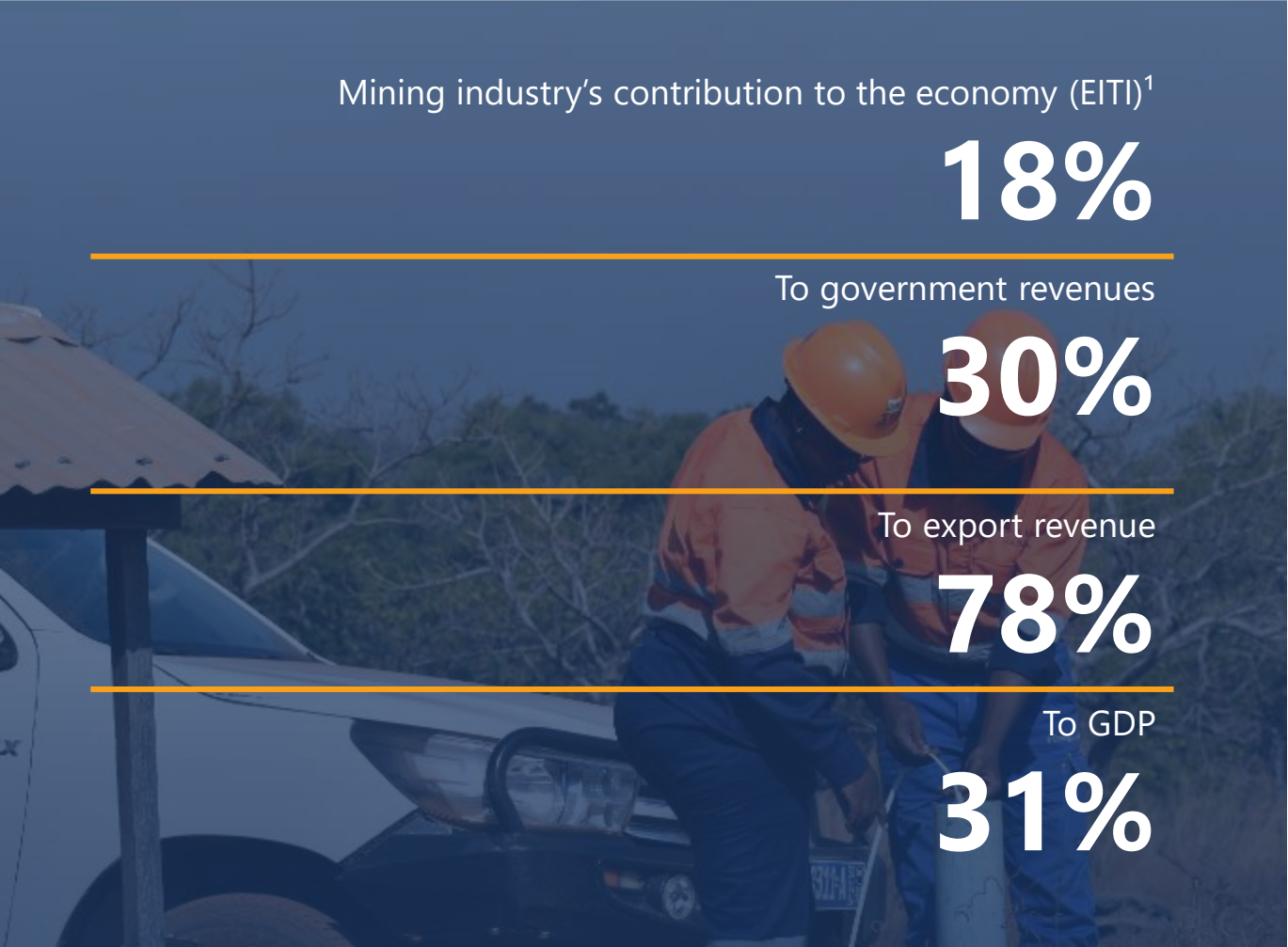


Deposit	Cut-off (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
NEB O/P (Ind+Inf)	0.5	81.4	1.53	3,993
NEB U/G (Ind+Inf)	2.0	6.8	4.07	896
BC O/P (Ind+Inf)	0.4	12.2	1.24	487
Total Bankan Project		100.5	1.66	5,376

About Guinea

Mature resources industry; West Africa’s next major gold region

- **Established mining code & fiscal regime**
 - Royalty of 5% plus a 1% contribution to local Development
 - Corporate tax rate of 30%
 - State entitled to 15% free carry
 - Advanced and robust environmental management expectations
- **Stable and mature mining jurisdiction**
 - Low security risk, uninterrupted mining, geologically fertile and underexplored region
 - Mining an important contributor to Guinea’s economy
 - World’s third largest bauxite producer and exporter
 - Established and long running gold industry with two major mines
 - Ranked third on Fraser Institute Investment Attractiveness Index for Africa²
 - Major global resource companies operating in country
- **Positive, two-way communication with Mining and Environmental Ministries**
 - Regular engagement at all levels

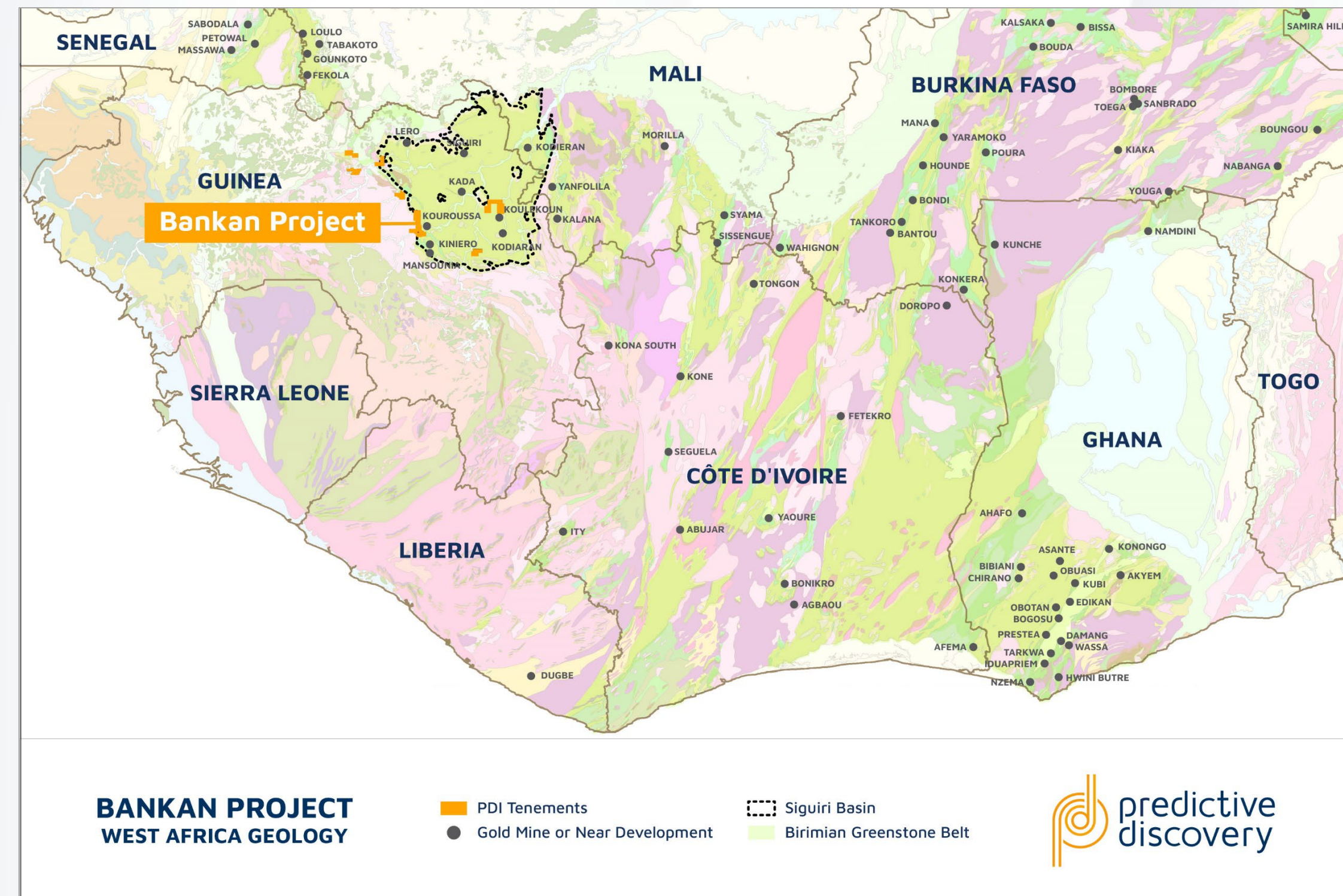


1. <https://eiti.org/news/guinea-achieves-high-score-eiti-implementation>
2. <https://www.fraserinstitute.org/sites/default/files/annual-survey-of-mining-companies-2021.pdf>

Guinea's Siguiri Basin

Bankan strategically located in the centre of Guinea's new gold rush

- Siguiri Basin is the least explored region within the West African Birimian Greenstone belt
- Hosts mines and deposits including:
 - **AngloGold Ashanti's Siguiri Gold Mine**
(9.2Moz gold resource; 279Koz 2022 production; operating for 25 years)
 - **Nordgold's Lefa Gold Mine**
(4.5Moz gold resource; 163Koz 2021 production; operating for 15 years)
 - **Hummingbird's Kouroussa Gold Mine**
(1.2Moz gold resource; first gold pour achieved in June 2023; targeting 100Koz pa over 7 years)
 - **Robex's Kiniero Gold Project**
(2.5Moz gold resource; DFS completed; targeting 90Koz pa over 9.5 years)
- Siguiri Basin's margins now globally recognised to be a richly mineralised fluid conduit, perfect for large greenfields gold discovery



ESG focus

Committed to the sustainable development of Bankan

ESG strategy & goals

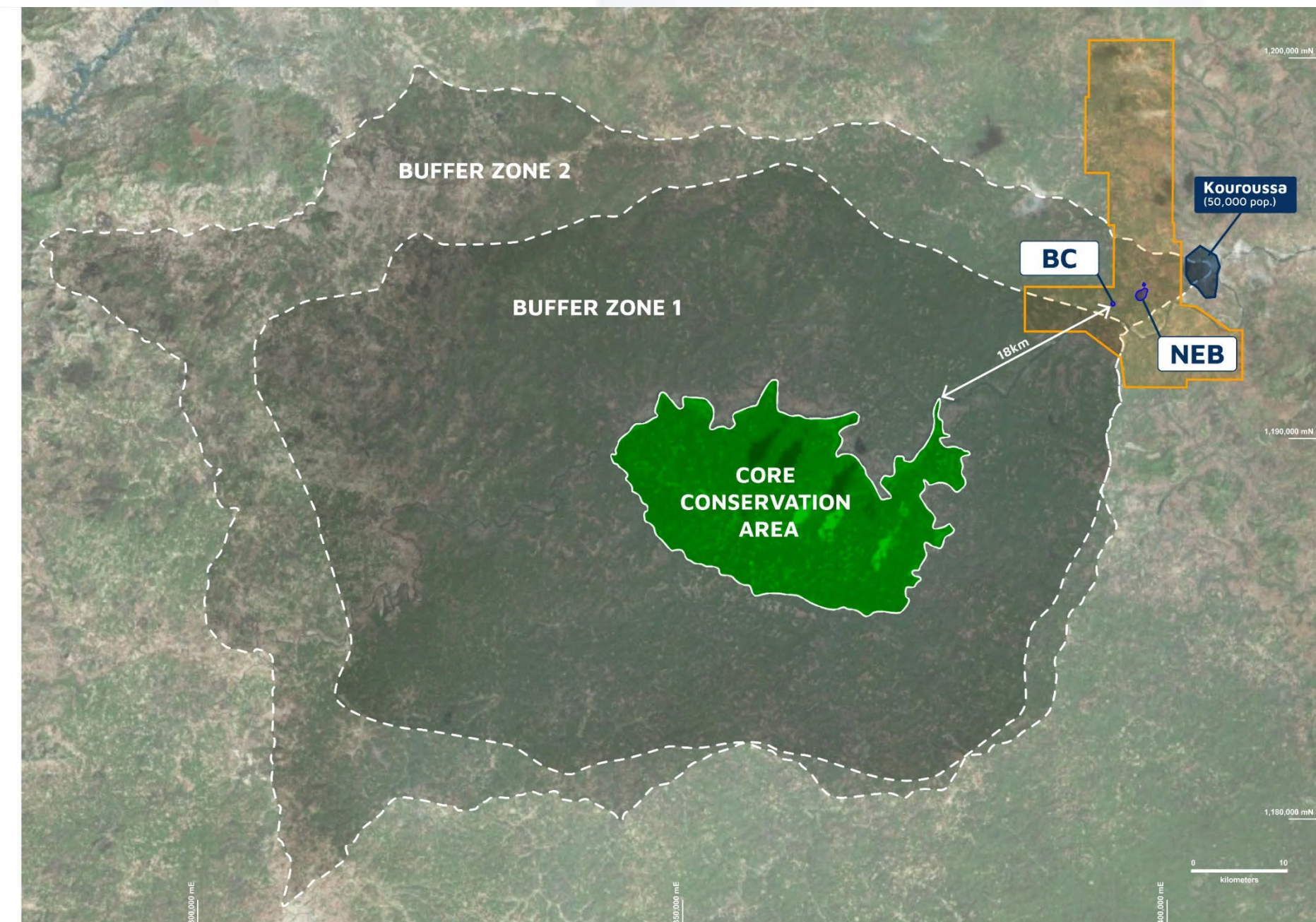
- Develop Bankan in an environmentally and socially sustainable manner, with strong support from key stakeholders
- Protect the environment and improve outcomes in the region, especially in the Core Conservation Area
- Positively impact our local communities and host country (Guinea)

Bankan's context

- NEB and BC deposits located in Buffer Zone 2 of the Upper Niger National Park ("Park"), 18-21km from the Core Conservation Area
- The Park comprises the following zones:
 - Core Conservation Area with the sole purpose of fauna and flora conservation
 - Buffer Zone 1 in which agricultural activities are permitted
 - Buffer Zone 2 in which multiple use activities are permitted
- Whist mining is not allowed in Buffer Zone 2, there are precedents in Guinea for mining permits to be granted within Protected Areas
- PDI has strong Government and community support for the project

BANKAN PROJECT UPPER NIGER NATIONAL PARK

- Legend
- PDI Permit
 - PDI Deposits
 - Kouroussa Town
 - Core Conservation Area
 - Buffer Zone 1
 - Buffer Zone 2



ESG activities

- ESG Committee established to provide Board level oversight
- Completing extensive Environmental & Social Impact Assessment ("ESIA") by late 2023
- Engaging with the Government and other key stakeholders to refine the permitting process / requirements for the project
- Engaging with local communities and supporting community initiatives
- Collaborating to support the Park (funding the annual fire management campaign; participation of Park officials in PDI's environmental surveys)

Landscapes within the Upper Niger National Park

The mix and quality of land varies greatly within the different zones

Mix of natural and modified habitats across project area – much of natural habitat significantly disturbed by anthropogenic activities including subsistence agriculture, slash-and-burn, exploration clearance and artisanal gold mining.



