



# 2021 Annual Report

ABN 11 127 171 877

## Corporate Directory

### Directors

**Mr Simon Jackson**  
Non-Executive Chairman  
(appointed 19<sup>th</sup> October 2021)

**Mr Andrew Pardey**  
Non-Executive Director

**Mr Steven Michael**  
Non-Executive Director

**Mr Paul Roberts**  
Managing Director

### Company Secretary

Mr Ian Hobson

### Registered Office

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Subiaco WA 6000

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**Website:** [www.predictivediscovery.com](http://www.predictivediscovery.com)

### Postal Address

PO Box 1710  
West Perth WA 6872

### Auditor

PKF Perth Level 4, 35 Havelock Street  
West Perth WA 6005

### Share Registry

Link Market Services Limited  
Level 4, 152 St Georges Terrace  
Perth WA 6000

**Telephone:** +61 8 9211 6670

**Email:** [info@linkmarketservices.com.au](mailto:info@linkmarketservices.com.au)

### ASX Code

PDI



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# Letter from the Managing Director

## Dear Fellow Shareholders,

The last 12 months have been extraordinary for Predictive by any measure. It has been a transformational year for the Company but with some challenges as we balanced our exploration of a once-in-a-decade gold discovery in West Africa with the global pandemic, ensuring our team was able work safely and supporting our local communities on the Bankan Project.

On the last day of September this year, our team's hard work culminated in an impressive maiden Mineral Resource Estimate for the Bankan Gold Project, beating market expectations with an inferred resource of 72.8Mt @ 1.56g/t Au containing 3.65 million ounces of gold within a US\$1,800 per ounce constrained pit shell. While the MRE was the key event in September, it marked the end of one of the most extraordinary months in the life of Predictive, with reporting of a successful metallurgical testwork program and a new discovery to the SW of NE Bankan.

At the beginning of the year, in July 2020, the Company was coming to grips with the NE Bankan discovery, made only two months previously. From then on, the stream of constant excellent results was a clear harbinger of things to come as the deposit began to reveal itself both along strike and at depth.

Wide and continuous zones of gold mineralisation were intersected throughout the year including 51m @ 2.5g/t gold and 54m @ 2.1g/t gold from surface, demonstrating the shallow open pit potential of the project. Deeper drilling demonstrated very broad widths at depth, such as 88m @ 1.8g/t gold and then, on 1 July 2021, revealed the beginnings of the deposit's high-grade core with a headline intercept of 44m @ 8.0g/t Au. The high-grade core was further confirmed post reporting period with bonanza gold grades returned over broad widths from diamond drillhole BNEDD0088 which returned 49.7m @ 11.7g/t gold from 301m, including 7.0m @ 50.3g/t gold.

The Bankan project now ranks globally as one of the most exciting gold projects both in size and potential. And potential is what the project really represents. While the new MRE represents an important early milestone in the project, the exploration potential is enormous, at depth and along strike of the two known gold deposits, and in the broader area, less than 10% of which has been drill tested so far.

Leveraging a whole-of-Bankan aeromagnetic survey, regional results from power auger and aircore drill programs on the project to date have yielded high-grade results in multiple locations across the project area, providing opportunities for further large gold discoveries. As such, ongoing regional exploration is a key component of our plans for 2021-22.

Corporately, the Company completed two placements, raising more than A\$37 million of funds and introducing a number of highly regarded international funds onto our register. The combination of the capital raised and a low discovery cost of A\$4 per ounce has resulted in a strong balance sheet that continues to deliver strong results and a platform to grow our resource inventory.

We are very proud of our efforts to support our local communities. Predictive has long championed the importance of partnering with local communities to offer new employment, new business opportunities and help in educating their children. We have followed that path again since we started work in Guinea.

None of our achievement would have been possible without the efforts of our entire team, building on the Company's experience throughout West Africa. A special mention is due to the head of our West African exploration programs, Mr Aimé Nganare, who has worked tirelessly in progressing the Bankan Project and our exploration elsewhere in Guinea. I also thank my fellow board members for all their efforts and support during the past year.



Finally, I would like to thank the Government and people of Guinea. The Company's future lies in our connection to that country and we are committed to partnering with the key Government agencies, especially the Ministries of Mines and Environment, to develop a very large new gold mining project at Bankan, delivering great outcomes to the State, communities in our region and to the environment.

As Managing Director, it gives me great pleasure to present the 2021 Annual Report for Predictive Discovery Limited, I thank you for your support throughout financial year 2021 and hope that our progress during the forthcoming year will continue to add value to your investment in Predictive.

Yours sincerely,

**Mr Paul Roberts**  
Managing Director



# Review of Operations

The Company has a portfolio of gold projects in Guinea, Cote D'Ivoire and Burkina Faso in West Africa.

**The Bankan Gold Project is the Company's flagship project. All of the Company's exploration focus is now in Guinea as the project areas in Cote D'Ivoire and Burkina Faso are either subject to joint venture or on care and maintenance.**

The Company's focus in the 2021 financial year was mainly on the Bankan project but with some work elsewhere on regional Guinea projects, principally Koundian. Very large drilling programs, totalling 2,962 drill holes for 75,564m, were completed during the year in Guinea.

These comprised 2,737 power auger holes (totalling 45,987m), 155 reverse circulation (RC) holes (totalling 12,203m), 41 diamond drill (DD) holes (totalling 8,971m) and 29 RC-DD holes (totalling 8,403m).

## Bankan Project

The Bankan Project is located within Guinea's Siguiri Basin. It contains two greenfields gold discoveries and is the Company's flagship project.

Since the discovery of the NE Bankan gold deposit in April 2020, the Company has completed extensive drilling programs, substantially growing the known gold mineralisation and has made a second gold discovery at Bankan Creek, just 3km from the initial discovery holes.

Post-reporting period, on 30 September, 2021, the Company announced a maiden Mineral Resource Estimate (MRE) for both the NE Bankan and Bankan Creek deposits totalling 72.8 million tonnes averaging 1.56g/t Au containing 3.65 million ounces of gold.

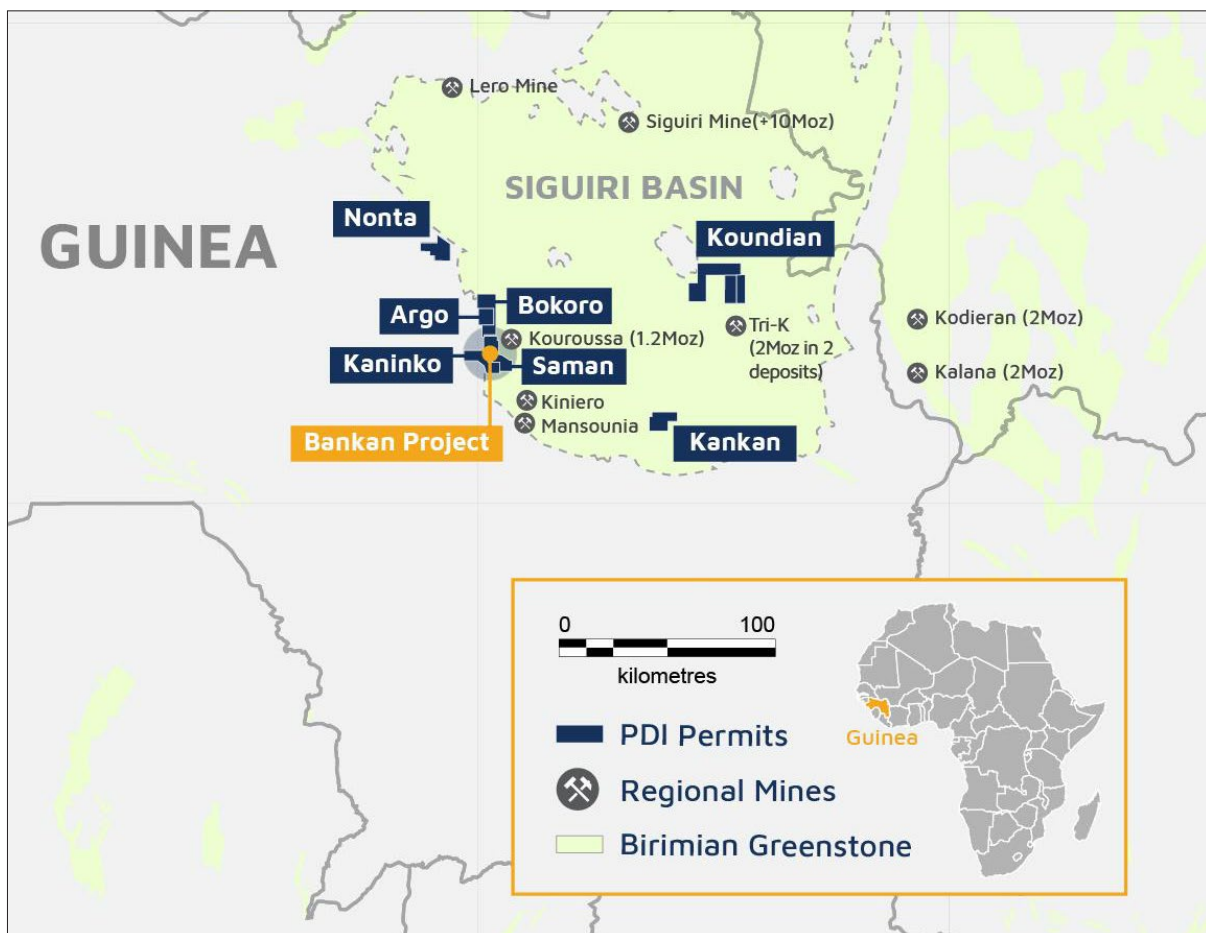


Figure 1 - Predictive's Bankan Project and exploration tenure in Guinea, West Africa

## NE Bankan

On 15 April 2020, the Company announced the new gold discovery at NE Bankan. The 2020-21 financial year saw a significant increase in the level of drilling, with the vast majority of RC and DD drilling completed there, all of which contributed towards the MRE reported on 30 September 2021.

