



GENMIN

ASX Announcement

28 April 2022

Quarterly Activities Report

Clean, renewable, low-cost hydroelectricity supply locked-in, and final, independent value-in-use results confirm Baniaka iron ore products to attract significant price premiums

Highlights

- Digbee ESG™ Platform selected for transparent environmental, social and governance (ESG) rating and reporting. Inaugural Digbee ESG rating expected in mid-2023.
- Dr Karen Lloyd, a specialist in mineral project evaluation, valuation, and strategic planning joined the leadership team.
- Final, independent value-in-use assessment received from Central South University in China. Significant price premiums are expected to be received for Baniaka Fines and Lump products.
- Memorandum of Understanding signed for the supply of 30 megawatts of renewable, low cost (<US¢10 per kilowatt hour), hydroelectricity covering all Baniaka's electricity requirements.
- Maiden Oxide Mineral Resource estimate for Bandjougoy commenced with the resource expected to be published in early May.
- Mineral Resource update for Bandjougoy DID in progress and is also expected to be published in early May.
- All preliminary feasibility study engineering work streams substantially complete at the end of the Quarter.
- Cash on hand of approximately AU\$12.1 million on 31 March 2022.

African iron ore explorer and developer Genmin Limited (**Genmin** or the **Company**) (ASX: GEN) is pleased to provide its Quarterly Activities Report for the period ended 31 March 2022.

Genmin's Managing Director and CEO Joe Ariti commented: "We have had another significant quarter delivering several major achievements, in particular our commitment to an independent ESG rating process through Digbee and locking in clean, renewable, low-cost hydroelectricity to fully power a mining operation at Baniaka. The utilisation of hydropower is consistent with our ESG values, impacts project economics in a positive way and promotes lower Scope 1 and Scope 3 carbon emissions in downstream iron making."

He added: "In terms of the Baniaka preliminary feasibility study, all engineering work streams were substantially complete at the end of the quarter, and a maiden Oxide mineral resource estimate is in progress for the large Bandjougoy prospect, the centre of gravity for infrastructure placement and initial mining operations. Our cash balance remains healthy at AU\$12 million as we work to close out the study over the next few months."

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Projects

Genmin holds six (6) iron ore exploration licences in the Republic of Gabon, central West Africa, covering approximately 5,270km² (Figure 1). The 100% owned exploration licences form three (3) projects (Table 1).

Table 1: Genmin's Projects in Gabon

Project Name	Status
Baniaka Iron Ore Project (Baniaka)	Feasibility (pre-development) stage
Bakoumba Iron Ore Project (Bakoumba)	Advanced exploration stage
Minvoul/Bitam Iron Ore Project (Minvoul/Bitam)	Early exploration stage

ESG Rating & Reporting

On 17 March 2022, Genmin announced it had committed to an industry leading ESG disclosure framework to report ESG performance across all operational and corporate activities. The ESG framework selected is the Digbee ESG™ Platform (**Digbee**), which offers standardised disclosure for mining companies at all stages of maturity.

Digbee's independent, third-party assessment of ESG performance enables benchmarking against peers and other mining companies, with scores ranging from A (maximum) to CCC (minimum).

Genmin anticipates publication of its inaugural Digbee ESG score in mid-2023.

Baniaka

The principal focus of Genmin's activities during the March 2022 quarter (**Quarter**) was at the Company's flagship Baniaka project. Baniaka, located in south-east Gabon, comprises the Baniaka (G2-537, 774km²) and Baniaka West (G2-572, 107km²) exploration licences, covering a total area of 881km² (Figure 1). Baniaka is divided into 12 prospect areas at different levels of maturity (Figure 2).

COVID-19

The fourth wave of the coronavirus pandemic in Gabon passed during February 2022. In March 2022, the Gabon Government lifted all local COVID-19 protocols, including the wearing of masks and vaccination requirements to dine in restaurants, as well as all measures imposed on international arrivals.

Despite the lifting of government-imposed restrictions, Genmin's COVID-19 Management Plan remains active. All Genmin staff, contractors, consultants and visitors must have a negative Polymerase Chain Reaction (**PCR**) test before travel to Gabon and are tested using Rapid Antigen Tests prior to and on arrival at Baniaka, and then daily for approximately ten (10) days after arriving at site. Mask wearing remains mandatory at Baniaka. Genmin provides off-site isolation accommodation for personnel who return a positive test result. To date, Genmin's operations have not been materially impacted by an outbreak of COVID-19.