Good quality wooded savannah in the Park



Degraded landscape in Buffer Zone 2 near the NEB deposit

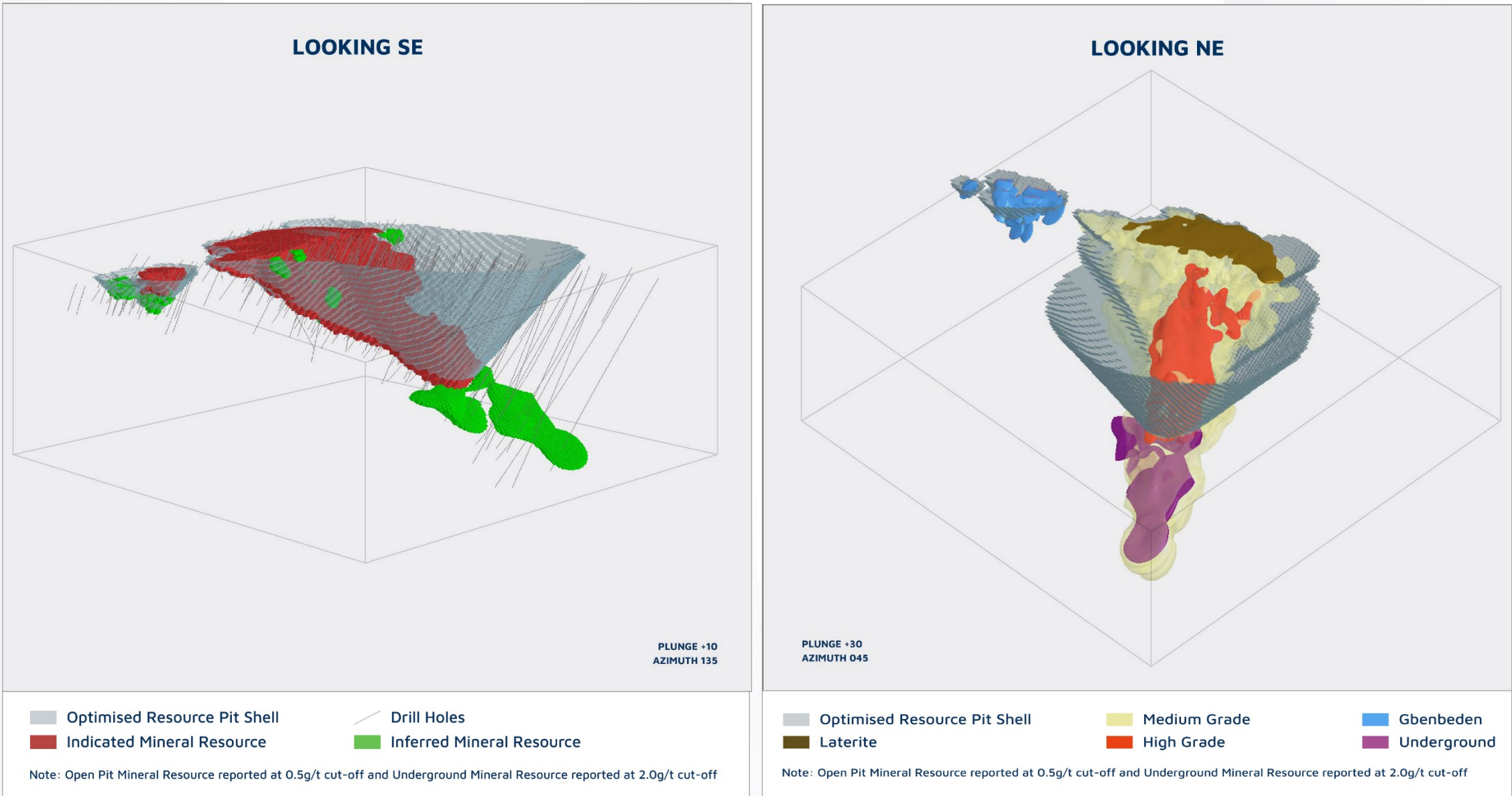
NEB deposit

Large-scale orebody with excellent consistency

- Large open pit resource (3.99Moz @ 1.53g/t) and high-grade underground resource (896Koz @ 4.07g/t)
- Total increase of more than 1Moz compared to Feb-23 estimate
- 3.90Moz (98%) of the open pit resource in Indicated – high confidence in the geology and mineralisation
- High-grade core of 1.90Moz @ 5.21g/t
- High-grade underground resource increased by 560Koz or 170% to 896Koz – expansion of main zone and definition of new “intersection” and “footwall” zones
- Upside to continue growing NEB
 - Underground resource at depth, to the south and in footwall
 - Additional high-grade shoots in the main NEB pit shell which are largely untested by drilling
 - Gbenbeden open at depth and to the north
 - Numerous near-resource targets

Deposit	Classification	Cut-off (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
NEB Open Pit	Indicated	0.5	78.4	1.55	3,900
	Inferred	0.5	3.1	0.91	92
	Total		81.4	1.53	3,993
NEB Underground	Inferred	2.0	6.8	4.07	896
NEB Total			88.3	1.72	4,888

Refer to notes in Appendix



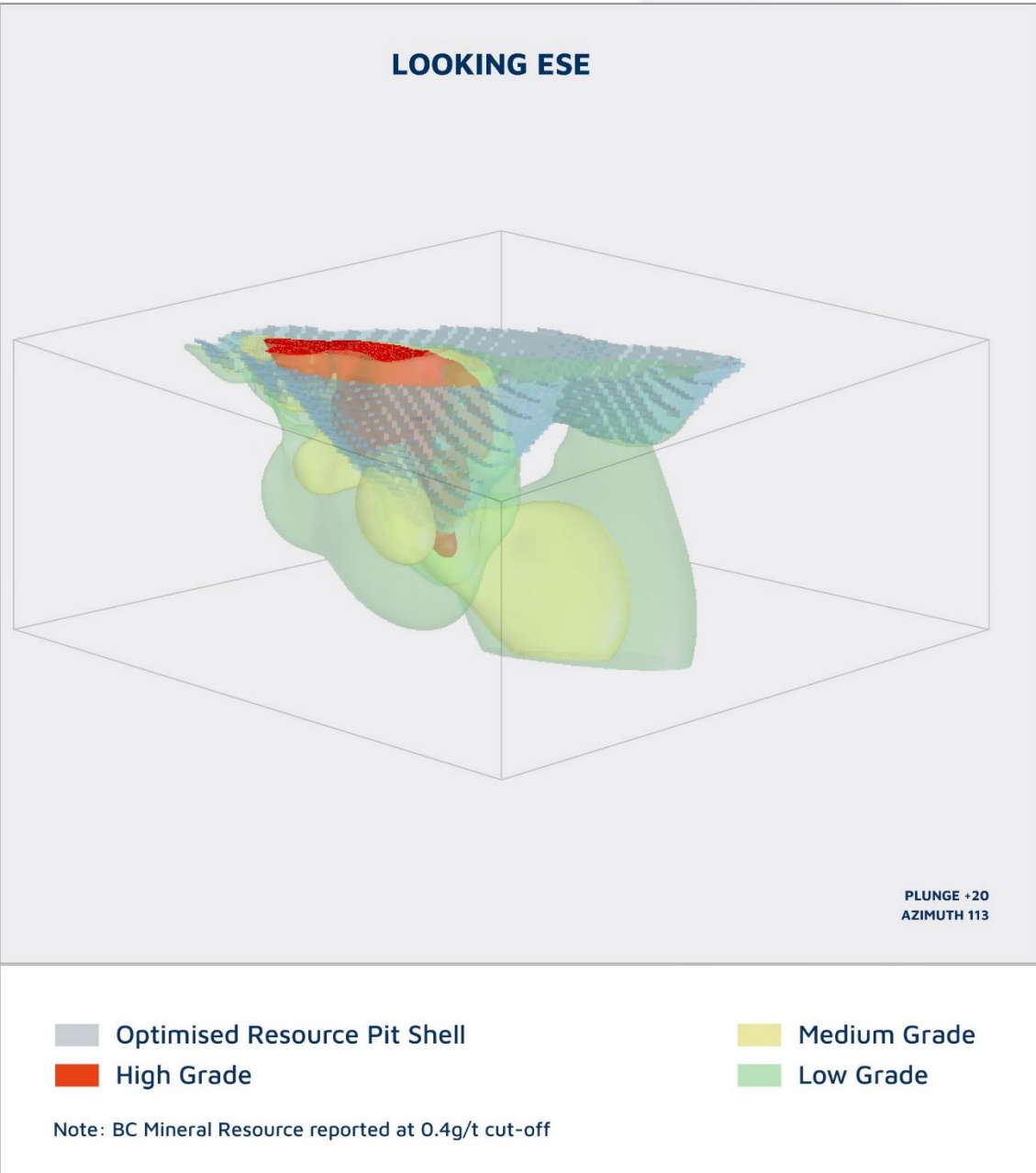
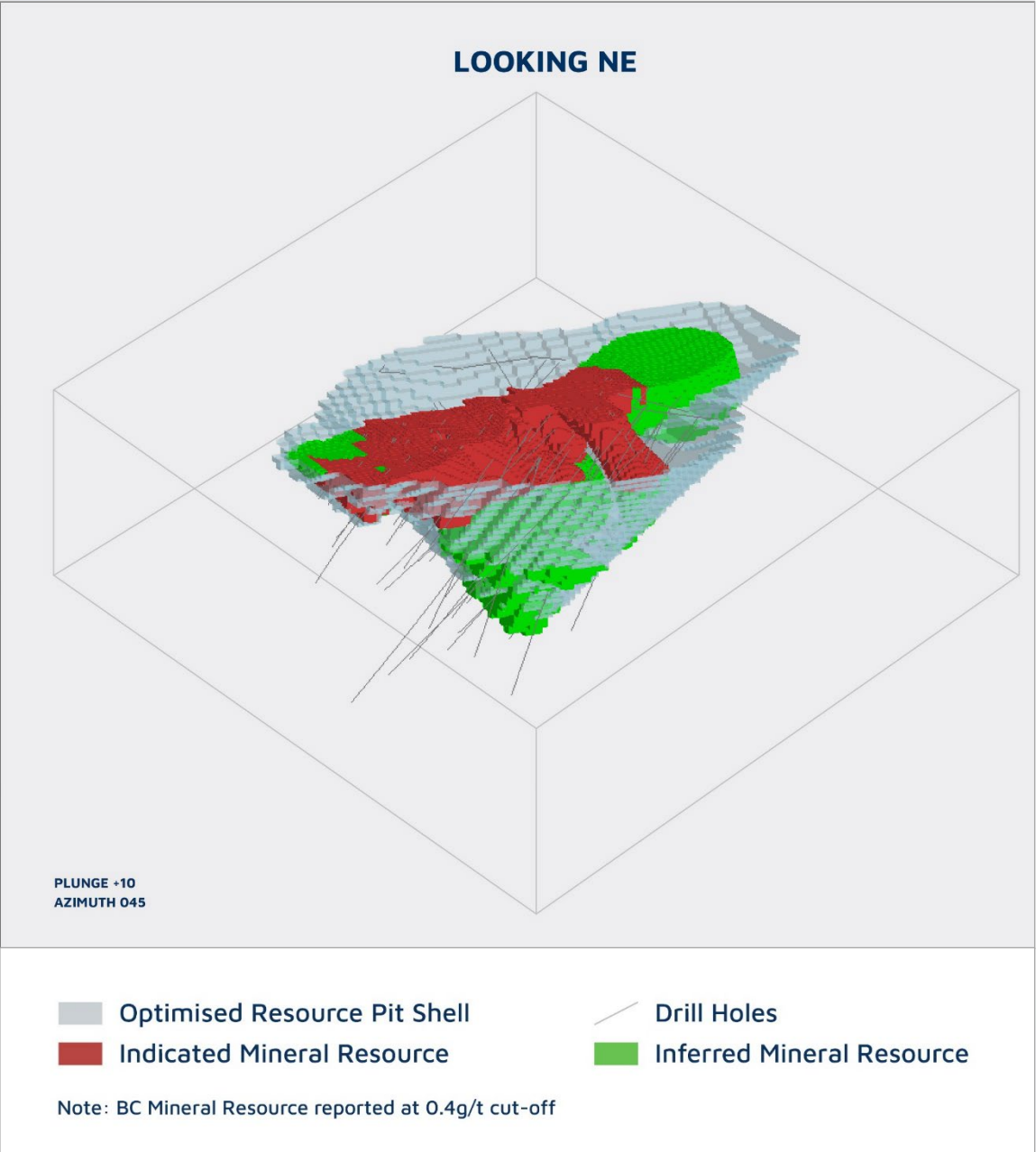
BC deposit

487Koz only 3km west of NEB

- Open pit resource of 487Koz @ 1.24g/t within an orogenic gold deposit
- Increase of 156Koz or 47% compared to Feb-23 estimate
- 244Koz (50%) classified as Indicated – upper 70m of the deposit
- Open down-plunge to the south-west and along strike to the south