Drilling during 2020-21 defined an initial gold-mineralised strike length of 1.3km and then progressively drilled the deposit to depth on 80m-spaced cross sections (Figures 2-6).

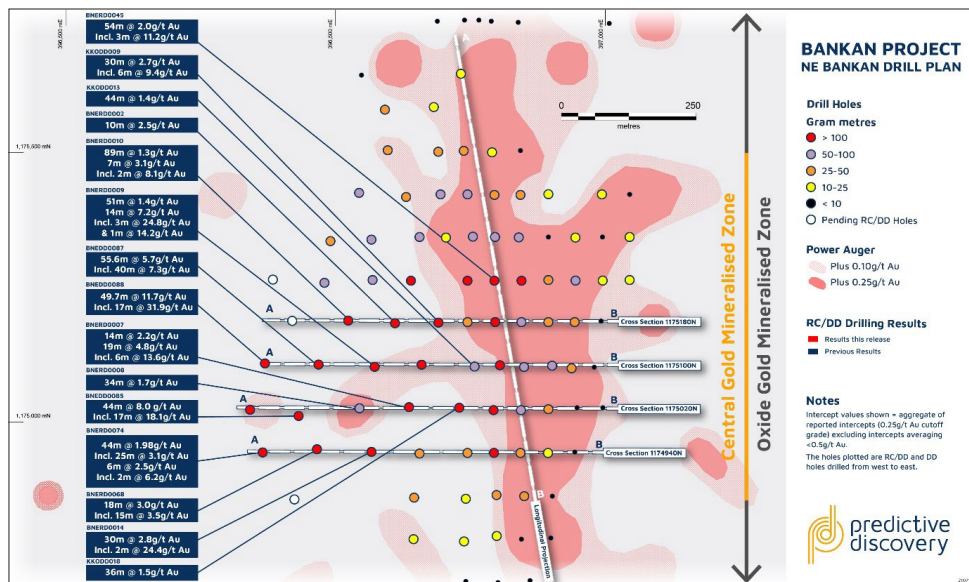


Figure 2 - NE Bankan Drillhole Plan (from Corporate Presentation – 27 July 2021)

Infill RC drilling has confirmed a substantial zone of shallow oxide mineralisation at NE Bankan, with deeper DD drilling highlighting very broad widths in fresh rock and excellent hole-to-hole continuity, as well as major depth extensions (see Figures 3-7).

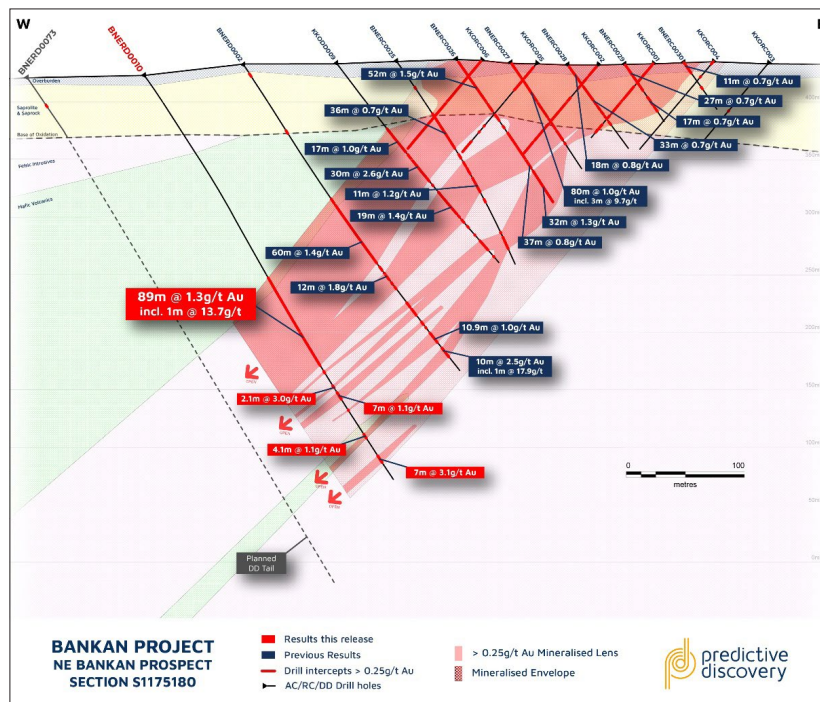


Figure 3 - Section 1175180N (from Corporate Presentation – 27 July 2021)



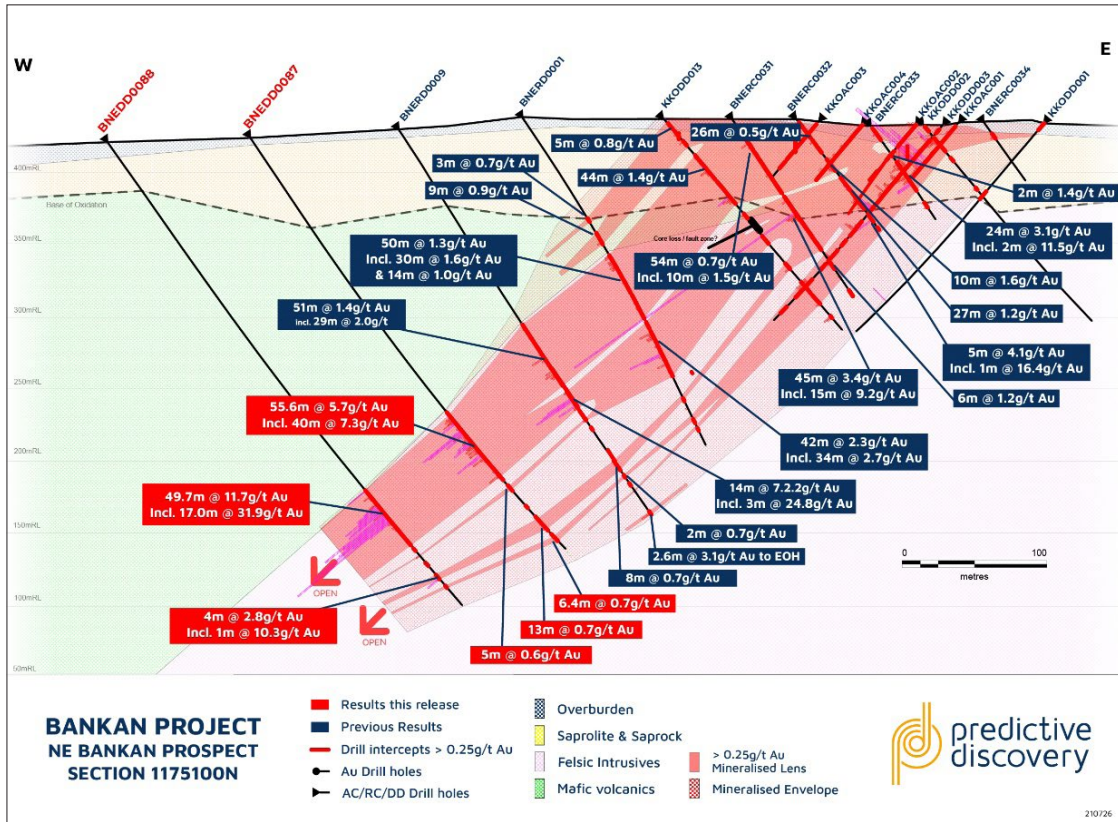


Figure 4 - Section 1175100N (from Corporate Presentation – 27 July 2021)