The Company continues to provide a sponsored COVID-19 vaccination program for local personnel and their immediate families.

Social and Environmental Impact Assessment

As part of the legislative process, a social and environmental impact assessment (**SEIA**) is required for the granting of a Mining Permit.

In early February 2022, a government level site inspection was conducted at Baniaka by representatives from the Directorate General of Environment and the Protection of Nature (**DGEPN**), Directorate General for Mining and Geology, and the Aquatic Ecosystems Directorate, to assess the scope and scale of the project.

On 14 February 2022, DGEPN issued formal notification to the Company to advise that a full SEIA is required for Baniaka given its major mining project status.

Terms of Reference

During the Quarter, preparations continued for the commencement of baseline investigations at Baniaka and the proposed Terms of Reference (**ToR**) for the SEIA were advanced. The next steps in the SEIA process are to submit the ToR to the DGEPN, agree the SEIA scope, and commence baseline investigations.

Preliminary Feasibility Study

The Baniaka preliminary feasibility study (**PFS**) is assessing a bulk, open pit mining operation with initial production of 5 million tonnes per annum (**Mtpa**) of iron ore products, and subsequent expansion to 10Mtpa.

Significant progress on the engineering work streams for the PFS was made during the Quarter. Key PFS consultants had closed out their scopes by the end of the period.

Value-in-use

At the end of the Quarter, Genmin reported the financial value-in-use (**VIU**) results for potential Fines and Lump iron ore products (ASX Announcement dated 23 March 2022). The physical, chemical, metallurgical, and financial VIU assessments were completed by Central South University (**CSU**). CSU is a globally recognised institution providing insights to Chinese steel mills regarding the VIU of new products entering the market and has provided similar services to major iron ore producers including Fortescue Metals Group Ltd, Vale, BHP and Rio Tinto.

CSU independently verified the quality and iron making characteristics of the proposed Baniaka Fines and Lump products and through this understanding, estimated the expected pricing for these iron ore products.

Baniaka Fines is expected to command a considerable 17% price premium in the market, with Baniaka Lump priced in line with the market lump premium. Baniaka Fines production is expected to be in the order of 60% of total product from Baniaka, and a price premium of 17% will enhance project returns.

These value impacts will inform the financial model for the PFS.

Hydroelectricity Supply

On 12 April 2022, Genmin signed a Memorandum of Understanding (**MoU**) with the operator of the Grand Poubara Hydropower Station (**Poubara**) for the supply of 30 Megawatts (**MW**) of renewable hydroelectricity for Baniaka (ASX Announcement dated 12 April 2022).

The term of supply is up to 20 years with pricing less than US¢10 per kilowatt hour. The 30MW will provide all Baniaka's initial electricity requirements negating the need to fund, construct and operate an onsite power station.

Provision is included in the MoU to increase supply to 50MW subject to an expansion of scale at Baniaka, and water flow rates at Poubara supporting the increased supply.

Site Infrastructure, Rail & Port

In February 2022, civil engineering group, Bigen conducted a site inspection at Baniaka to confirm the suitability of selected locations for the processing facilities, permanent camp and water supply infrastructure. They also assessed the high voltage power tie-in location and the likely route for the transmission line from the substation at Poubara, to Baniaka.

Bigen's visit to Baniaka also allowed them to validate rail route alternatives for the rail spur between the Trans-Gabon mainline and the proposed processing facility site.

During the Quarter, port engineering consultant PRDW completed a capacity assessment of the existing Owendo Mineral Port (**OMP**) and with the OMP operator worked through the preferred options for a staged increase in port capacity, and plans for transshipping to Cape Class oceangoing vessels.

Resource Definition Drilling

The combined objective of the PFS diamond and Reverse Circulation (**RC**) infill drilling programs at Bandjougoy (Figure 2) is to target Oxide mineralisation below the Detrital Iron Deposit (**DID**) mineralisation and achieve geological and assay grade continuity sufficient to support the estimation of a Mineral Resource at a minimum Indicated

classification in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition).

Results from the first six (6) diamond holes on drill sections BJ323 000E and BJ322 200E (ASX Announcement dated 23 November 2021), confirmed the scale and amenability for shallow, open pit mining at Bandjougoy.