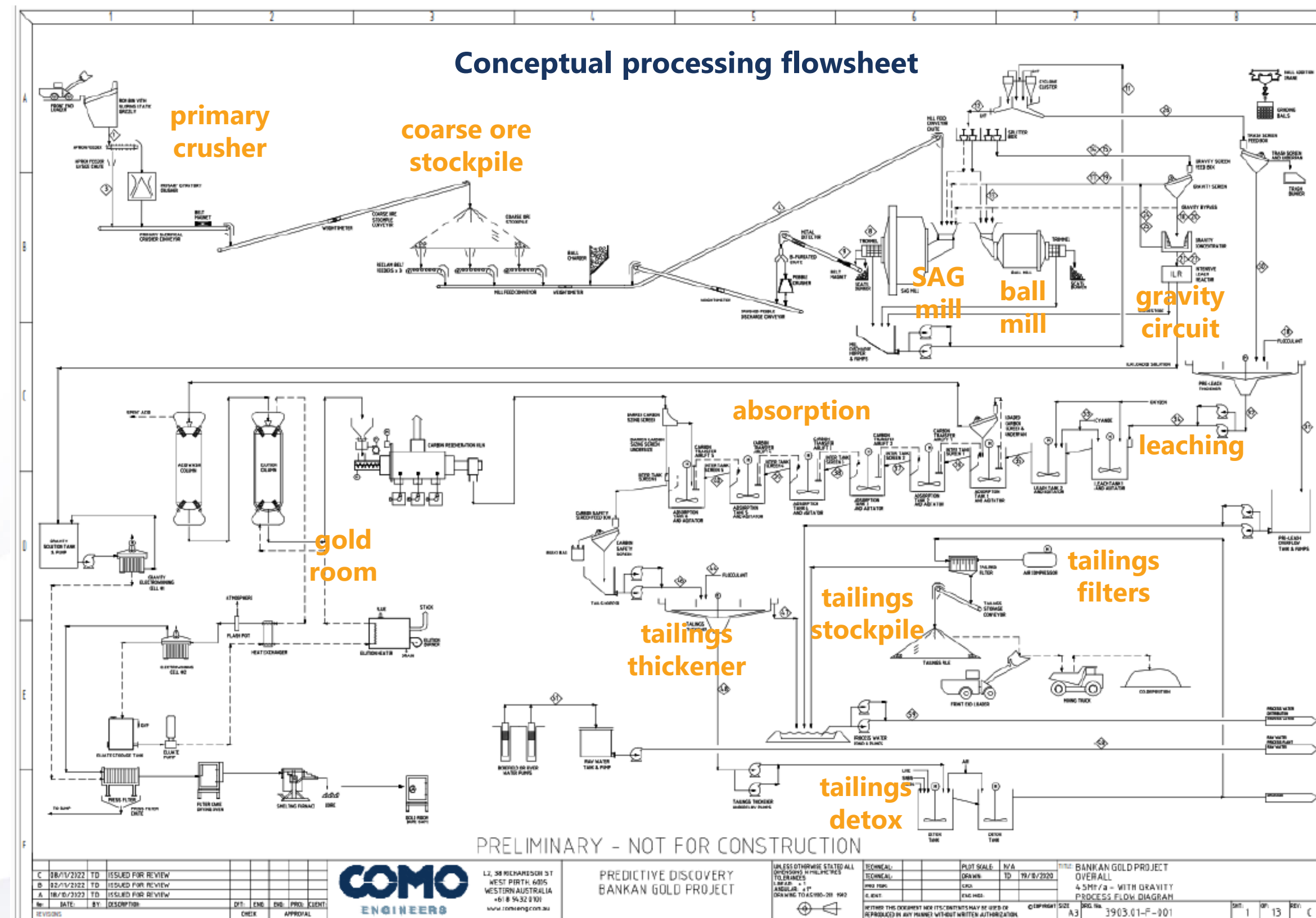
Deposit	Classification	Cut-off (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
BC Open Pit	Indicated	0.4	5.3	1.42	244
	Inferred	0.4	6.9	1.09	243
BC Total			12.2	1.24	487


Refer to notes in Appendix



Straightforward and simple metallurgy

- Initial metallurgical test work completed on the high-grade zone in the lower area of the current pit shell with an average recovery of 92.8%
- Two sample streams tested:
 - Gravity concentrated then selected random sample tails leached. All samples tested completed leaching within 24 hours for an average recovery of 94%
 - Complete sample leach testing, target grind of p80 passing 75 micron, Leaching times with 69 sample leach kinetics indicating completion within 48 hours
- Gold mineralisation confirmed as free-milling with high gold recoveries and amenable to simple, industry-standard processing
- Gravity recovery of up to 54%
- Ball Mill Bond Work Index of 18 to 25kWh/t for fresh ore



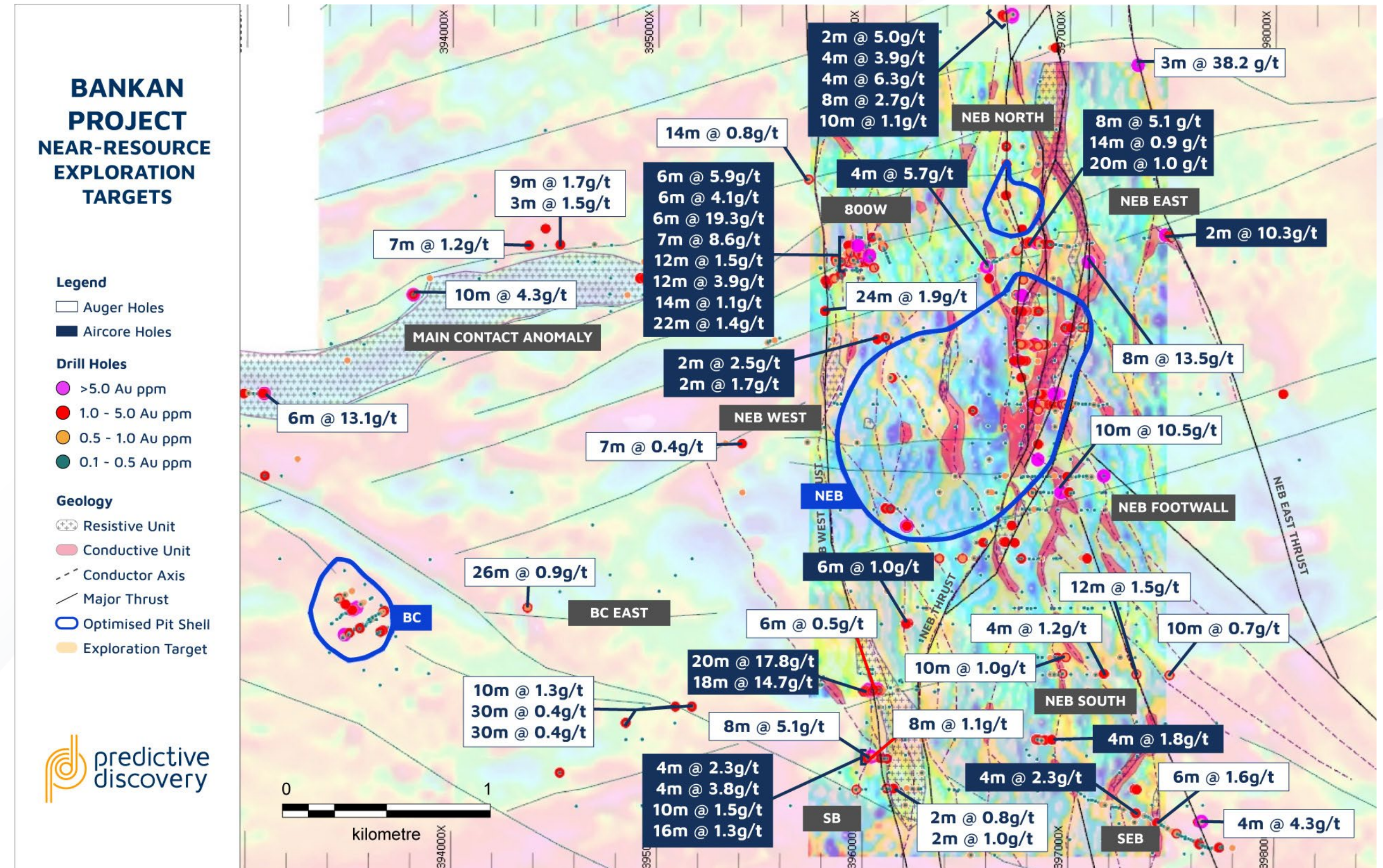
An aerial photograph of an oil drilling site in a savanna landscape. The site is located in a cleared area of dry, reddish-brown soil, surrounded by dense green vegetation and scattered trees. A large drilling rig with a long crane arm is the central feature, with various pipes and equipment visible. Several white storage tanks are parked nearby. A dirt road or path leads towards the site from the top of the frame. The overall scene depicts industrial activity in a natural environment.

Seeking to prove up
the full potential of
the Bankan permits

Near-Resource & Regional Exploration

Early work highlights multi-deposit potential within 5km of NEB

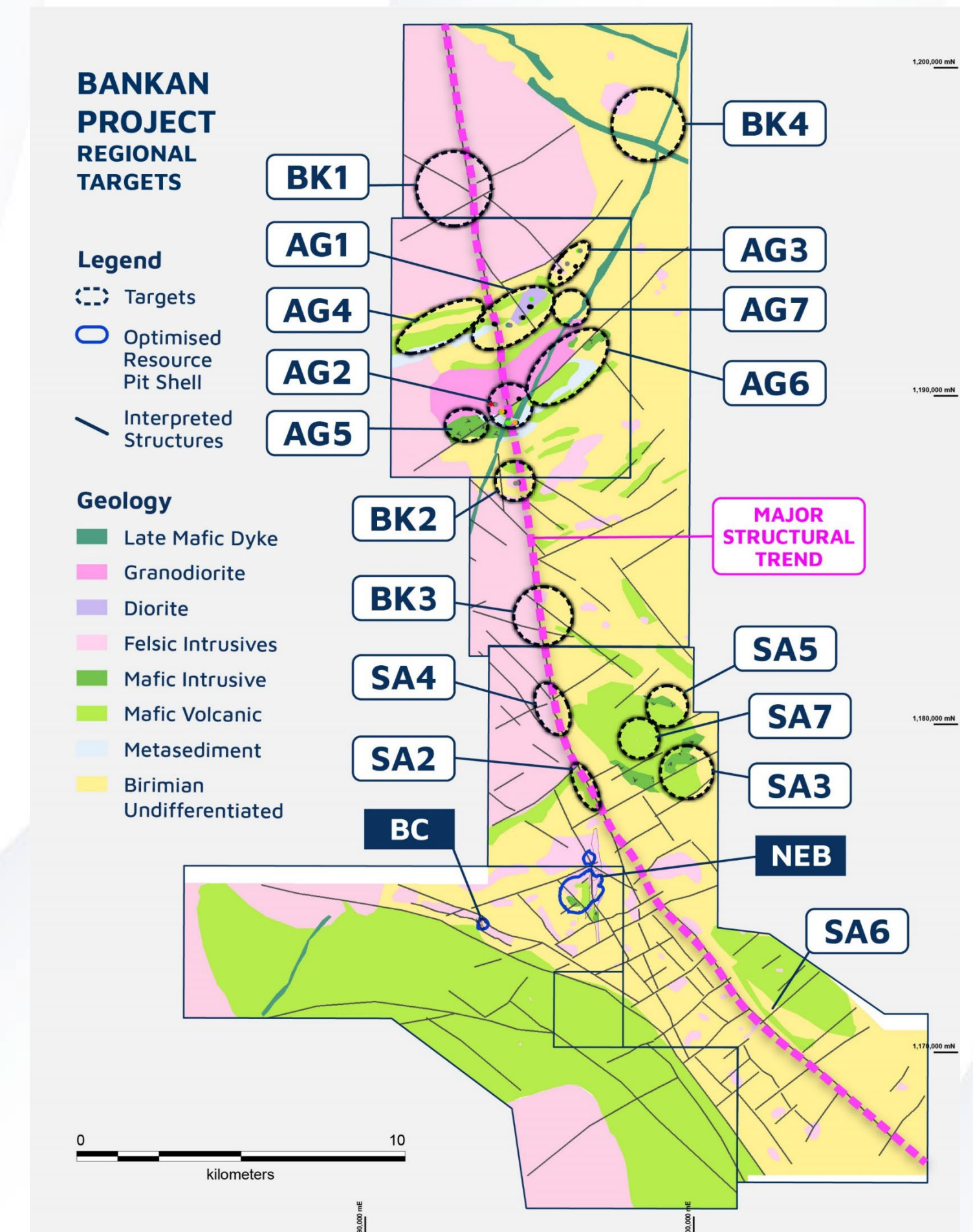
- Shallow drilling (auger & aircore) results confirm the extent of gold mineralisation in the NEB & BC region
- Target areas confirmed by recent geophysics program – excellent induced polarisation results
- Programs designed to deliver additional resource ounces in close proximity to both ore deposits
- Initial RC drilling being completed at 800W and NEB North



Regional potential

35km-long gold super-structure with significant exploration upside

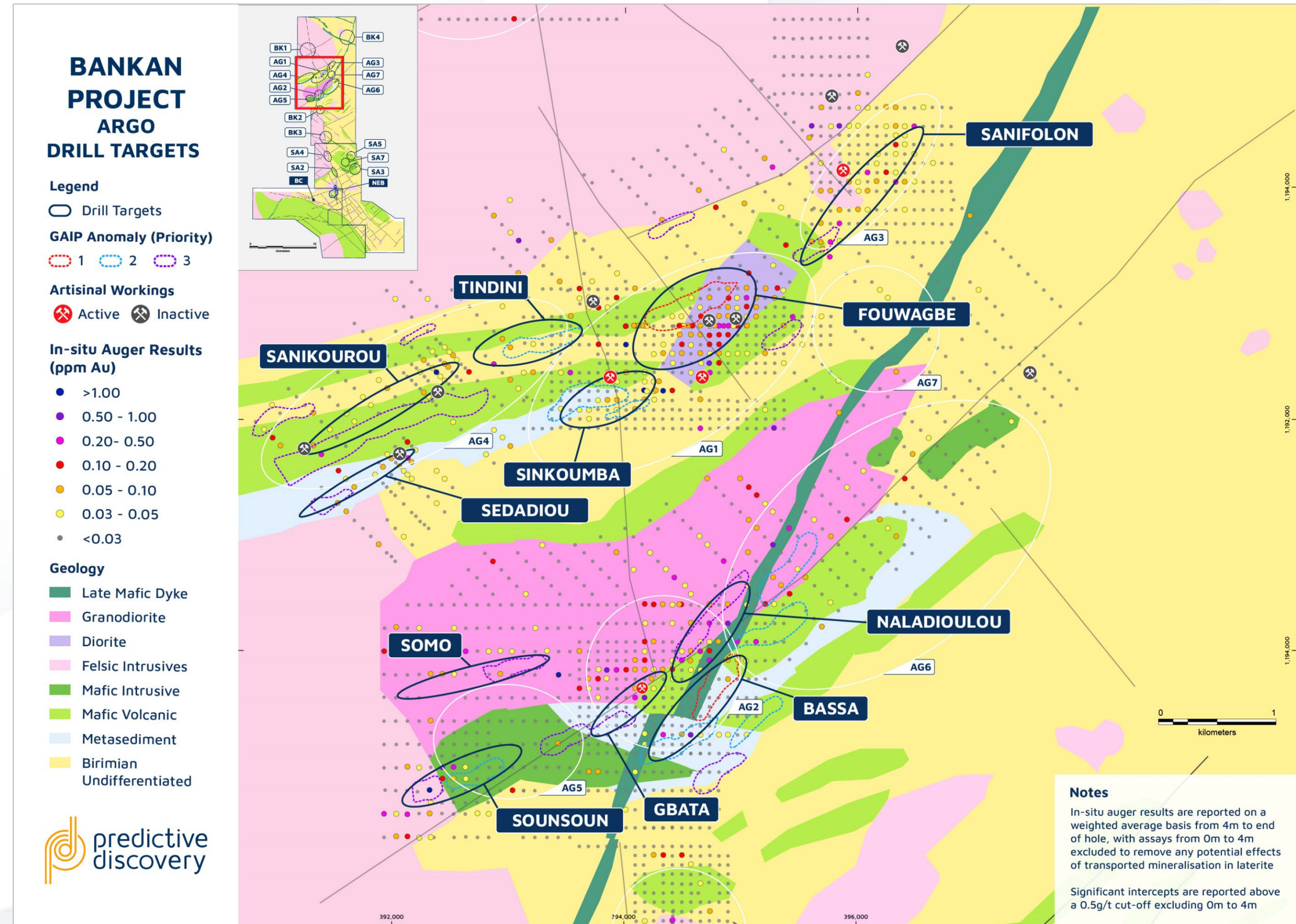
- Exploration team strengthened in late 2022 to drive regional programs
- Significant exploration upside exists
- Bankan sits atop a basin-margin gold bearing super-structure
- Three main areas of interest along that structure:
 - Bankan intrusive complex
 - Saman intrusive complex
 - Argo intrusive complex
- Many high-quality targets delineated and being explored during 2023
- Initial focus on Argo – 11 drill targets being tested with RC drilling