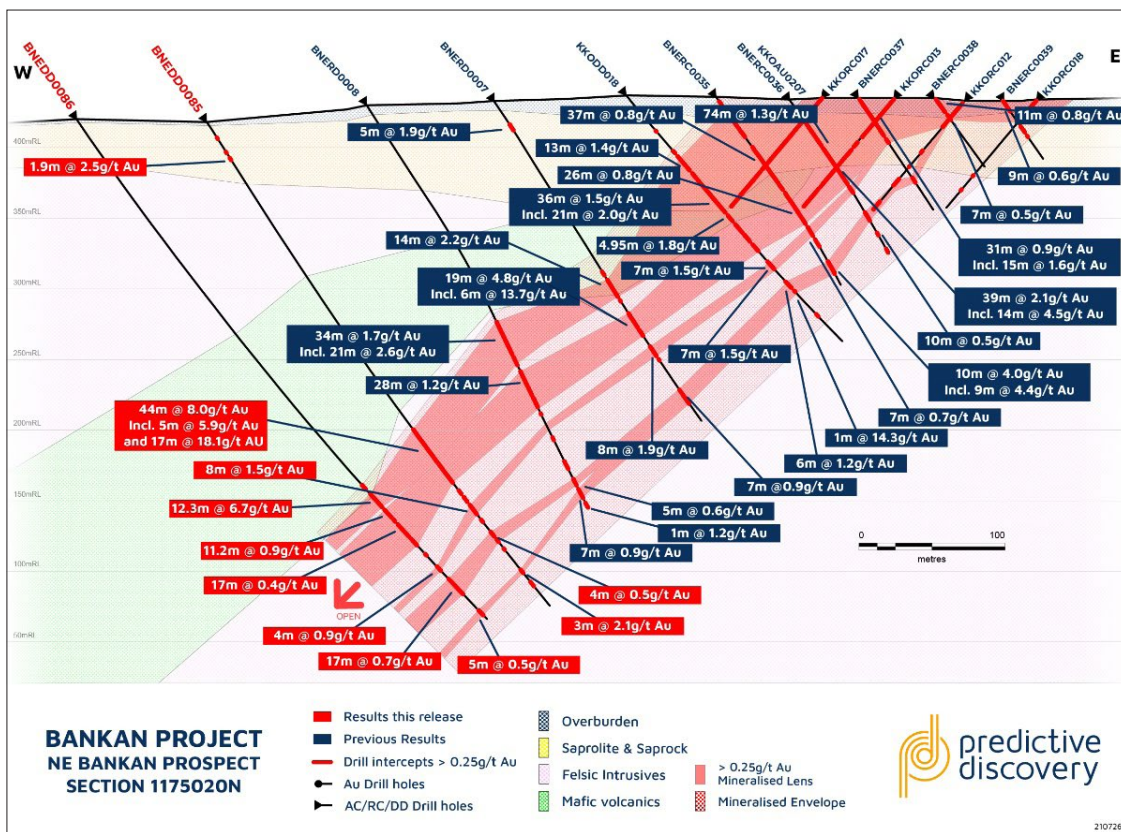


Figure 5 - Section 1175020N (from Corporate Presentation – 27 July 2021)

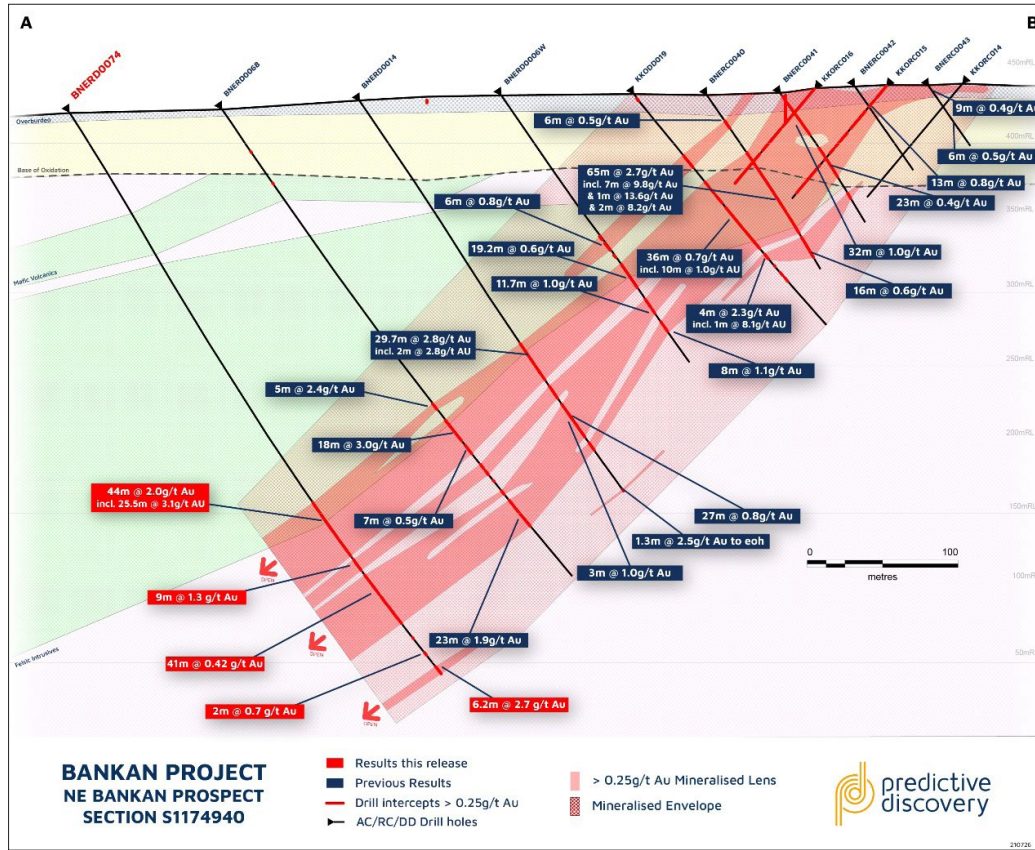


Figure 6 - Section 1174940N (from Corporate Presentation – 27 July 2021)

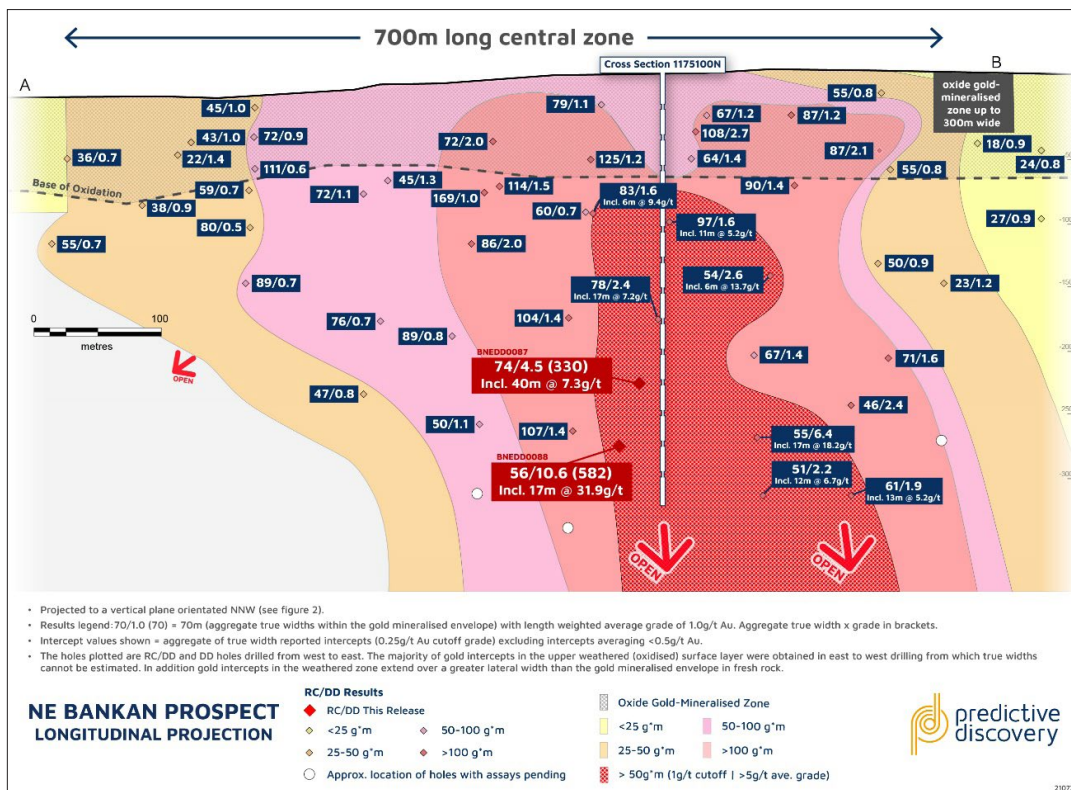


Figure 7 - Longitudinal project through NE Bankan (from Corporate Presentation – 27 July 2021)

Better intercepts received during the reporting period included:

- KKODD011<sup>1</sup>: 55m at 2.94g/t Au from 97m, including 1m at 46.5g/t Au
- KKORC016<sup>1</sup>: 26m at 21.9g/t gold from 58m (to end of hole), including 6m at 68.0g/t gold from 58m and, 2m at 8.6g/t gold from 72m and, 6m at 17.3g/t gold from 78m (to end of hole)
- KKORC021<sup>1</sup>: 73m at 3.2g/t gold from 9m, including, 5m at 8.5g/t gold from 80m
- KKORC028<sup>1</sup>: 55m at 3.3g/t gold from 4m, including 5m at 5.2g/t gold from 19m, 2m at 7.9g/t gold from 37m, 2m at 6.3g/t gold from 44m, 1m at 14.4g/t gold from 51m, plus 9m at 2.8g/t gold from 81m (EOH)
- BNERD001<sup>2</sup>: 42m @ 2.3 g/t Au from 165m
- BNERD007<sup>2</sup>: 19m @ 4.8m Au from 178m, incl. 6m @ 13.7g/t Au
- BNERD009<sup>6</sup>: 51m @ 1.4g/t Au from 161m, and 14m @ 7.2g/t Au from 217m, incl. 3m @ 24.8g/t Au from 222m, and 1m @12.3g/t Au from 228m
- BNERD0074<sup>3</sup>: 44m @ 2.0g/t Au from 310m, 9m @ 1.3g/t Au from 357m, and 6m @ 2.5g/t Au from 448m, incl. 2m @ 6.2g/t Au from 452m (to EOH)

The drilling demonstrated an overall increase in gold grades with depth, with especially high-grade intercepts released after the end of the reporting period.