Results for a further eight (8) diamond drill holes over three (3) sections were reported during the Quarter (ASX Announcement 24 February 2022). The reported sections BJ321 800E, BJ321 400E, and BJ321 000E extend through the centre and west of Bandjougoy for an interpreted strike extent of 800m. All eight holes for a total of 1,027.5m were successful in intercepting in-situ Oxide and/or Primary Banded Iron Formation (**BIF**) mineralisation consistent with drill planning. DID mineralisation was also intercepted in drill holes that were collared in areas with surface projection of the BIF. Significant intercepts comprising both Soft Oxide and Intact Oxide mineralisation types were reported in the respective ASX Announcements referenced above.

The interpreted true thicknesses of the BIF unit at Bandjougoy ranges from approximately 125m on section BJ321 000E to 155m on section BJ321 800E, representing a noteworthy and encouraging thickening of the BIF unit towards the west.

The diamond drill results reported to date reinforce the scale and significance of Bandjougoy. Consequently, Genmin's strategy is to locate processing and rail load out infrastructure adjacent and proximal to Bandjougoy.

All drill hole data and associated geological interpretations for Bandjougoy from the initial diamond drilling program have been validated and provided to independent mining consultant Golder Associates Pty Ltd (**Golder**), who has commenced work on a maiden Oxide Mineral Resource estimate (**MRE**).

Infill Oxide Drilling (RC and diamond)

The infill drilling program for Bandjougoy and Tsengué (Figure 2) Oxide zones continued during the Quarter using three (3) drill rigs.

RC drill contractor FFA Gabon received its outstanding consignments of drill consumables required to commence drilling during late December 2021 and early January 2022. The Infill Oxide drill program commenced during January 2022 on a double shift basis to achieve optimal productivity and is ongoing.

Genmin deployed additional drilling resources during the Quarter to expedite the infill program to comply to the PFS schedule. These additional resources comprised:

1. One (1) of the Company's two (2) owned multipurpose drill rigs in diamond configuration deployed on a double shift basis during early January 2022; and
2. The LF-90 diamond rig operated by Boart Longyear, which was recalled to Baniaka in mid-March 2022.

All infill drilling has been completed at Bandjougoy. The infill drilling at Tsengué is forecast to be completed early in the June 2022 quarter.

Auger Drilling

The final phase of planned Auger infill drilling of DID zones with existing Inferred Mineral Resources was completed during the Quarter using the two (2) Mobile Drill V2000 Augers owned and operated by the Company.

Following the completion of Auger infill at Flouflou and Bandjougoy prospects during the December 2021 Quarter, the final prospect requiring systematic infill was Bingamba North (Figure 2). The drilling program was completed during the Quarter in late January 2022 and comprises 58 holes for a total of 778m.

Supplementary Auger drilling was also undertaken and completed during the Quarter as follows:

1. A reconnaissance Auger program was completed during mid-January 2022 on the Central Plateau (**Central**) located between Flouflou and Bandjougoy to test and/or sterilise for DID mineralisation in areas of suppressed magnetic geophysical response. The Central program comprised 29 holes for 305m.

2. An additional 15 Auger holes for 111m were completed to better constrain the DID mineralised envelope following review of the compiled geological logging data from the infill programs. The additional holes comprise:
 - Flouflou: Six (6) holes for a total of 44.0m;
 - Bandjougoy: Seven (7) holes for a total of 52.0m; and
 - Tsengué: Two (2) holes for a total of 15.0m.
3. An Auger drill spacing study was completed at Bandjougoy during early March 2022 and comprises 36 holes for 613.5m completed on three (3) lines at 25m spacing.

At the date of this report, assay results for all Auger infill holes at Bandjougoy, except those mentioned above have been received, validated, and provided to Golder who has commenced updating the DID MRE for Bandjougoy.

Chemical analyses of the Auger infill drill samples from Flouflou are approaching completion. The Auger infill drill samples from Bingamba North will be completed on a priority basis to comply to the PFS schedule.

Bakoumba

Bakoumba comprises the Bakoumba (G2-511, 1,029km²) and Mafoungui (G7-535, 535km²) exploration licences covering a total area of 1,564km² (Figure 1).

Genmin has commenced refurbishment of the Company's two (2) Auger rigs in preparation for their deployment to Bakoumba during 2022. A preliminary program of reconnaissance drilling and drill hole spacing optimisation studies is planned at Bakoumba to test high priority DID targets and define optimal drill spacing prior to commencing the resource definition Auger drilling.