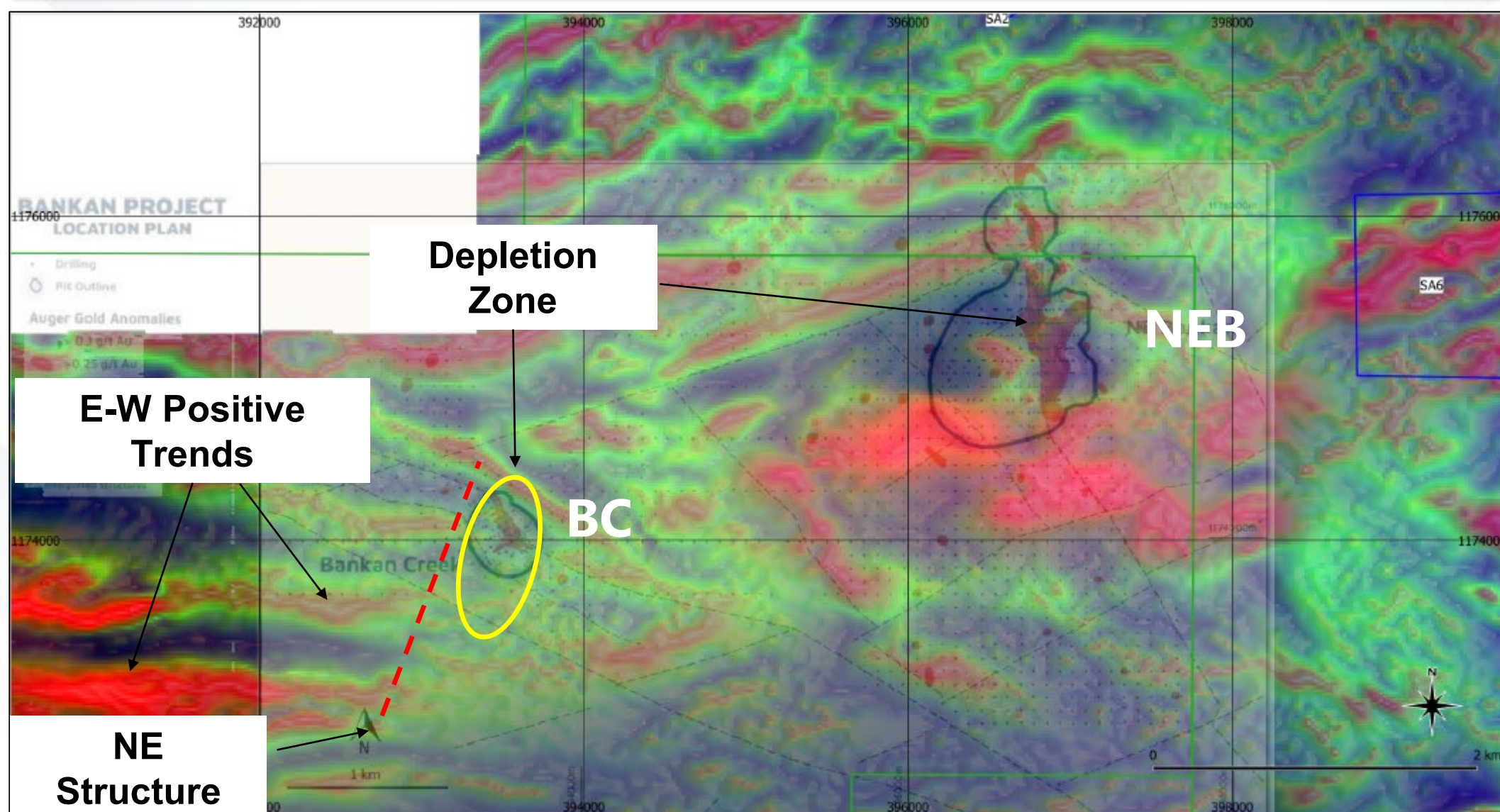
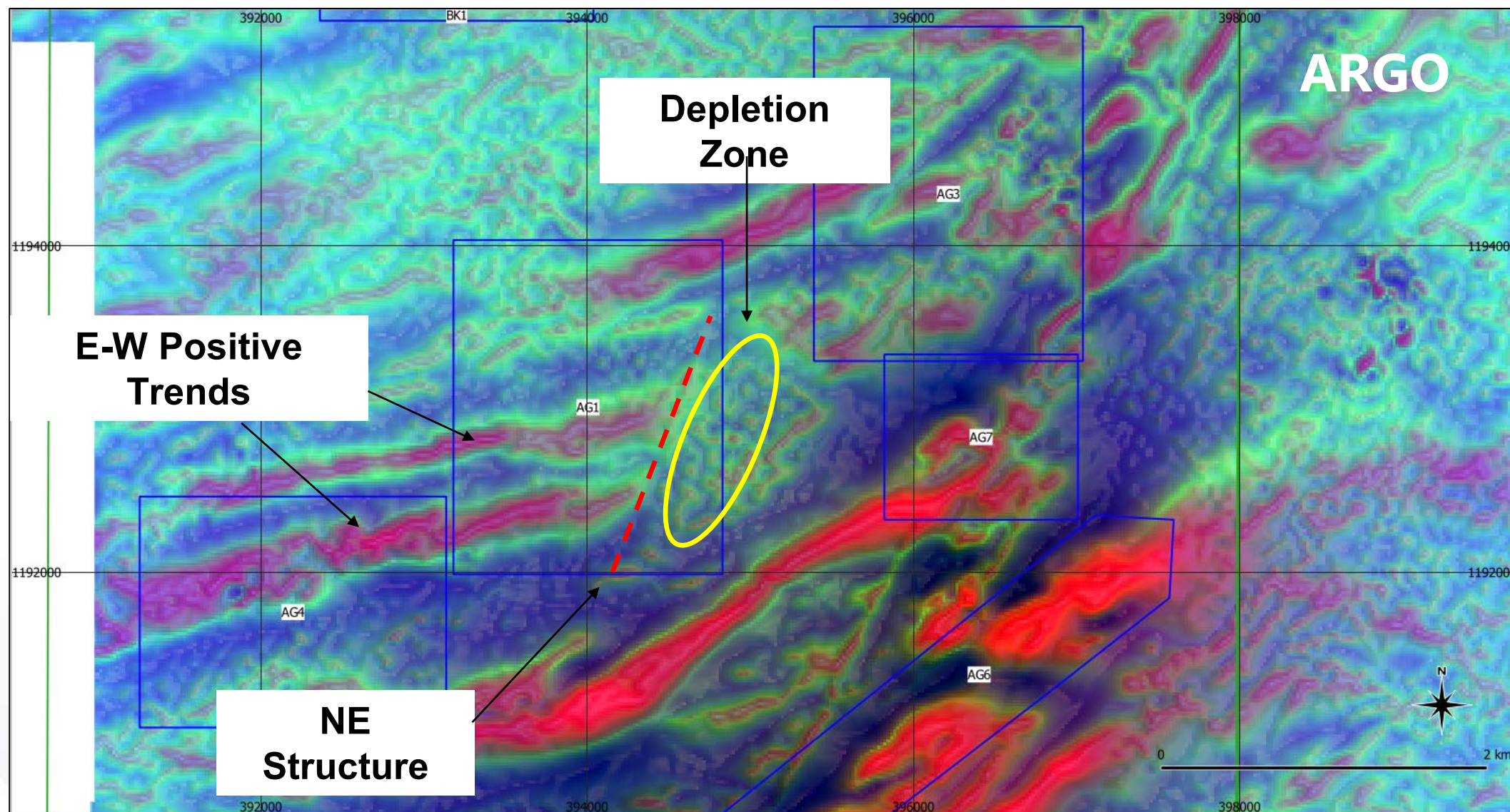


Argo exploration update

RC drilling underway to test 11 drill targets

- Attractive geological setting and potential for additional large-scale discoveries
- Numerous active and historical artisanal workings
- Significant early-stage exploration completed in the last 6 months
 - Extensive auger geochemistry drilling – gold and multi-element analysis
 - 182 line km of gradient array IP ("GAIP") and 10 line km of pole-dipole IP ("P-DIP")
 - Regional scale gravity survey (including Argo)
 - Reprocessing of previous geophysics survey data
- 11 targets identified for RC drilling, including five priority 1 targets
- RC drilling commenced in June 2023





Argo aeromag reprocessing

Further evaluation of airborne magnetics data has upgraded the AG1 for BC style mineralisation

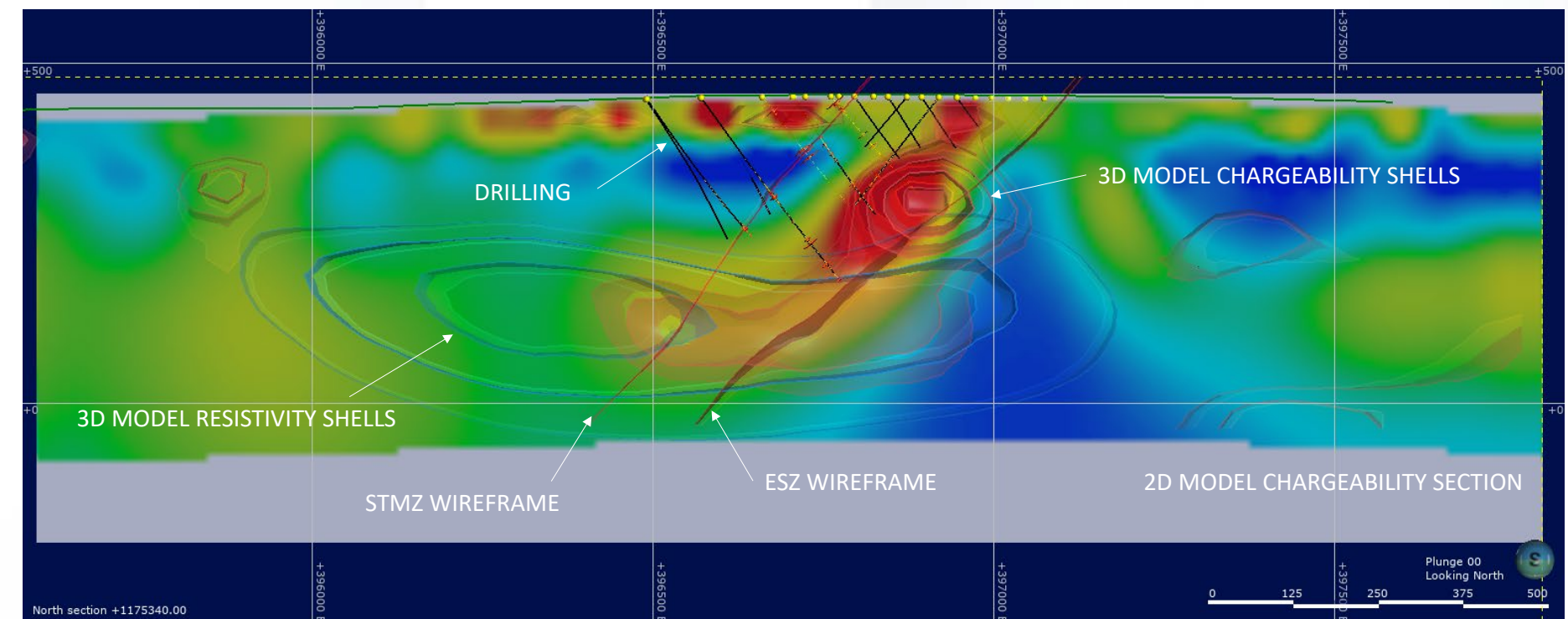
- 2021 airborne magnetic survey data reprocessed on regional and local scales at Argo and NEB/BC
- Figures show the CMY magnetic domain image overlying the RTP tilt derivative at both Argo and NEB/BC
- At BC and AG1, there are elongated E-W striking positive magnetic trends that are truncated by NE structures. The resultant magnetic signal to the east of these structures is diminished/mottled indicating magnetic depletion
- This is interpreted to be from oxidised fluids possibly related to gold mineralisation
- AG1, AG2 and AG3 targets also have coincident magnetic lows with auger geochemistry anomalies