## Bankan Creek

The Company significantly increased drilling at Bankan Creek during 2020-21 in preparation for the maiden Mineral Resource Estimate on the Bankan Creek deposit which was released on 30 September 2021.

RC and DD drilling was carried out on 40m spaced lines with a 40m-80m hole spacing along lines<sup>3</sup>. Mineralisation at Bankan Creek currently extends for approximately 300m along strike and remains open to depth and along strike. Infill drilling returned some excellent results<sup>3</sup> with BCKRC0008 returning 36m @ 3.1g/t Au from 14m, including 2m @ 17.3g/t Au from 41m and hole BCKRC0011 returning 45m @ 2.0g/t Au from 11m.

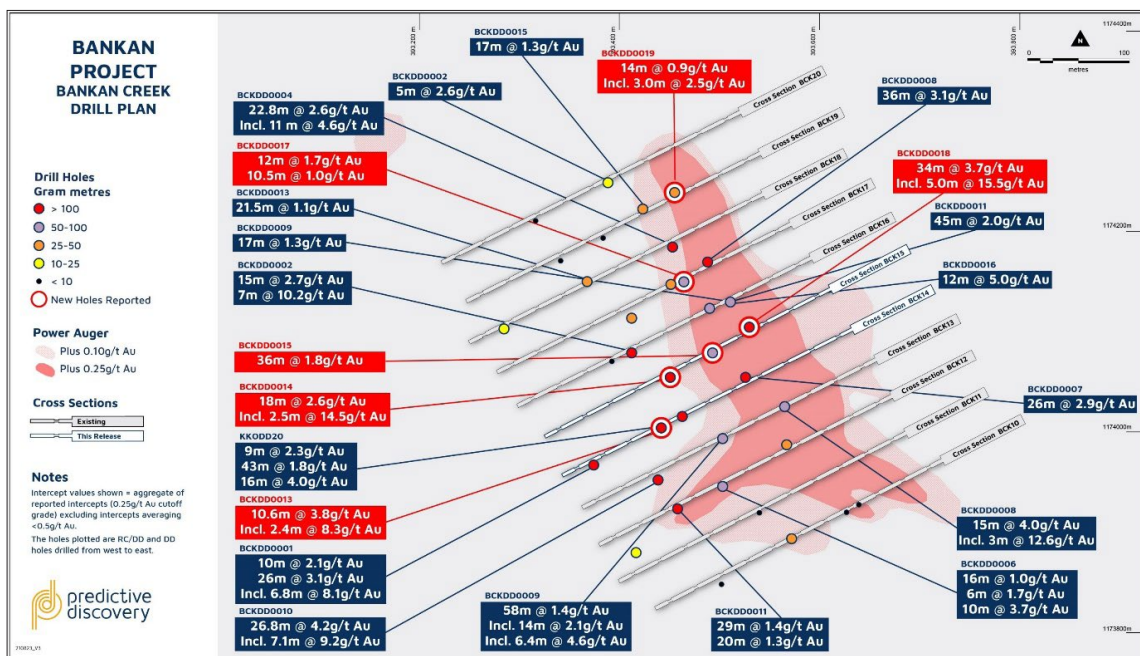


Figure 8 - Bankan Creek Drillhole Plan (from ADU Presentation – 2 September 2021)

1 ASX Announcement 29 October 2020 – Quarterly Activities Report for period ending 30 September 2020  
 2 ASX Announcement 30 April 2021 – Quarterly Activities Report for period ending 31 March 2021  
 3 ASX Announcement 17 June 2021 - BROAD GOLD INTERCEPTS FROM BANKAN CREEK AND NE BANKAN

> Review of Operations

Bankan Project

Better drill intercepts reported during the reporting period include:

- BCKDD001<sup>4</sup>: 10.4m at 2.1g/t Au from 199m, 26m @ 3.1g/t Au from 240m, including 6.8m @ 8.1g/t Au from 242m
- BCKDD002<sup>5</sup>: 40m @ 3.0g/t Au from 104m, including 7m @ 10.2g/t Au from 104m (including 5m @ 14.2g/t Au), 15m @ 2.7g/t Au from 118m
- BCKDD0004<sup>5</sup>: 22.8m @ 2.6g/t Au from 10m, including 9.2m @ 5.9g/t Au, 11m @ 4.6g/t Au from 62m
- BCKRC0008<sup>6</sup>: 36m @ 3.1g/t Au from 14m (to EOH), incl. 2m @ 17.5g/t Au from 41m
- BCKRC0011<sup>6</sup>: 45m @ 2.0g/t Au from 11m

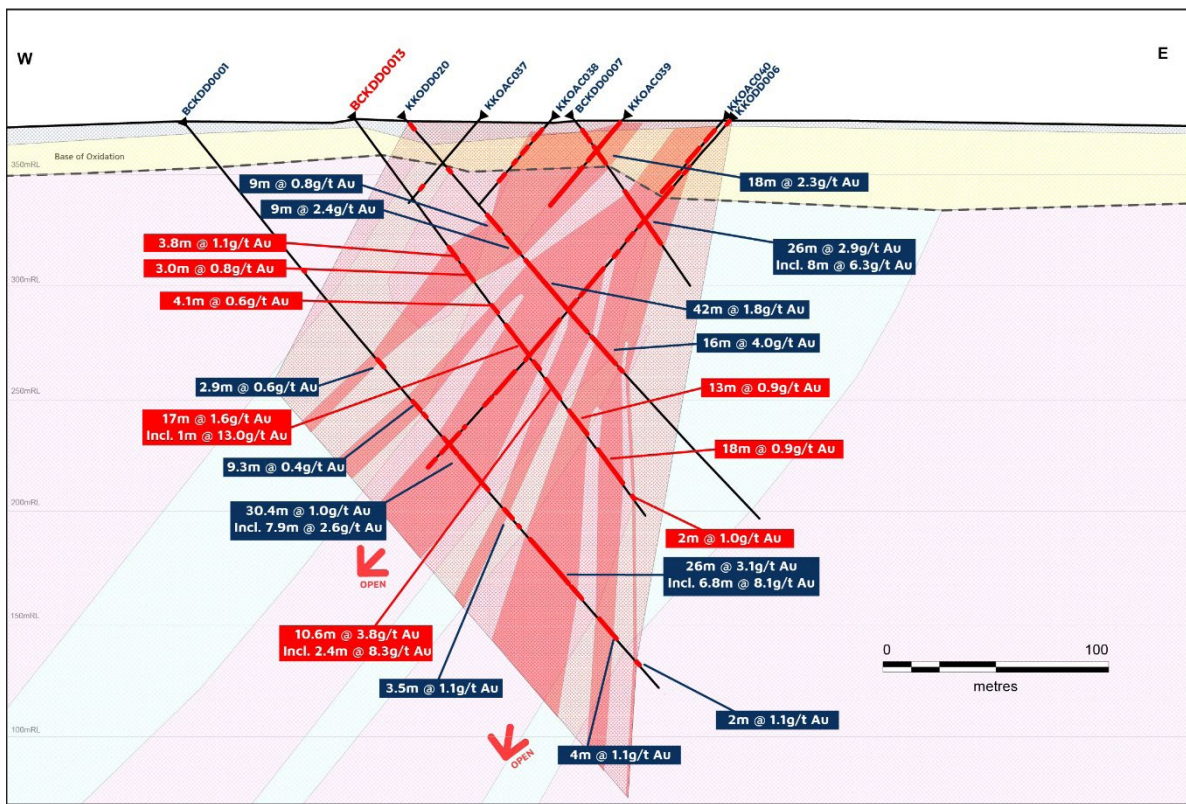


Figure 9 - Bankan Creek section BCK14 (from ASX release dated 24 August 2021)

4 ASX Announcement 28 January 2021 - OUTSTANDING, WIDE GOLD INTERCEPT GROWS BANKAN AT DEPTH

5 ASX Announcement 11 February 2021 - HIGH GRADE DRILL RESULTS EXTEND BANKAN CREEK GOLD DISCOVERY TO NORTH

6 ASX Announcement 30 July 2021 – Quarterly Activities Report for period ending 30 June 2021



# Other projects

## Koundian, Guinea

The Company commenced exploration at the Koundian Project, located 115km east-northeast of the Company's flagship Bankan Gold Project in Guinea during 2020-21. In May 2021<sup>7</sup>, the Company announced outstanding results from its first program of power auger drilling and rock chip sampling.