Preparatory works are due to commence in Q2 2022 to refurbish the access road, site camp and warehouse facilities required in support of the Auger program.

Minvoul/Bitam

Minvoul/Bitam comprises the Minvoul (G9-512, 1,362km²) and Bitam (G9-590, 1,463km²) exploration licences covering a total area of 2,825km² (Figure 1).

Geochemical analyses of rock chip samples collected as part of the targeted geological mapping and sampling program at Bitam, completed in the previous reporting period, were received during the Quarter with interpretation underway.

The program assessed four (4) prospect areas – Ako'O, Belfort, Mbomo, and Abangsi. Field observations confirmed the potential for high-grade iron mineralisation at three (3) of the four (4) prospect areas investigated.

Corporate

Leadership Appointment

On 14 February 2022, Dr Karen Lloyd was appointed to Genmin's leadership group as Chief Strategy Officer. Dr Lloyd is a well-respected geologist, mineral economist and mining engineer with 26 years' international resource industry experience gained with some of the major mining, consulting, and investment houses globally.

Specialising in mineral project evaluation, valuation and strategic planning, Dr Lloyd will also be responsible for coordinating the development of Genmin's strategic plan and growth strategy.

Changes in Capital Structure

On 30 March 2022, 480,000 Performance Rights (ASX: GENAK) lapsed because the vesting condition had not been or had become incapable of being satisfied.

On 31 March 2022, Genmin's capital structure is as follows:

Table 2: Capital Structure as of 31 March 2022

Securities on issue	ASX Security Code	Number
Fully paid ordinary shares (quoted and unquoted)	GEN and GENAA	404,708,831
Unlisted Options @ AU\$0.04 exp 14/08/22	GENAH	1,000,000
Unlisted Options @ AU\$0.04 exp 14/08/22 Restricted	GENAG	4,800,000
Unlisted Options @ AU\$0.04 exp 06/06/22 Restricted	GENAF	124,403
Unlisted Options @ US\$0.15 exp 31/01/23	GENAJ	1,254,479
Unlisted Options @ US\$0.15 exp 31/07/24	GENAM	280,000
Unlisted Options @ US\$0.15 exp 31/07/24 Restricted	GENAL	250,000
Unlisted Options @ AU\$0.442 exp 07/03/26 Restricted	GENAN	5,000,000
Performance Rights	GENAE	6,800,000
Performance Rights Restricted	GENAO	720,000

Note:

On 31 March 2022, there were 251,360,564 fully paid ordinary shares subject to escrow until 10 March 2023.

On 31 March 2022, the Company had 527 shareholders and 88.9% of the fully paid ordinary shares on issue were held by the top 20 shareholders.

Investor Relations

Genmin's 2021 Audited Financial Report for the period 1 January 2021 to 31 December 2021 was submitted to the ASX on 31 March 2022 and is available at the Company's website at <https://www.genminigroup.com/investors/reports/>.

Government & Stakeholder Relations

On 8 March 2022, a standalone Ministry of Mines was added to the Gabonese Government. The Honourable Elvis OSSINDJI, the former CEO of Société Equatoriale des Mines (the State Mining Company), was named as Minister.

Genmin congratulates Minister OSSINDJI's on his appointment and welcomes the formation of a ministry dedicated to mining.

On his appointment, Minister OSSINDJI said: "We must accelerate, because the mining sector is indeed one of the strategic links in the Gabonese economy".

Compliance

Related Party Transactions

In accordance with ASX Listing Rule 5.3.5, Table 3 provides a description and explanation of the payments made to related parties of the Company and their associates, which is included in the Appendix 5B for the Quarter.

Table 3: Related Party Transactions

Related Party	Description	Amount US\$
Directors	Fees	50,000
	Salary	54,295
	Superannuation	5,430
	Extra Exertion Fees	-
Total		132,500

Uses of Funds

In accordance with ASX Listing Rule 5.3.4, the comparison between the Uses of Funds stated in the Company's Prospectus dated 9 February 2021 (**Prospectus**) and actual spending is shown in Table 4.