Argo induced polarisation results

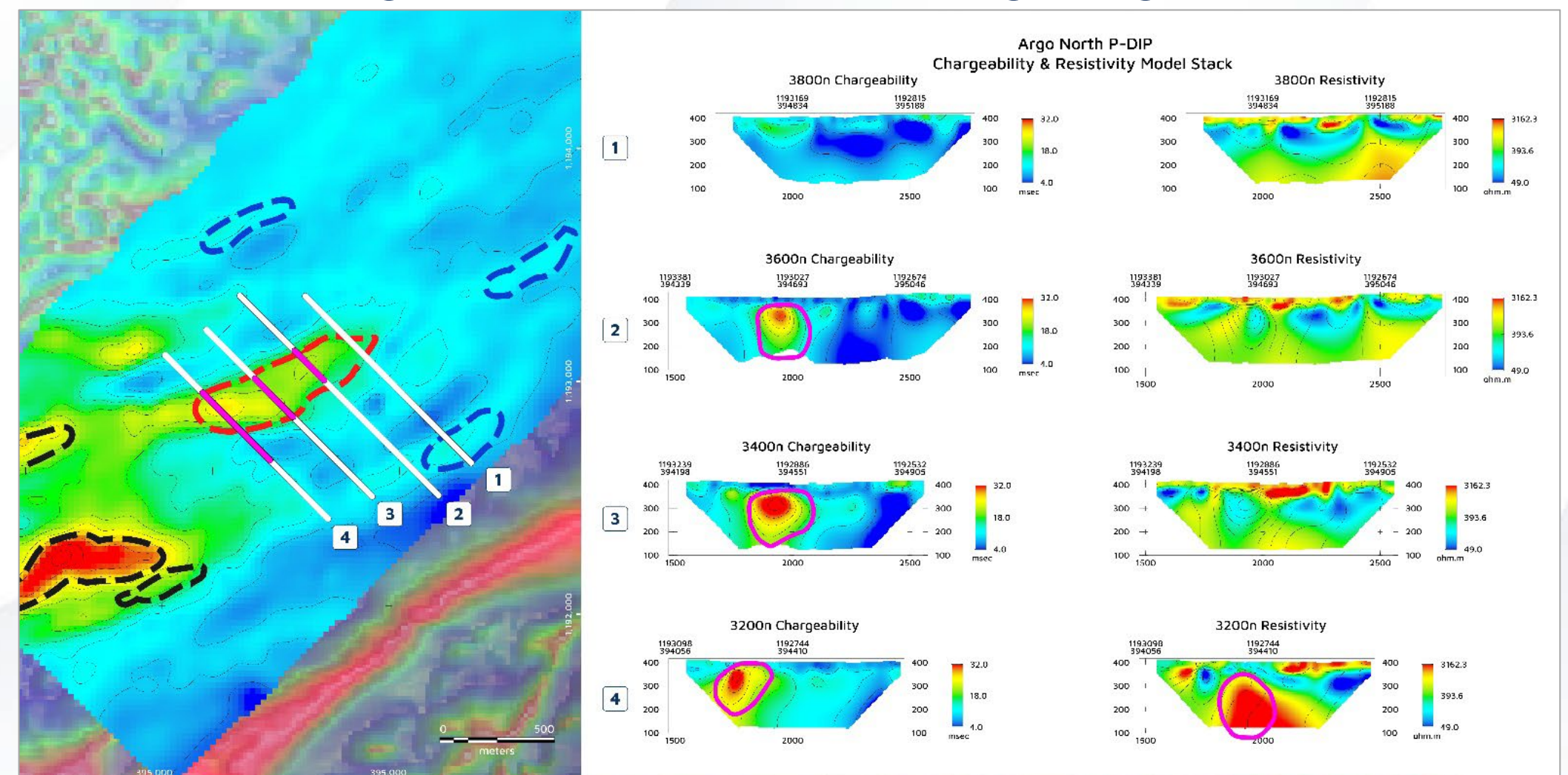
Multiple anomalies identified from IP surveys

- Highly successful IP trial conducted over NEB in 2022
 - NEB mapped over ~500m in the near surface (using GAIP) and to an IP detection depth of ~400m (using P-DIP)
- Extensive IP program completed at Argo:
 - 182 line km of GAIP surveys
 - 10 line km of P-DIP surveys
- 23 surface anomalies identified through GAIP surveys
- P-DIP surveys tested depth extent of four key GAIP anomalies, illustrating anomalies extend to depth
- Key input into drill targeting at Argo, which identified 11 targets
- P-DIP results for the Priority 1 Fouwagbe drill target show a shallow chargeability feature on three survey lines and a deeper resistivity feature on one line

NEB combined GAIP and P-DIP results (section 1175340N)



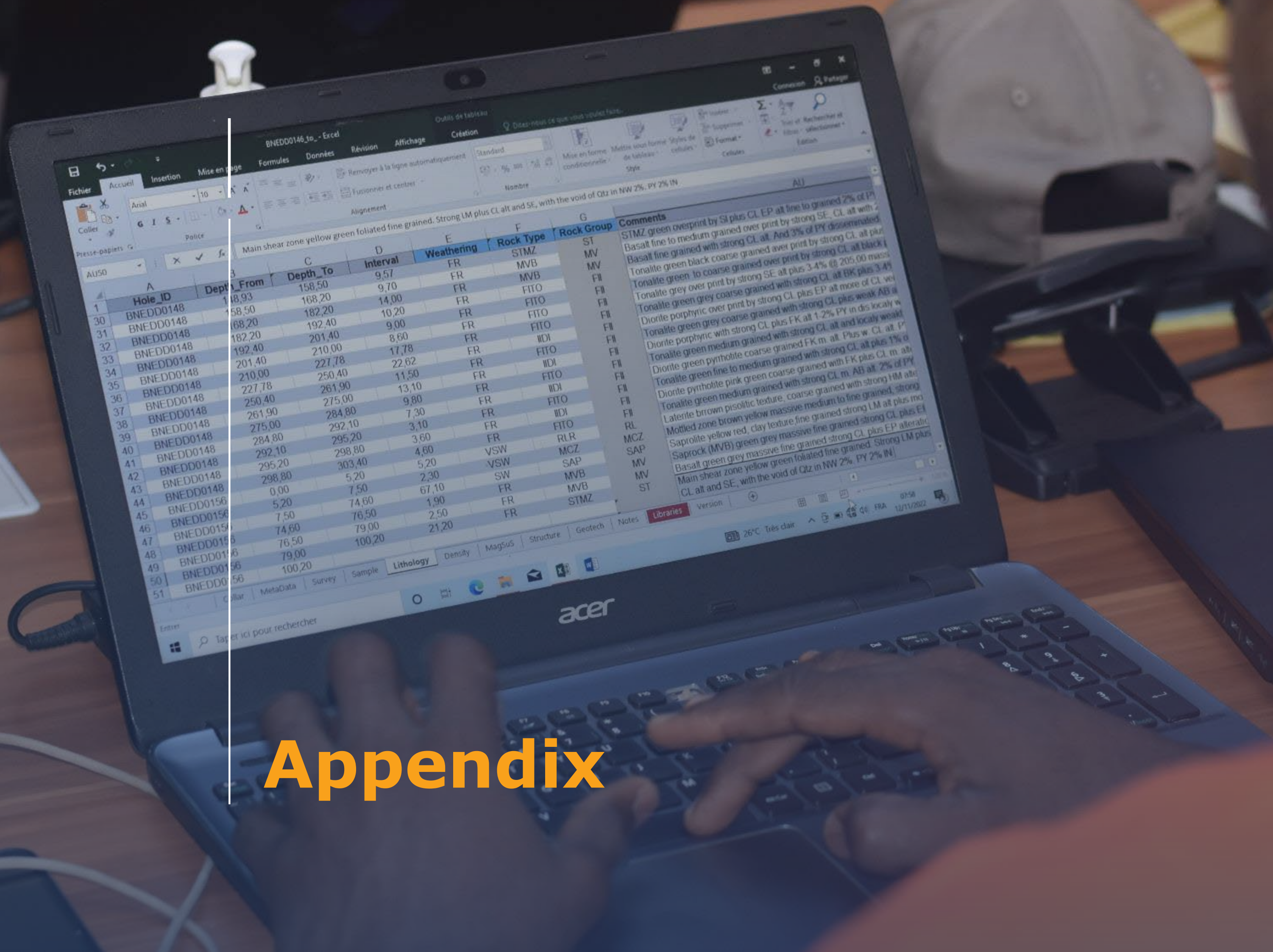
Argo GAIP and P-DIP results (Fouwagbe target)



PDI summary

An exciting future as Bankan moves towards the development phase

- Exploration/development company with the Tier-1 Bankan Gold Project in Guinea
- 5.4Moz Resource at NEB and BC, with upside. 77% of the Resource in the Indicated category
- Scoping Study and ESIA to be completed in late 2023 to facilitate permitting in 1H 2024
- Highly prospective permits have the potential for additional large-scale discoveries. Increasing focus on regional exploration; RC drilling underway at Argo
- The right Management Team with a track record of building out resource bases, and developing and operating gold mines in Africa
- Well funded and supported to drive value for shareholders



Appendix

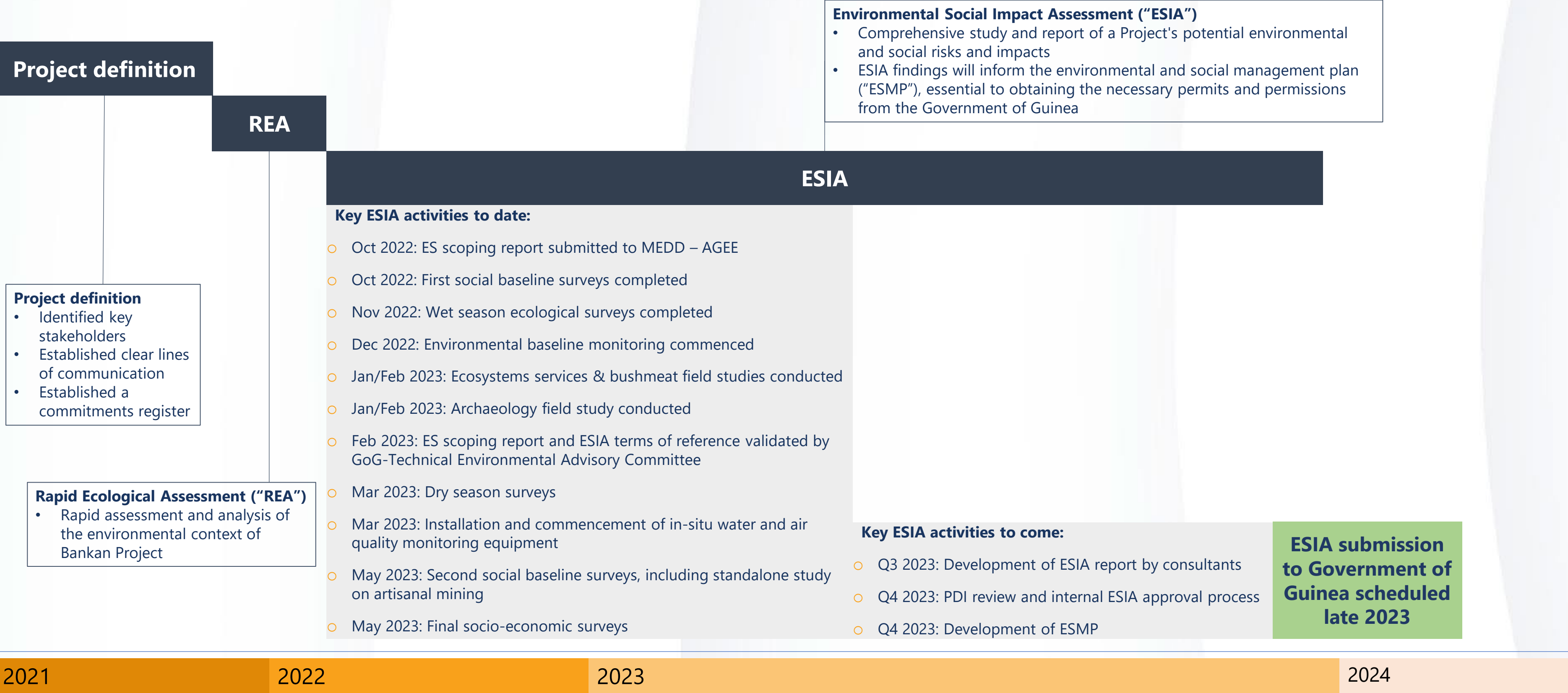
Indicative activities & timeline

Driving towards ESIA & Scoping Study completion in late 2023 and permitting in 1H 2024

Activity	2022	2023		2024		2025		2026	
	H2	H1	H2	H1	H2	H1	H2	H1	H2
NEB infill drilling									
NEB extension drilling									
BC extension/infill drilling									
Resource update		★	★		★	★			
Regional geophysics									
Regional drilling									
ESG studies									
ESIA				★					
Scoping Study					★				
Permitting						★			
DFS							★		

The roadmap to permitting

Taking a diligent and disciplined pathway to development



ESIA overview

Delivering a compliant, robust & fit-for-purpose assessment

World-class delivery

- ESIA approach aligned with IFC Performance Standards and Equator Principles
- ERM appointed as lead ESIA consultant and with specialist consultants INSUCO (social), and BIOTOPE & Guinea Ecologie (biodiversity)



Regular engagement and ongoing participation

- ESIA commenced July 2022 with:
 - The Ministry of Environment and Sustainable Development ("MEDD")
 - Guinean Agency for Environmental Assessment ("AGEE")
 - Guinean Office of National Parks and Wildlife Reserves ("OGPNRF") engagement



ESIA kick-off MEDD information meeting (July 2022)



GoG Technical Environmental Advisory Committee validation of ES Scoping Report and ESIA terms of reference (February 2023)

ESIA study area and scope

Delivering a compliant, robust & fit-for-purpose assessment

- ESIA study area across Saman and Kaninko permits includes:
 - Preliminary area of influence – 2km buffer around project components (pink shaded area)
 - Extended biophysical and social study area (orange outline)