Power auger drilling from the Koundian Project returned shallow high-grade gold along a corridor of interpreted NE orientated structures:

- 6m @ 32.0g/t Au from 4m (to EOH), incl. 4m @ 45.0g/t Au from 4m (KDNAU0473)
- 6m @ 9.8g/t Au from 4m (to EOH) (KDNAU0406)
- 6m @ 1.3g/t Au from 4m (to EOH) (KDNAU0546)

A program of 753 holes, totalling 8,012m, was reported in this first release. The drilling was carried out on a 320m x 80m grid spacing. The auger drilling was designed to test structural targets revealed by the recent aeromagnetic survey plus some other areas of extensive artisanal gold workings.

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<sup>7</sup> ASX Announcement 31 May 2021 - 6M @ 32G/T GOLD FROM FIRST DRILLING AT KOUNDIAN PROJECT, GUINEA

> Review of Operations

Other Projects

The rock chip sampling program returned multiple +10g/t Au values and a peak result of 33.6g/t Au.

Both the power auger drilling and rock chip results confirm the presence of widespread high grade gold values on the project area.

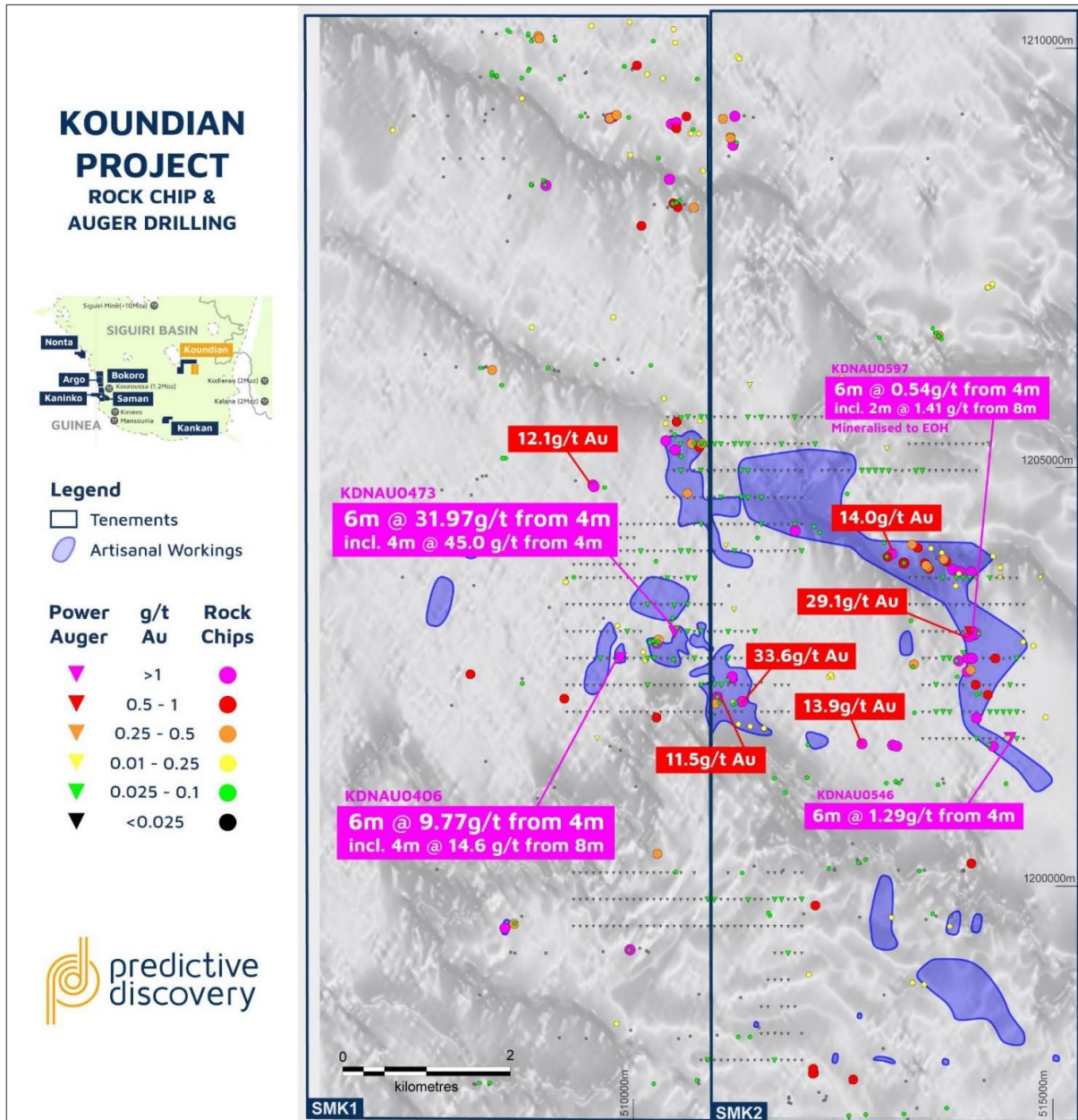


Figure 10 - Koundian Project, power auger and rock chip sample locations and mapped artisanal workings overlain on greyscale aeromagnetic image

# Cote D'ivoire

Predictive Discovery retains interests in three packages of ground in Cote D'Ivoire:

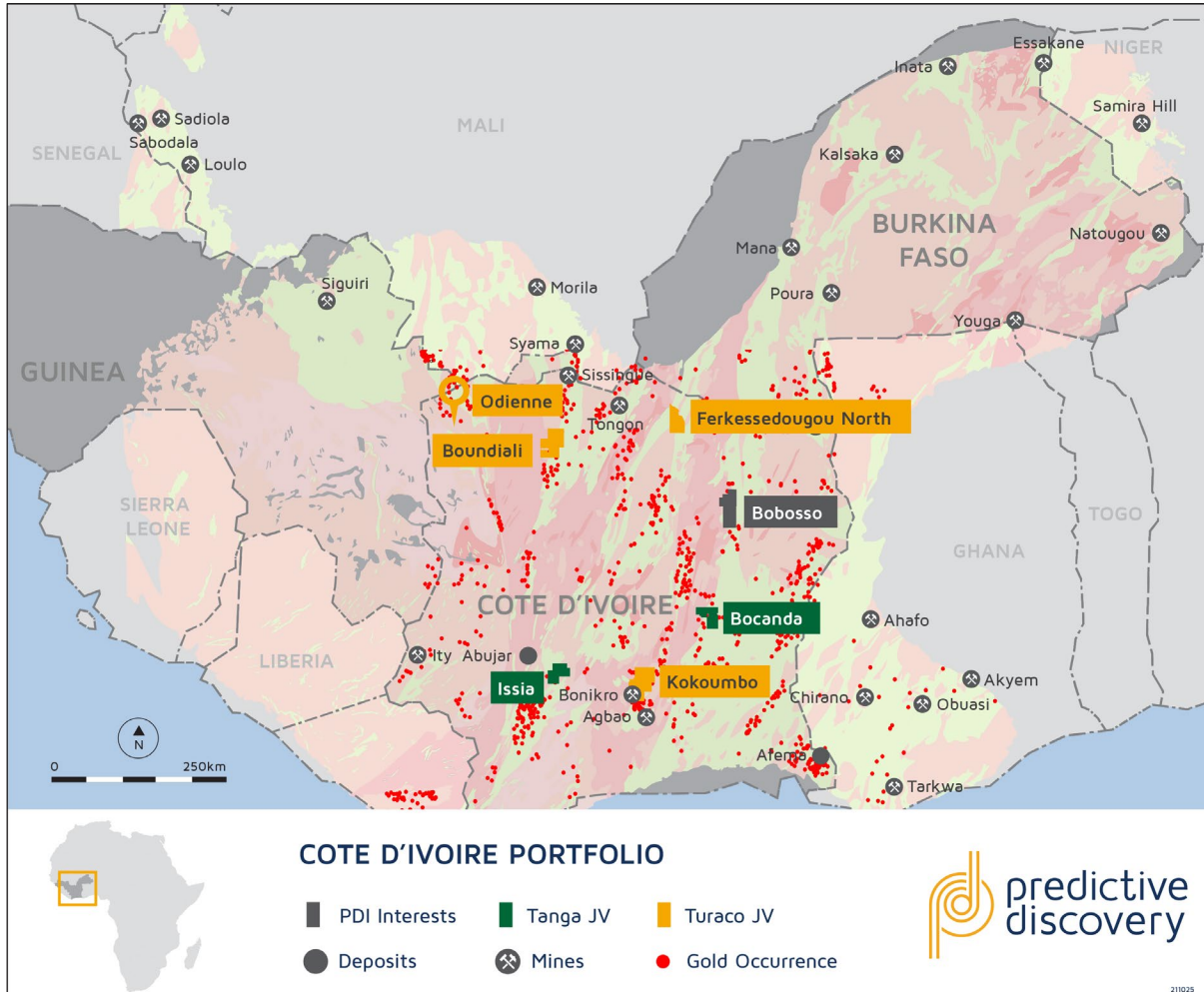


Figure 11 - PDI's project portfolio in Cote D'Ivoire

## Tanga (Glomin) JV

In August 2020<sup>8</sup>, the Company entered into a Joint Venture (JV) with Glomin Services Limited (Glomin) to explore Predictive's Bocanda Permit and the Issia permit application. Subsequently, control of Glomin passed to Tanga Resources Limited (ASX: TRL)

The new JV is advancing exploration on the above permits and applications, with Predictive free carried at 20% until a Mining Lease is granted. Following grant of a Mining Lease, Predictive will have the option to contribute to future expenses including mine development costs or dilute to a 2% Net Smelter Return (NSR) royalty on future gold production.