Table 4: Uses of Funds¹

Category	Prospectus AU\$	Prospectus US\$ ²	Actual US\$	Variance US\$
Baniaka Preliminary Feasibility Study	15,146,000	11,662,000	6,699,551	4,962,449
Bakoumba Resource Definition	1,766,000	1,360,000	29,918	1,330,082
Minvoul/Bitam Regional Exploration	476,000	367,000	26,104	340,896
Capital Items	670,000	516,000	501,357	14,643
General and Administration	1,831,000	1,410,000	554,612	855,388
Expenses of the Offer ³	2,621,000	2,018,000	1,955,427	62,573
Working Capital	7,490,000	5,767,000	4,589,691	1,177,309
Total	30,000,000	23,100,000	14,356,659	8,743,341⁴

Notes:

¹ Subject to modification based on the outcome and success of exploration programs, definition drilling and pre-feasibility study.

² The foreign exchange rate is US\$0.77 = AU\$1.00.

³ This category has been finalised, resulting a minor positive variance.

⁴ As at 31 March 2022, Genmin's cash and cash equivalents balance was US\$9.1m, the difference is the cash balance immediately before the IPO.

The favourable variances shown in Table 4 are timing variances. The Uses of Funds set out in the Prospectus cover a period of 24 months and to date, only 13 months of expenditure has been incurred.

Licence Schedule

The Company's interests in exploration licences are summarised in Table 5.

Table 5: Genmin's Exploration Licences in Gabon

Exploration Licence	Registered Holder ¹	Location	Genmin interest	
			Start of Q1 2022	End of Q1 2022
G2-537	Reminac	Gabon	100%	100%
G2-572	Reminac	Gabon	100%	100%
G2-511	Kimin Gabon S.A.	Gabon	100%	100%
G7-535	Reminac	Gabon	100%	100%
G9-512	Azingo Gabon S.A.	Gabon	100%	100%
G9-590	Azingo Gabon S.A.	Gabon	100%	100%

Notes:

¹ Reminac, Kimin Gabon S.A. and Azingo Gabon S.A. are all 100% owned subsidiaries of Genmin Limited.

This announcement has been authorised by the Board of Directors of Genmin.

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About Genmin

Genmin Limited (ASX: GEN), is an ASX-listed African iron ore exploration and development company with a pipeline of projects in the Republic of Gabon, central West Africa. The Company has a 100% interest in three (3) projects comprising six (6) exploration licences covering approximately 5,270km².

Genmin's Baniaka and Bakoumba projects are located in south-east Gabon near the provincial city of Franceville, where the Company has an extensive footprint and controls all acreage prospective for iron ore. The Baniaka and Bakoumba projects represent a potential iron ore hub with 2,445km² of landholding and 121km of iron mineralised strike with only 13% drill tested with diamond drilling.

Genmin's flagship project, Baniaka, is at feasibility stage with defined JORC Code (2012 Edition) compliant Mineral Resources and is favourably situated adjacent to existing and operating bulk commodity transport and renewable energy infrastructure.



Figure 1: Location map of Genmin's iron ore projects in Gabon, central West Africa