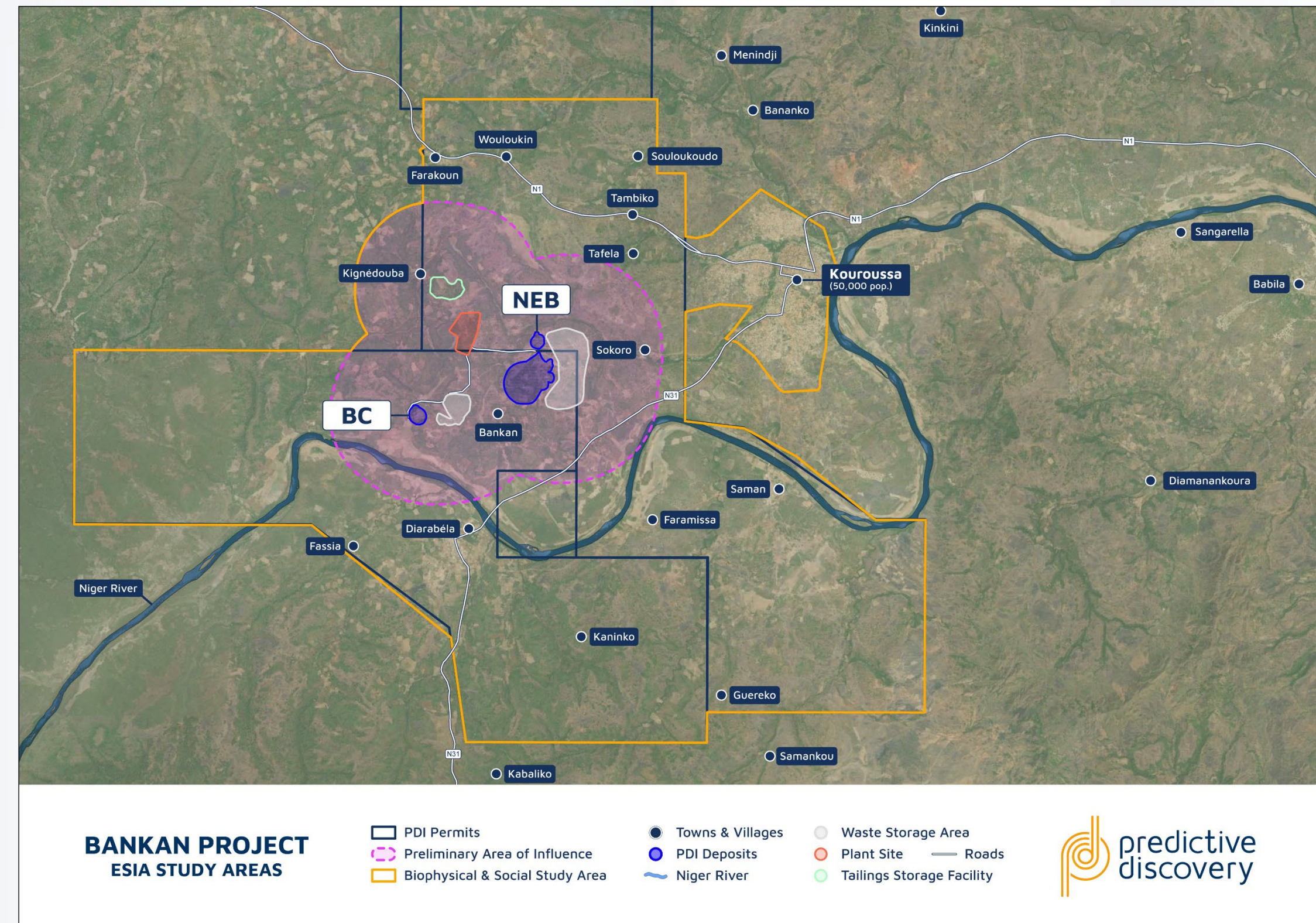
ESIA Study Components:

Biophysical

- Biodiversity
- Air quality
- Noise & vibration
- Water resources
- Soils & Geology
- Chemical/hazardous substances
- Traffic & Transportation
- Climate change adaptation
- Mine Closure & Reclamation
- Landscape & visual
- Waste
- Archaeology

Social

- Socio-economic context
- Stakeholder management
- Resettlement & compensation
- Livelihood restoration
- Human rights
- Labour & employment
- Cultural heritage
- Artisanal gold mining
- Land use & management
- Community health & safety
- Water & sanitation
- Local economic development



Community relations

Extensive and ongoing stakeholder engagement



MEDD, CPDM, OGPNR cadrange visit



Compensation Price Matrix Info session – Prefectoral technical services/administration, Bankan Community Commission



Bankan Community Commission meeting

- Extensive stakeholder profile comprises national, regional and local authorities, and communities within and beyond our areas of social influence
- Issue-based and proactive engagement with regional and local authorities to share project information, fulfil regulatory requirements and obtain authorisation
- A key component to community engagement is weekly meetings with Bankan Community Commission representing nine villages

Community relations

Supporting the local community with a range of projects

Bankan Market Garden



Bankan School Enclosure



Bankan School Canteen



PNHN Fire Management Campaign



Bankan Project Mineral Resource

Updated Bankan Mineral Resource estimate

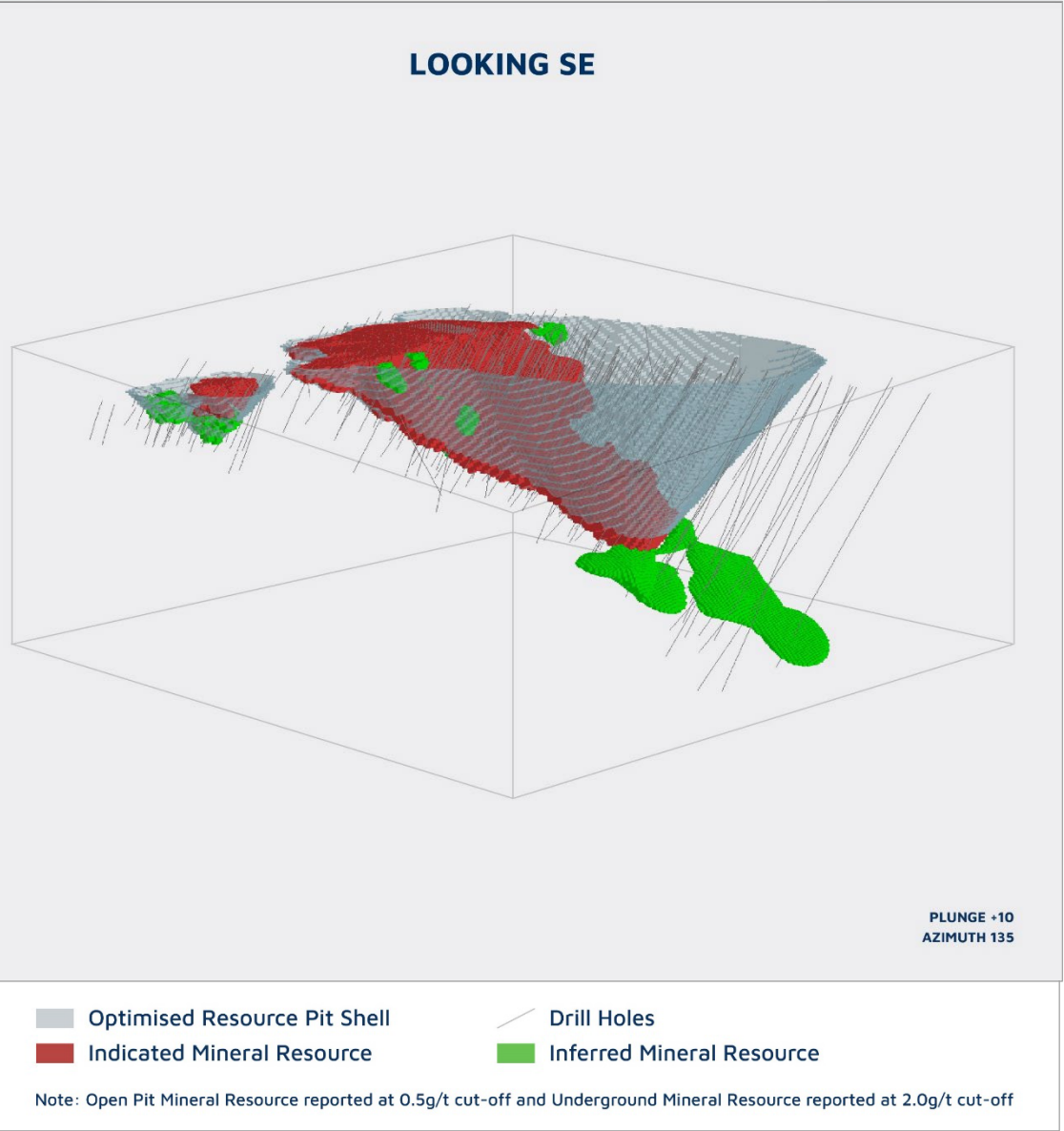
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Total Bankan Project			100.5	1.66	5,376

Notes to Resource Table:

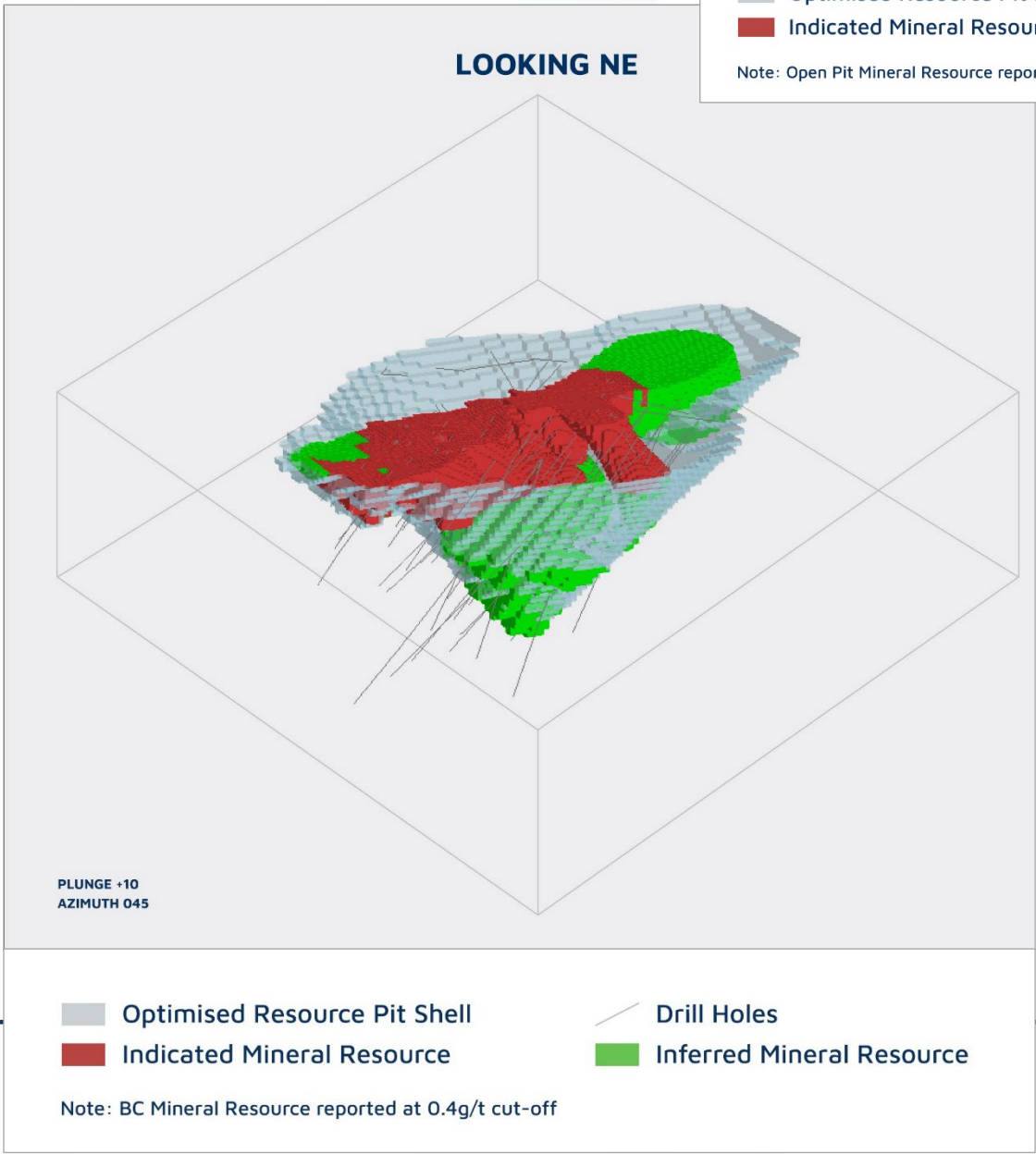
- The Mineral Resource is estimated with all drilling data available as at 29 July 2023.
- The Mineral Resource is reported in accordance with the JORC Code 2012 Edition. The NEB Open Pit Resource is reported at a 0.5g/t Au cut-off and the NEB Underground Mineral Resource is reported at a 2.0g/t cut-off. The BC Open Pit Resource is reported at a 0.4g/t Au cut-off.
- The Competent Person is Phil Jankowski FAusIMM of CSA Global.
- The Open Pit Mineral Resource is constrained by optimised pit shells using a metal price of USD1,800/oz Au and process recovery of 94%.
- Rounding may lead to minor apparent discrepancies.