Tanga may, at any time, repurchase from Predictive half of the royalty for a purchase price of US\$10,000,000, reducing the royalty to a 1% NSR. If Tanga elects to discontinue work on any of the three permits in the first 4 years from signature of this agreement, the permit in question will be returned to Predictive at no cost. While Tanga is operating, it is responsible for ensuring that the permits and applications are kept in good stead with the Cote d'Ivoire Mines Ministry.

8 ASX Announcement 6 August 2020 - New Joint Venture in Cote d'Ivoire



## Turaco (Manas) JV

The Company was in a JV with Resolute Mining at the commencement of the reporting period. In May 2021<sup>9</sup>, the Company announced that Resolute had divested its interest in the JV to Manas Resources Limited and at the same time, Predictive Discovery restructured its interest in the JV.

Following the restructure, Predictive was entitled to receive 100 million performance shares in Manas, vesting under certain resource discovery milestones. Importantly, the Company was then no longer responsible for exploration expenditure and joint venture cash contribution. Predictive swapped its 23.5% contributing equity interest in the Cote D'Ivoire joint venture for an 11% free carried equity interest plus the performance shares. The Company is free carried at 11% through to a 'Decision to Mine' following grant of a mining permit and completion of a Definitive Feasibility Study.

Post-reporting period, Manas underwent a 1 for 10 share reconstruction in the course of changing its name to Turaco Gold (ASX: TCG) and Predictive's entitlement to performance shares was reduced to 10 million shares based on the same performance criteria.

## Bobosso Project

The Company holds a residual interest in the Bobosso Project, which is owned by Montage Gold Corp. Predictive is entitled to a minimum payment of US\$2.15M on first mine development and US\$4.30/Ore Reserve Oz Au as defined in a BFS and due upon first production.

9 ASX Announcement 21 May 2021 - PDI Retains Free Carry Interest in Restructure of CDI JV



## Burkina Faso

In November 2020<sup>10</sup>, Predictive Discovery announced that it had executed an agreement with Progress Minerals Inc. (Progress), a subsidiary of TSX-listed Montage Gold Corp., in respect of the Company's Burkina Faso property package, including the 184,000oz Bongou gold deposit<sup>11</sup>.

This saw Predictive's ownership return to 100% (from a 49% joint venture interest) in the entire Burkina Faso package, creating a far simpler ownership structure, and greater appeal as the Company continues to consider potential divestment opportunities for its Burkina Faso assets.

Predictive's holdings in Burkina Faso are located in the east of the country and cover approximately 90km of strike length of the Samira Hill greenstone belt in eastern Burkina Faso. This belt hosts the 2.5 Moz Samira Hill gold deposit across the border in Niger and contains numerous active artisanal gold mine sites along its length.

The Company issued 4,028,477 PDI shares to Progress valued at A\$240,000 for the 51% interest acquired.

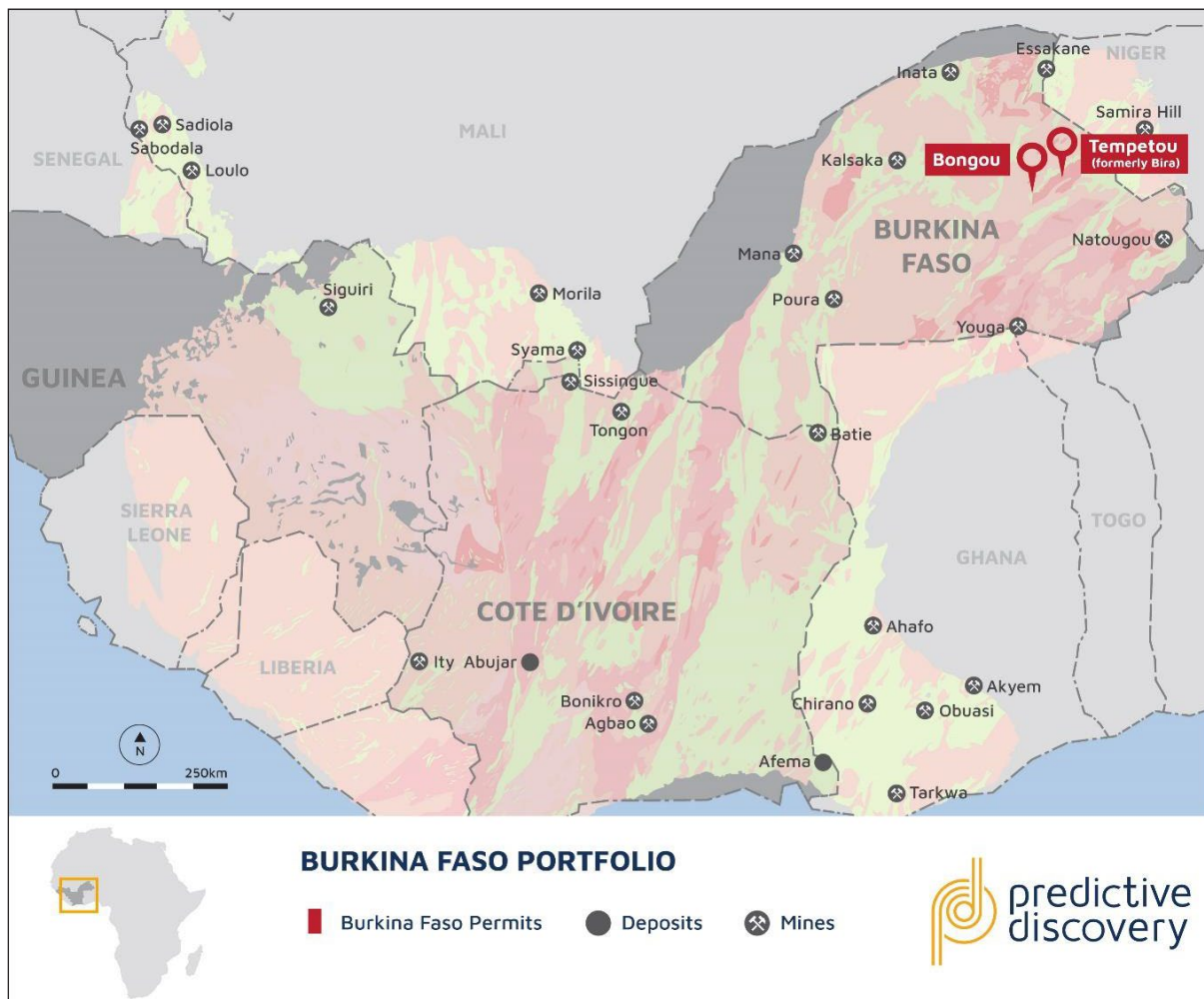


Figure 10 - PDI's Burkina Faso Project Portfolio

<sup>10</sup> ASX Announcement 3 November 2020 - PREDICTIVE CONSOLIDATES OWNERSHIP OF ITS BURKINA FASO PROJECTS

<sup>11</sup> ASX Announcement 4 September 2014 - High-Grade Maiden Mineral Resource Estimate at Bongou, Burkina Faso

## Victoria

In July 2020, Predictive confirmed its participation in a joint venture with Petratherm Limited (ASX: PTR) and Cape Clear Minerals Pty Ltd (CCM) on the Glenfine Gold Project in Victoria.

Predictive previously held a 25% equity over two of the three Exploration Licences in the Glenfine Gold Project (ELs 5534 and 5537) through an unincorporated joint venture with CCM.

Under the new JV agreement, PTR had the right to earn an 80% equity in the entire Glenfine Gold Project by expenditure of \$3 million, which, if achieved, would leave PDI and CCM jointly holding a 20% equity in the Project. In December 2020, PTR transferred its interest and rights in the Glenfine Gold Project to Outback Goldfields (CSE: OZ) and OZ has been exploring the project since that time.