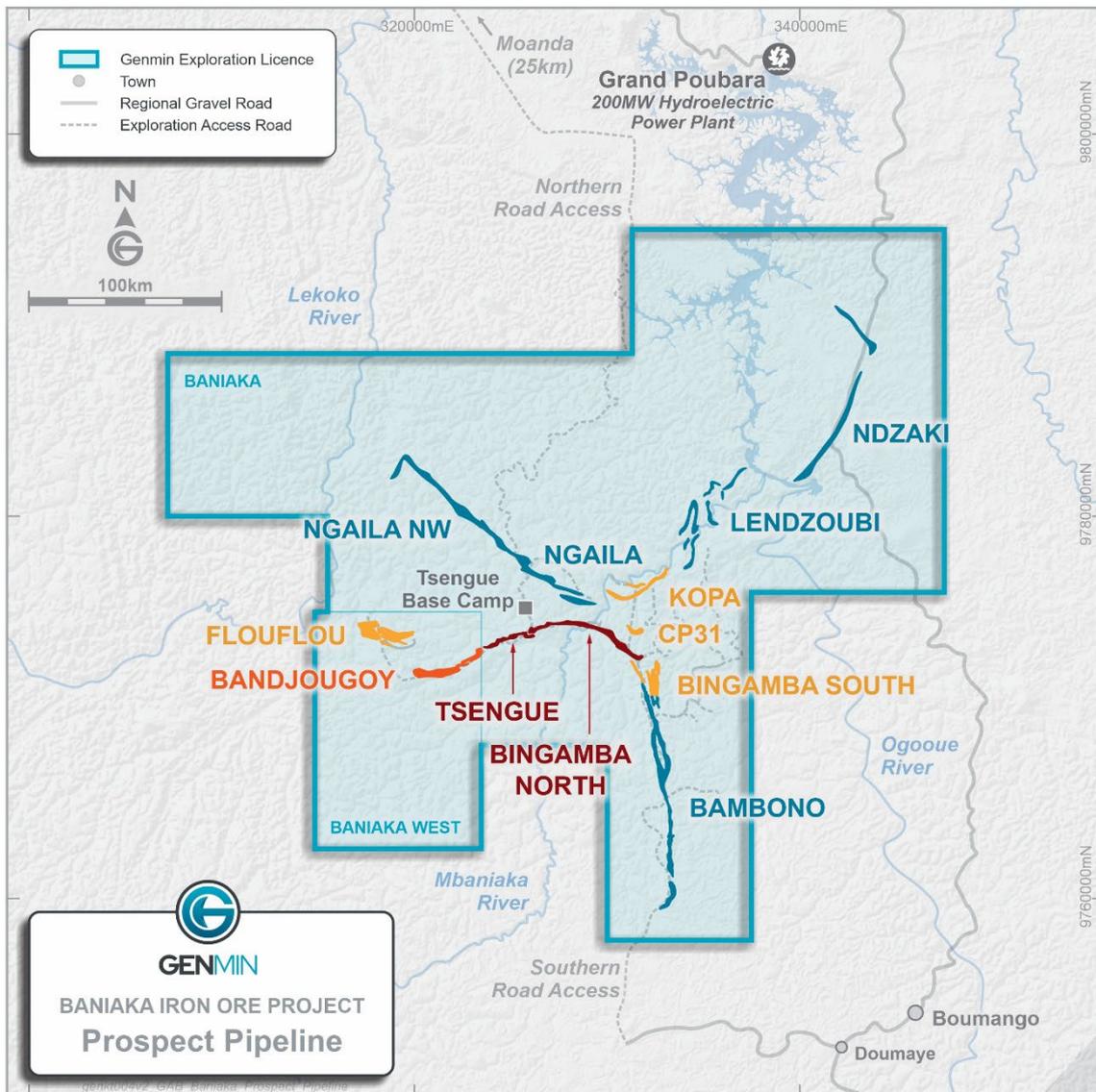
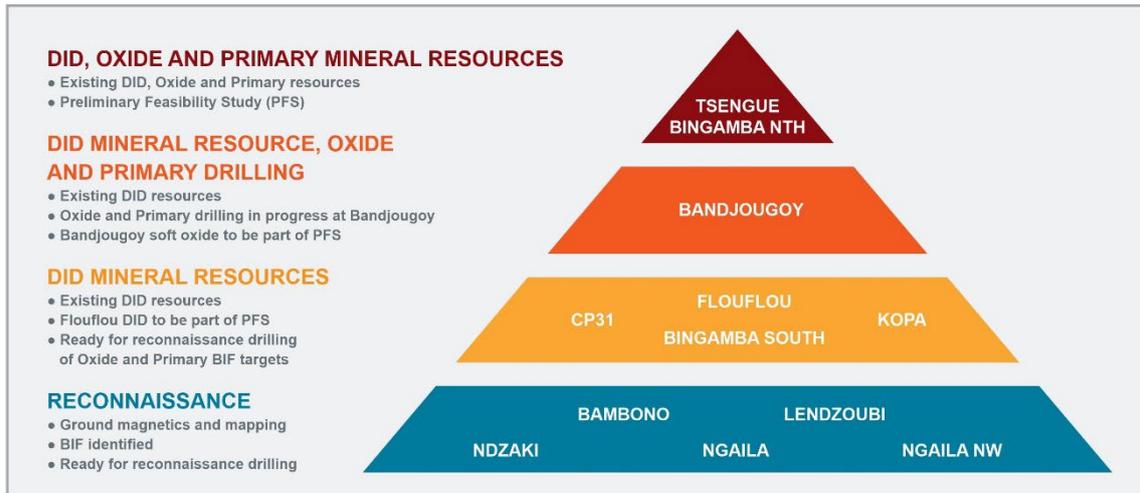


Figure 2: Baniaka prospect pipeline showing major prospect locations and maturity