Drilling included in Mineral Resource estimate

Type	Holes	Metres
RC	162	49,521
DD or RC/DD	267	98,754
Total	429	148,275



BC Deposit

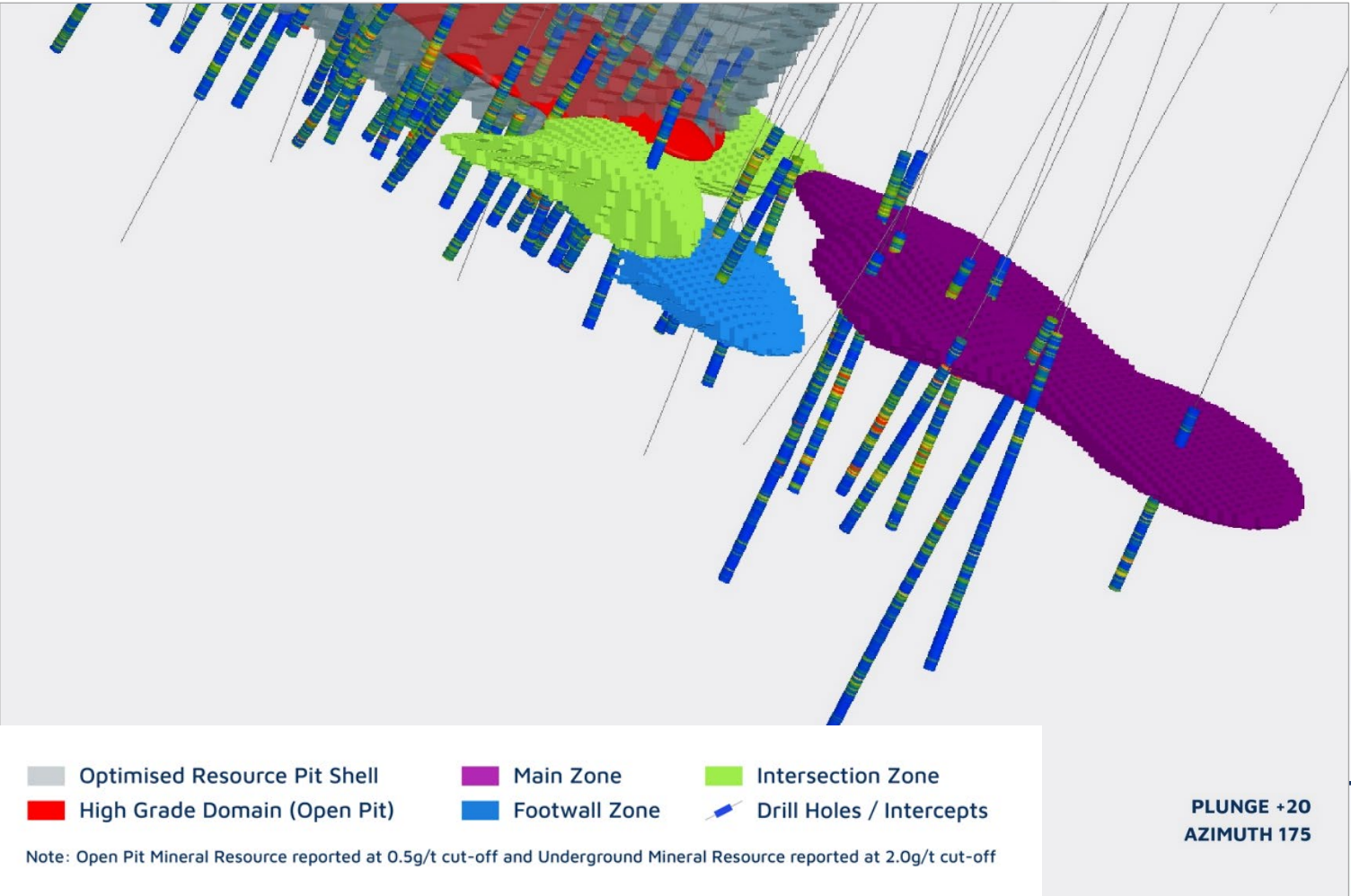
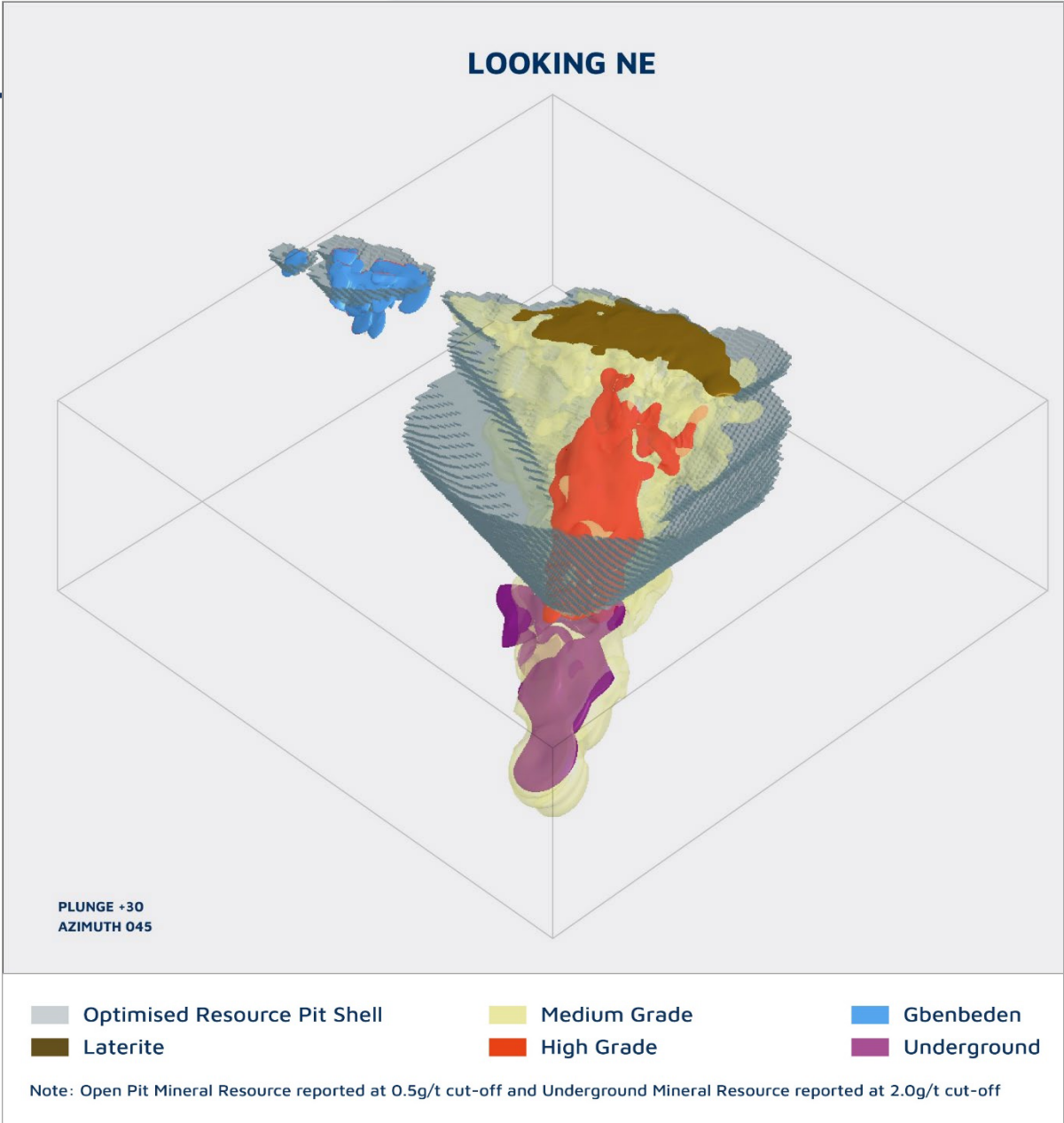


NEB Deposit

Bankan Project Mineral Resource

NEB Mineral Resource Estimate by Domain

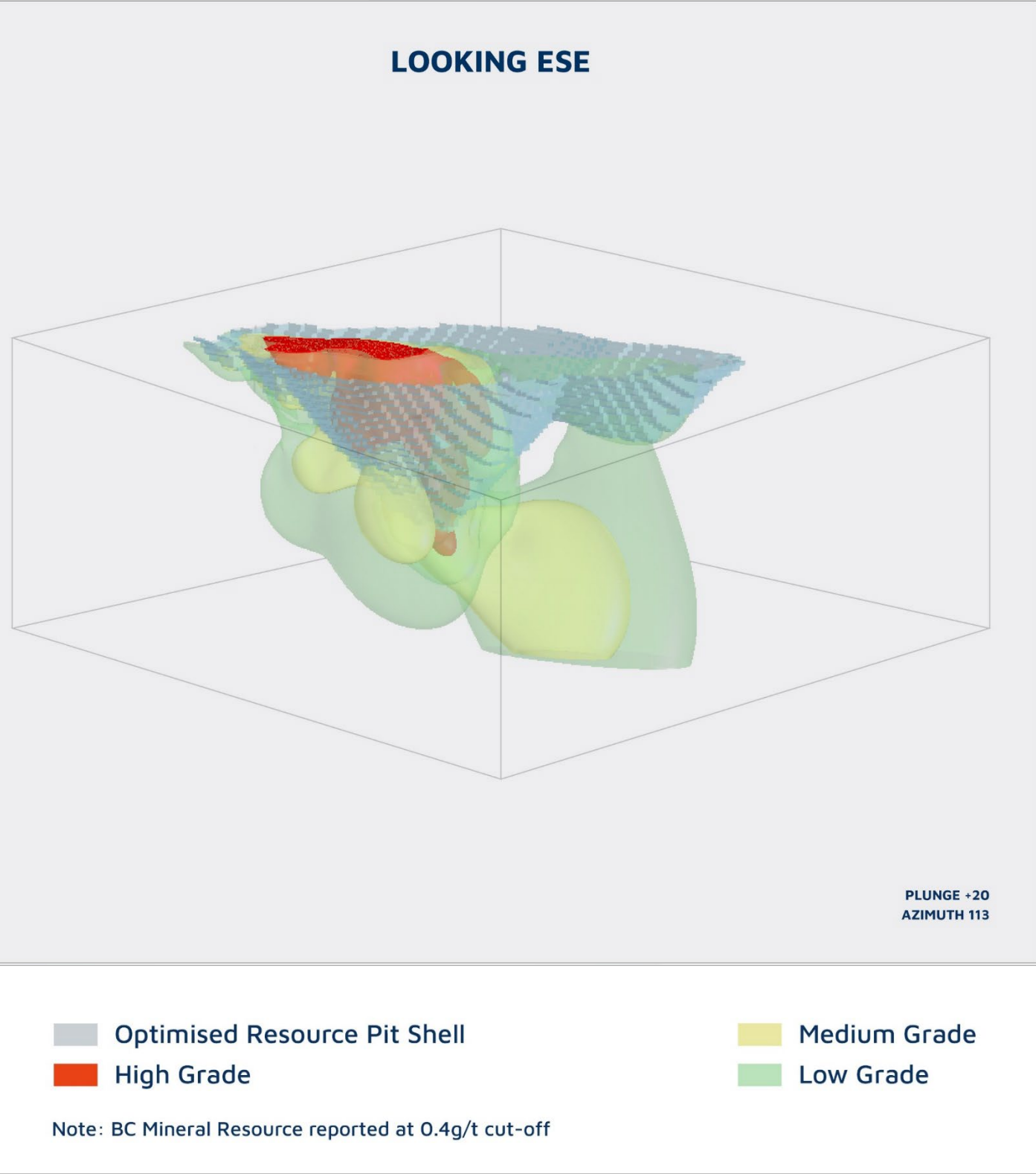
Domain	Cut-off (g/t Au)	Indicated			Inferred		
		Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
Open Pit							
Laterite	0.5	1.7	1.00	57	-	-	-
Low Grade	0.5	-	-	-	0.1	0.58	5
Medium Grade	0.5	63.9	0.93	1,902	1.9	0.93	57
High Grade	0.5	11.4	5.20	1,904	-	-	-
Gbenbeden	0.5	1.4	0.84	38	1.0	0.92	31
Underground							
Main	2.0				4.5	4.60	662
Intersection	2.0	-	-		1.4	3.12	144
Footwall	2.0				0.9	3.00	90



Bankan Project Mineral Resource

BC Mineral Resource Estimate by Domain

Domain	Cut-off (g/t Au)	Indicated			Inferred		
		Tonnes (Kt)	Grade (g/t Au)	Contained (Koz Au)	Tonnes (Kt)	Grade (g/t Au)	Contained (Koz Au)
Open Pit							
Laterite	0.4	0.2	0.95	0	-	-	-
Low Grade	0.4	1,180	0.58	22	2,875	0.65	60
Medium Grade	0.4	1,709	0.69	38	1,880	0.63	38
High Grade	0.4	2,434	2.35	184	2,161	2.09	145



Bankan Project Mineral Resource

NEB Open Pit Grade Tonnage Table

Cut-off (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
0	110.5	1.17	4,163
0.1	106.4	1.21	4,155
0.2	94.0	1.35	4,095
0.3	83.6	1.50	4,018
0.4	81.4	1.52	4,002
0.5	81.4	1.53	3,993
0.6	77.7	1.57	3,926
0.7	67.4	1.71	3,712
0.8	55.4	1.92	3,420
0.9	43.5	2.22	3,099
1.0	30.2	2.64	2,772