Predictive's interest in the Glenfine Gold Project dates back to 2012. Given the Company's focus on West Africa and minority position in the joint venture with CCM, this is a legacy interest for PDI.

# Corporate

## Equity Placements

The Company completed equity placements totaling A\$37.1 million during the reporting period.

In October 2020<sup>12</sup>, the Company raised A\$10.6 million via a placement to new international institutional investors, major existing shareholders, Board and senior management at A\$0.056 per share. Funds were used to accelerate exploration at the Bankan Gold Project in Guinea.

A further A\$26.5 million was raised in May 2021<sup>13</sup> from tier-1 North American institutions supported by existing major shareholders. The placement, undertaken at A\$0.08 per share was used to fund a 110,000 metre drilling program at the Bankan Gold Project.

## Compliance Statement

Predictive advises that it is not aware of any new information or data that materially affects the exploration results or mineral resource estimate contained in this announcement.

<sup>12</sup> ASX Announcement 23 October 2020 - A\$10.6M INSTITUTIONAL PLACEMENT TO DRIVE EXPLORATION AT BANKAN GOLD PROJECT DISCOVERY

<sup>13</sup> ASX Announcement 11 May 2021 - A\$26.5M INSTITUTIONAL PLACEMENT TO FUEL 110,000m DRILLING



# Directors' Report

Predictive Discovery Limited (the "Company" or "Predictive") is a public company incorporated and domiciled in Australia and listed on the Australian Securities Exchange.

The directors of the Company present their report on the Group, which comprises Predictive Discovery Limited and its controlled entities, for the year ended 30 June 2021.

The names of the directors in office at any time during, or since the end of the year are:

<b>NAMES</b>	<b>POSITION</b>
Mr Francis Harper	Non-Executive Chairman (Appointed 22 March 2021)
Mr Paul Roberts	Managing Director
Mr Steven Michael	Non-Executive Director
Mr Andrew Pardey	Non-Executive Director (Appointed 22 March 2021)
Mr Phillip Jackson	Non-Executive Chairman (Resigned 22 March 2021)

The directors have been in office since the start of the financial year to the date of this report unless otherwise stated.

## **COMPANY SECRETARY**

### **Mr Ian Hobson – B. Bus FCA ACIS MAICD**

Mr Hobson is a Fellow Chartered Accountant and Chartered Secretary with 15 years of experience as Company Secretary of ASX listed companies. Mr Hobson is also Company Secretary of Decmil Group Ltd, Province Resources Ltd, Novatti Group Ltd, Dubber Corporation Ltd and DTI Technologies Ltd.

## **PRINCIPAL ACTIVITIES**

During the financial year, the principal activity of the Group was mineral exploration with the objective of identifying and developing economic reserves in West Africa and Australia.

## **OPERATING RESULTS FOR THE PERIOD**

The consolidated loss of the Group for the financial year after providing for income tax amounted to \$6,622,404 (2020: \$2,352,700). This was largely from exploration costs, share of losses of associates and the costs of administering the Group to 30 June 2021.

## DIVIDENDS PAID OR RECOMMENDED

No dividends were paid or declared since the start of the financial year. No recommendation for payment of dividends has been made.

## FINANCIAL POSITION

The net assets of the Group have increased by \$23,436,847 from 30 June 2020 to 30 June 2021. This net movement is largely due to the following factors:

- \$28.7m net capital raising;
- Expenditure on exploring and evaluating the assets in Guinea and Burkina Faso.

## SIGNIFICANT CHANGES IN STATE OF AFFAIRS

No significant changes in the Group's state of affairs occurred during the financial year.

## EVENTS AFTER THE END OF REPORTING PERIOD

The following events have occurred subsequent to the year ended 30 June 2021:

- (i) Approval of 8,000,000 options on 9 July 2021, which was issued to brokers on 28 July 2021
- (ii) Approval of the 2nd tranche of the May 2021 Placement shares on 9 July 2021, which were issued on 19 July 2021 i.e. 81,580,127 at \$0.08 per share. Of this amount, 375,000 shares were issued to Paul Roberts and 187,500 shares were issued to Steven Michael.
- (iii) The company sold 12.5% of their interest in the Cote D'Ivoire tenements to Turaco Gold, an ASX listed company, in exchange for 10,000,000 performance shares issued on 6 August 2021.
- (iv) Conversion of 1,438,471 Listed Options to Shares at \$0.018 per share on 17 August 2021.
- (v) On 5 September 2021, there was a Coup D'état in Guinea. While these recent developments are being closely monitored to assess and mitigate impacts to the consolidated entity's exploration in Guinea, the reason for the coup and early signs from the interim leadership provide reassurance that the impact to the resources sector are likely to be minimal. Therefore, this event does not warrant impairment of the Guinea exploration assets at this time.

The Company recognises the current global COVID-19 pandemic may impact on its operations. Specifically, government restrictions may:

- (i) prevent Company staff or contractors from carrying out their exploration activities; or
- (ii) impede the supply of equipment or other exploration consumables required to do the exploration work.

The nature and extent of the effect of the outbreak on the performance of the Company remains unknown. The Company's share price may be adversely affected in the short to medium term by the economic uncertainty caused by COVID-19. Further, any governmental or industry measures taken in response to COVID-19 may adversely impact the Company's operations and are likely to be beyond the control of the Company. The ability to freely move people and equipment to and from exploration projects may cause delays or cost increases. The effects of COVID-19 on the Company's share price may also impede the ability to raise capital, or require the Company to issue capital at a discount, which may in turn cause dilution to shareholders.

There has not been any other matter or circumstance arising after the balance date that has significantly affected or could significantly affect the operations of the Group, the results of those operations, or the state of affairs of the Group in future financial years.

## FUTURE DEVELOPMENTS

Likely developments in the operations of the Group and the expected results of those operations in future financial years have not been included in this report, as the inclusion of such information is likely to result in unreasonable prejudice to the Group.

## ENVIRONMENTAL ISSUES

The Group's operations are subject to significant environmental regulations under the Commonwealth and State legislation in Australia and under local legislative authorities in Guinea and Burkina Faso. The Board believes that the Group has adequate systems in place for the management of its environmental regulations and is not aware of a breach of those environmental requirements as they apply to the Group.

## INFORMATION ON DIRECTORS

### Mr Francis Harper

Qualifications

Experience

Interest in Shares and Options  
(at the date of this report)

Directorships held in other listed entities  
during the three years prior to the current  
year

### Non-Executive Chairman

LLB (Hons), BEc

Mr Harper is Chairman and a significant shareholder in Tietto Minerals Limited, which is studying development of the expanding 3 million-ounce Abujar Gold Project in Ivory Coast. Prior to that, from 2009 to 2015, he was a major shareholder and Chairman of West African Resources, which recently commissioned the high-grade Sanbrado gold project in Burkina Faso. He was also Chairman of Vital Metals Ltd until 2020 and is a founding director and co-owner of Blackwood Capital since 2002. Blackwood Capital has raised over \$1 billion for ASX resources and industrial companies. Prior to this he was an Executive Director of Rothschild Australia and spent 15 years with the NM Rothschild Group in the US, UK and Australia in resources M&A and project finance advice.

Shareholding: Nil      Option holding: 7,000,000

Tietto Minerals Limited  
Vital Metals Ltd (resigned August 2020)

### Mr Paul Roberts

Qualifications

Experience

Interest in Shares and Options  
(at the date of this report)

Directorships held in other listed entities  
during the three years prior to the current  
year

### Managing Director

BSc, MSc, FAIG, MGSA

Mr Roberts has a long and successful history in mineral exploration management and mine geology both in Australia and overseas. He was responsible for discovery of the Henty gold deposit and major extensions to the St Dizier tin deposit both in Tasmania, as well as resource evaluations of the Kuridala copper gold deposit in North Queensland, the Bongara zinc deposit in Peru and a number of gold deposits in the Cue and Meekatharra districts in Western Australia.

Shareholding: 6,349,171      Option holding: 12,500,000 (unlisted)

None

**Mr Steven Michael**

Qualifications

Experience

Interest in Shares and Options  
(at the date of this report)Directorships held in other listed entities  
during the three years prior to the current  
year**Non-Executive Director**

B. Com, CA, MAICD

Mr Michael has over 25 years' experience in the global resources sector specialising in corporate finance and equity capital markets. He is currently a Managing Director at FTI Consulting, an independent global business advisory firm. He has previously worked in the natural resources divisions of Macquarie Bank, Rothschild and Royal Bank of Canada. Mr Michael is also a Non-Executive Director of Tanga Resource Limited (ASX: TRL), and was previously Managing Director of ASX-listed Arrow Minerals Limited (ASX: AMD) which held several gold projects in Burkina Faso. Mr Michael is a Member of the Institute of Chartered Accountants in Australia and is a member of the Australian Institute of Company Directors.