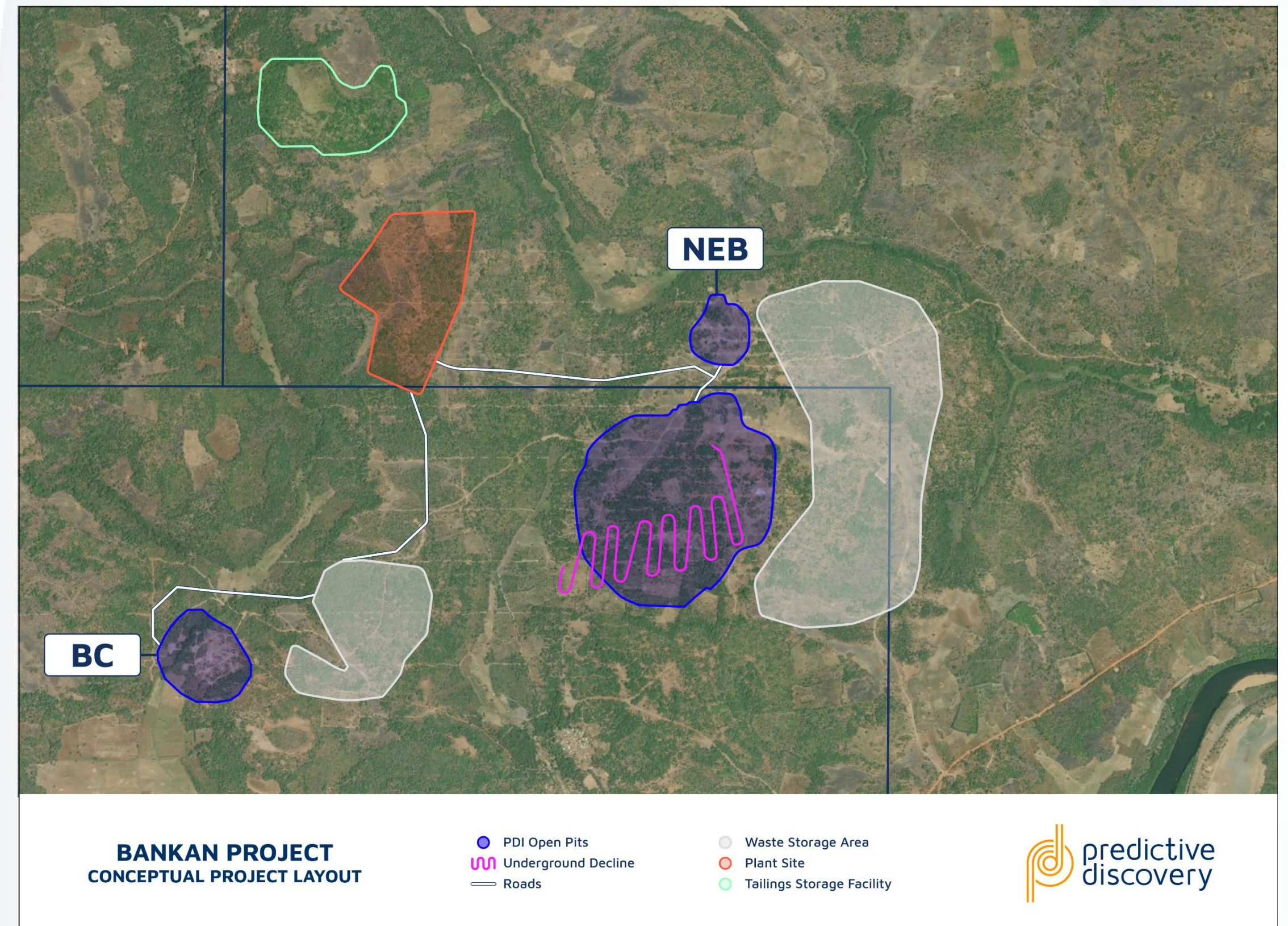
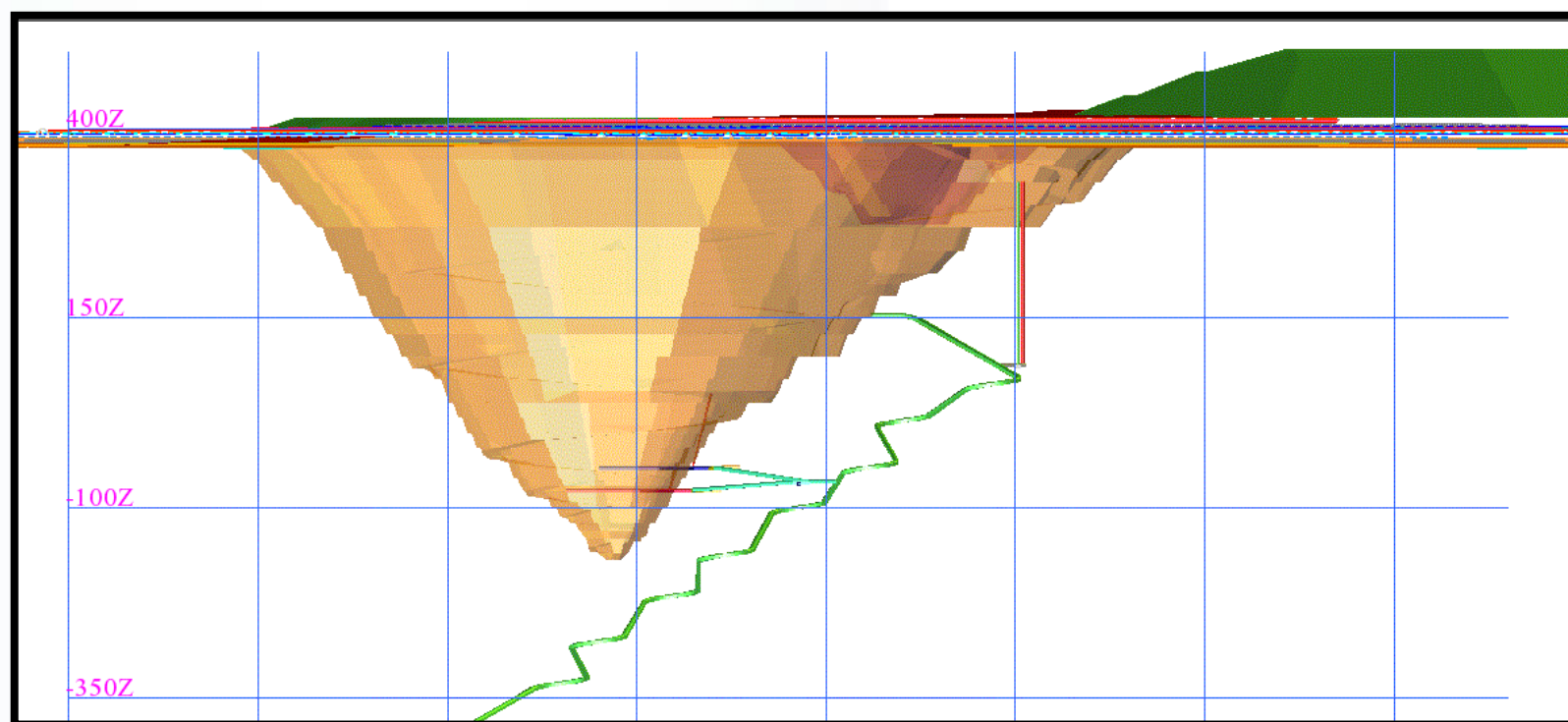
BC Open Pit Grade Tonnage Table

Cut-off (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Contained (Koz Au)
0	16.0	1.01	520
0.1	16.0	1.01	520
0.2	15.6	1.04	517
0.3	13.9	1.13	503
0.4	12.2	1.24	487
0.5	10.8	1.34	464
0.6	9.5	1.45	442
0.7	7.3	1.69	397
0.8	5.3	2.06	350
0.9	4.8	2.20	336
1.0	4.5	2.27	328

Conceptual project layout

Initial layout prepared to allow progression of ESG studies, and will be refined as the Scoping Study concludes

- Pit design based on resource pit shells – subject to optimisation from further drilling and the Scoping Study
- Conceptual decline design for underground ore access
- Plant site, waste dumps and tailings storage on flat degraded land – subject to sterilisation drilling and final ESG study outcomes
- Tailings will be dry-stacked to minimise environmental impact
- Power station diesel / heavy fuel oil; partial solar to be considered
- Process water from mine dewatering plus bores as required



Material ASX releases

BANKAN MINERAL RESOURCE INCREASES TO 5.38MOZ, 7/8/2023
RESOURCE DEFINITION DRILLING RESULTS, 7/8/2023
ENCOURAGING DRILL RESULTS AT NEB, BC AND NEARBY TARGETS, 19/6/2023
ARGO TARGET UPGRADED BY RECENT AUGER RESULTS, 19/6/2023
POSITIVE RESOURCE DRILLING RESULTS FROM NEB AND BC, 5/6/2023
MULTIPLE HIGH PRIORITY TARGETS IDENTIFIED AT ARGO, 22/5/2023
RC DRILLING UNDERWAY AT NEAR-RESOURCE TARGETS, 6/4/2023
INFILL DRILLING RESULTS, 4/4/2023
HIGH-GRADE INTERCEPT EXTENDS UNDERGROUND MINERALISATION, 21/2/2023
45% OF NEB'S 3.85MOZ MINERAL RESOURCE UPGRADED TO INDICATED, 6/2/2023
OUTSTANDING INFILL DRILLING RESULTS CONTINUE, 30/1/2023
PROMISING NEAR-RESOURCE DRILLING AND GEOPHYSICS RESULTS, 30/11/2022
POSITIVE INFILL DRILL RESULTS & GRADE CONTROL PROGRAM COMPLETE, 10/11/2022
HIGH GRADE GOLD 200M BELOW NE BANKANS 3.9MOZ RESOURCE, 29/09/2022
IMPRESSIVE GOLD HITS CONTINUE AT 4.2MOZ BANKAN GOLD RESOURCE , 25/08/2022
4.2MOZ BANKAN GOLD RESOURCE, 01/08/2022
DEEPEST HOLE TO DATE INTERCEPTS GOLD 630M DOWN DIP, 15/06/2022
APPOINTMENT OF NON-EXECUTIVE DIRECTOR, 7/06/2022
PDI RECEIVES FIRM COMMITMENTS FOR \$55M PLACEMENT, 30/05/2022
60,000M DRILL PROGRAM UNDERWAY AT BANKAN & KEY APPOINTMENTS, 19/05/2022
41.5M @ 5.2G/T AU INTERSECTED AT NE BANKAN, 27/04/2022
MULTI-DEPOSIT POTENTIAL GROWS WITH STRONG RESULTS, 02/02/2022
33M @ 4.5 G/T AU AT NE BANKAN, GUINEA, 13/01/2021
BANKAN PROJECT GROWS WITH NEW GOLD DISCOVERIES, 16/12/2021
PREDICTIVE INTERSECTS 34M @ 5.5 G/T AU AT NE BANKAN, 09/12/2021
FURTHER DEPTH EXTENSION TO BANKAN HIGH-GRADE GOLD, 22/11/2021
HIGH-GRADE GOLD ZONE EXTENDED BELOW RESOURCE PIT SHELL, 03/11/2021
AC DRILLING IDENTIFIES NEW GOLD PROSPECTS AT BANKAN, 28/10/2021
NE BANKAN HIGH-GRADE GOLD ZONE REINFORCED AND EXTENDED, 19/10/2021
BANKAN UPDATE, 12/10/2021
3.65 MILLION-OUNCE BANKAN MAIDEN MINERAL RESOURCE ESTIMATE, 30/09/2021
28M @ 12.1G/T GOLD 1.5 KM FROM NE BANKAN, 23/09/2021
HIGH-GRADE GOLD ZONE CONFIRMED UP TO 400M VERTICAL DEPTH, 16/09/2021
EXCELLENT GOLD RECOVERIES FROM BANKAN METALLURGICAL TESTWORK, 14/09/2021
STRONG WIDTHS AND GRADES FROM BANKAN CREEK RESOURCE DRILLING, 24/08/2021
MORE BROAD WIDTHS AND HIGH-GRADES FROM BANKAN DRILLING, 2/08/2021
BONANZA GOLD GRADES AS HIGH-GRADE ZONE IS REVEALED AT BANKAN, 19/07/2021
44M @ 8G/T GOLD, HIGHEST IMPACT GOLD INTERCEPT AT BANKAN, 1/07/2021
BROAD GOLD INTERCEPTS FROM BANKAN CREEK AND NE BANKAN, 17/06/2021
NE BANKAN EXTENDS TO DEPTH WITH STRONG GOLD GRADES, 3/06/2021

6M AT 32G/T GOLD FROM FIRST DRILLING AT KOUNDIAN, GUINEA, 31/05/2021
WIDESPREAD & HIGH-GRADE GOLD FROM BANKAN REGIONAL AUGER, 13/05/2021
NE BANKAN CENTRAL GOLD ZONE EXTENDING TO SOUTH AT DEPTH, 6/05/2021
BANKAN AEROMAG MANY NEW DRILL TARGETS ALONG 35KM STRUCTURE, 28/04/2021
NE BANKAN GOLD MINERALISATION SUBSTANTIALLY EXTENDS AT DEPTH, 15/04/2021
NE BANKAN GROWS TO 300M WIDE. HIGH GRADE GOLD FROM SURFACE, 31/03/2021
EXCEPTIONALLY HIGH GRADES, THICK INTERCEPTS FROM NE BANKAN, 15/03/2021
SUBSTANTIAL OXIDE GOLD ZONE EMERGING AT NE BANKAN PROJECT, 5/03/2021
MORE DEPTH EXTENSIONS FROM DRILLING BANKAN GOLD DISCOVERIES, 25/02/2021
HIGH GRADE DRILL RESULTS EXTEND BANKAN CK DISCOVERY TO NORTH, 11/02/2021
OUTSTANDING, WIDE GOLD INTERCEPT GROWS BANKAN AT DEPTH, 28/01/2021
BANKAN GOLD PROJECT DRILLING ACCELERATED, 22/01/2021
DIAMOND DRILLING UNDERWAY AT BANKAN GOLD PROJECT, 17/12/2020
EXPLORATION UPDATE - BANKAN GOLD PROJECT, GUINEA, 27/11/2020
EXPLORATION UPDATE - BANKAN-2 GOLD DRILLING UNDERWAY, 20/10/2020
92M AT 1.9G/T GOLD - DIAMOND DRILLING EXPANDS BANKAN PROJECT, 13/10/2020
NE BANKAN GOLD DEPOSIT GROWS WITH MORE STRONG DRILL RESULTS, 25/09/2020
ADDITIONAL PERMITS ALONG STRIKE FROM FLAGSHIP BANKAN PROJECT, 17/09/2020
55M AT 2.94G/T GOLD-BROAD TRUE WIDTHS CONFIRMED AT BANKAN, 10/09/2020
NE BANKAN NOW 1.6KM LONG WITH POSSIBLE PARALLEL GOLD ZONE, 3/09/2020
BANKAN CREEK GOLD ZONE FURTHER EXPANDED, 27/08/2020
STRONG WIDE GOLD INTERCEPTS FROM BANKAN CREEK AND NE BANKAN, 19/08/2020
OUTSTANDING HIGH-GRADE GOLD RESULTS FROM NE BANKAN, GUINEA, 7/08/2020
DIAMOND DRILLING CONFIRMS GOLD AT DEPTH AT NE BANKAN, GUINEA, 31/07/2020
IMPRESSIVE 1ST RC DRILL RESULTS GROW NE BANKAN DISCOVERY, 17/07/2020
NE BANKAN DISCOVERY GUINEA EXTENDED 30% TO 1.3KM IN LENGTH, 30/06/2020
SAMAN EXPLORATION PERMIT GRANTED, 19/06/2020
PDI WEST AFRICAN EXPLORATION UPDATE 7 DRILL RIGS ACTIVE, 9/06/2020
KANINKO AUGER RESULTS DOUBLE GOLD-MINERALISED STRIKE LENGTH, 27/05/2020
UPDATE ON ASSAY RESULTS KANINKO PROJECT GUINEA, 25/05/2020
DRILLING UPDATE - KANINKO PROJECT, GUINEA, 7/05/2020
FINAL DRILL RESULTS, BANKAN CREEK, KANINKO PROJECT, GUINEA, 30/04/2020
44M AT 2.06G/T GOLD FROM BANKAN CREEK, KANINKO, GUINEA, 27/04/2020
POWER AUGER DRILLING UNDERWAY AT KANINKO GOLD PROJECT, 24/04/2020
DIAMOND DRILLING EXTENDS GOLD MINERALISATION AT OUARIGUE CDI, 16/04/2020
OUTSTANDING DRILL RESULTS FROM NEW GOLD DISCOVERY IN GUINEA, 15/04/2020
GUINEA GROUND ACQUIRED NEAR PLUS-2 MILLION OZ GOLD DEPOSITS, 7/04/2020
AC-RC DRILLING UNDERWAY IN GUINEA, ACCELERATING EXPLORATION, 24/03/2020
HIGH-GRADES-BROAD WIDTHS FROM GUINEA AUGER-TRENCHING PROGRAM, 19/03/2020
UP TO 8G/T GOLD FROM POWER AUGER DRILLING IN GUINEA, 26/02/2020



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