Shareholding: 178,580      Option holding: 2,500,000

Arrow Minerals Limited (Resigned February 2020)  
Tanga Resources Limited (Appointed September 2020)**Mr Andrew Pardey**

Qualifications

Experience

Interest in Shares and Options  
(at the date of this report)Directorships held in other listed entities  
during the three years prior to the current  
year**Non-Executive Director**

BSc

Mr Pardey is a geologist with more than 30 years' experience covering exploration, project development, construction and operation. From 2015 to 2019, Mr Pardey served as the CEO of the \$2 billion LSE/TSX-listed Centamin plc, which owns the major (450,000oz pa) Sukari Gold Mine in Egypt. Prior to being CEO of Centamin, Mr Pardey was a major driving force in bringing Sukari into production, having joined during the transition of the operation from construction into production. Earlier in his career, Mr Pardey also held senior management roles at the Anglogold-Ashanti Siguiri Mine and Nordgold Lefa Mine, both of which are located within Guinea's Siguiri Basin, which also hosts Predictive's Bankan Project.

Shareholding: Nil      Option holding: 3,500,000

Marvel Gold Limited (Appointed June 2020)  
Tanga Resources Limited (Appointed October 2020)**Mr Phillip Jackson**

Qualification

Experience

Interest in Shares and Options  
(at the date of his resignation)Directorships held in other listed entities  
during the three years prior to the current  
year**Non-Executive Chairman (resigned 22 March 2021)**

BJuris, LLB, MBA, FAICD

Phillip Jackson, the Chairman and a Director of the Company, is a barrister and solicitor with over 25 years legal and international corporate experience, especially in the areas of commercial and contract law, mining law and corporate structuring. He has worked extensively in the Middle East, Asia and the United States of America. In Australia, he was formerly a managing legal counsel for a major international mining company, and in private practice specialised in small to medium resource companies. Phillip was managing region legal counsel: Asia-Pacific for a leading oil services company for 13 years. He was General Counsel for a major international oil and gas company. Phillip has been Chairman of Predictive since December 2014. Phillip is also non-executive Chairman of Xantippe Resources Ltd ("Xantippe"), and Anax Metals Limited and is a non-executive director of Scotgold Resources Limited.

Shareholding: 1,247,834      Option holding: 3,000,000 (unlisted)

Anax Metals Limited  
Xantippe Resources Limited  
Scotgold Resources Limited

## MEETINGS OF DIRECTORS

During the financial year, 28 meetings / circular resolutions of directors (including committees of directors) were held. Attendances by each director at meetings during the year were as follows:

Director	Directors' Meetings		Circular Resolutions	
	Number eligible to attend	Number attended	Number eligible to attend	Number attended
Mr Phillip Jackson	6	6	14	13
Mr Paul Roberts	8	8	20	19
Mr Francis Harper	2	2	6	6
Mr Andrew Pardey	2	2	6	6
Mr Steven Michael	8	8	20	19

## INDEMNIFYING OFFICERS OR AUDITORS

The Group has paid premiums to insure directors against liabilities for costs and expenses incurred by them in defending legal proceedings arising from their conduct while acting in the capacity of director of the Group, other than conduct involving a wilful breach of duty in relation to the Group. The terms and conditions of the insurance are confidential and cannot be disclosed.

## OPTIONS

At the date of this report, the unissued ordinary shares of Predictive under option, including those options issued during the year and since 30 June 2020 to the date of this report are as follows:

Grant Date	Date of Expiry	Exercise Price	Number under Option
24 December 2019	24 Dec 2022	\$0.0180	84,631,485
30 June 2020	30 Jun 2023	\$0.1800	7,500,000
09 November 2020	05 May 2023	\$0.0986	15,500,000
09 November 2020	05 May 2023	\$0.0110	2,500,000
11 December 2020	21 Dec 2023	\$0.1120	8,000,000
05 February 2021	05 May 2023	\$0.0986	25,000,000
14 May 2021	26 May 2024	\$0.0986	10,500,000
09 July 2021	28 Jul 2024	\$0.0140	8,000,000
	<b>TOTAL</b>		<b>161,631,485</b>

During the year ended 30 June 2021 1,800,000 ordinary shares of Predictive were issued on the exercise of options granted at \$0.018 per share.

## PROCEEDINGS ON BEHALF OF THE COMPANY

No person has applied for leave of Court to bring proceeding on behalf of the Group or intervene in any proceedings to which the Group is a party for the purpose of taking responsibility on behalf of the Group for all or any part of those proceedings.

The Group was not a party to any such proceeding during the year.



## **NON-AUDIT SERVICES**

The Board of Directors is satisfied that the provision of non-audit services by the auditor during the year is compatible with the general standard of independence for auditors imposed by *the Corporations Act 2001*.

Details of the amounts paid to the auditor of the Group for audit and non-audit services provided during the year are set out at note 18.

## **AUDITOR'S INDEPENDENCE DECLARATION**

The auditor's independence declaration for the year ended 30 June 2021 has been received and can be found on page 29 of the financial report.

## **REMUNERATION REPORT (AUDITED)**

### ***REMUNERATION POLICY***

It is the policy of the Company that, except in special circumstances, non-executive directors normally be remunerated by way of fixed fees, should not receive a bonus or options and should not be provided with retirement benefits other than statutory superannuation.

The Board, within the limit pre-approved by shareholders, determines fees payable to individual non-executive directors. The remuneration level of any executive director or other senior executive is determined by the Board after taking into consideration levels that apply to similar positions in comparable companies in Australia and taking account of the individual's possible participation in any equity-based remuneration scheme. The Board may use industry wide data gathered by independent remuneration experts annually as its point of reference. Options or shares issued to any director pursuant to any equity-based remuneration scheme require approval by shareholders prior to their issue. Options or shares granted to senior executives who are not directors are issued by resolution of the Board.

It is the policy of the Company that persons to whom options have been issued should not enter into any transaction in any associated product which is designed to limit the economic risk of participating in unvested entitlements under an equity-based remuneration scheme.

There are no schemes for retirement benefits, other than the payment of the statutory superannuation contribution for non-executive and executive directors.

All executives receive a base salary (which is based on factors such as qualifications, expertise, experience etc.), superannuation and fringe benefits and are eligible for the grant of options under the Employee Option Plan.

The Board policy is to remunerate non-executive directors at market rates for comparable companies for the time, commitment and responsibilities.

The fees payable to individual non-executive directors must be determined by the Board within the aggregate sum of \$500,000 per annum provided for under clause 21.1 of the constitution. That aggregate sum can only be increased with the prior approval of the shareholders of the Company at a general meeting. A non-executive director is entitled to a refund of approved expenditure and may also receive payments for consultancy work contracted for and performed separately on the Company's behalf.

The Company's policy for determining the nature and amount of emoluments of Board members and senior executives of the Company is as follows:

The remuneration structure for executive officers, including executive directors, is based on a number of factors, including length of service, particular experience of the individual concerned, and overall performance of the Company. The contracts for service between the Company, Directors and executives are on a continuing basis the terms of which are not expected to change in the immediate future.

### ***PERFORMANCE-BASED REMUNERATION***

Performance based remuneration for key management personnel is limited to granting of options.

### ***RELATIONSHIP BETWEEN REMUNERATION POLICY AND COMPANY PERFORMANCE***

The remuneration policy has been tailored to increase goal congruence between shareholders, directors and executives. The issue of options in past years to the majority of directors and executives is to encourage the alignment of personal and shareholder interests. The company believes this policy will be effective in increasing shareholder wealth.

### ***PERFORMANCE CONDITIONS LINKED TO REMUNERATION***

The Group's remuneration of key management personnel does not include any performance conditions.

**REMUNERATION REPORT (AUDITED) (continued)****EMPLOYMENT DETAILS OF MEMBERS OF KEY MANAGEMENT PERSONNEL AND OTHER EXECUTIVES**

The following table provides employment details of persons who were, during the financial year, members of key management personnel of the Group, and to the extent different, among the five Group executives or company executives receiving the highest remuneration. The table also illustrates the proportion of remuneration that was performance and non-performance-based and the proportion of remuneration received in the form of options.

Key Management Personnel	Position held during the year ended 30 June 2021	Non-salary	Options/	Fixed	Total
		cash-based incentives	Rights	Salary/Fees	
		%	%	%	%
Mr Francis Harper <sup>(1)</sup>	Non-Executive Chairman	-	64	36	100
Mr Paul Roberts	Managing Director	-	59	41	100
Mr Andrew Pardey <sup>(1)</sup>	Non-Executive Director	-	57	43	100
Mr Steven Michael	Non-Executive Director	-	61	39	100
Mr Phillip Jackson <sup>(2)</sup>	Non-Executive Chairman	-	69	31	100
Mr Ian Hobson	Company Secretary	-	29	71	100

<sup>(1)</sup> Francis Harper and Andrew Pardey were appointed directors on 22 March 2021

<sup>(2)</sup> Phillip Jackson resigned as a director on 22 March 2021

All non-executive directors are remunerated on a monthly basis with no fixed term or termination benefits.

Paul Roberts, Managing Director, was engaged by way of an employment agreement with an annual salary of \$275,000 plus superannuation and 6 months' termination notice period.

Ian Hobson, who was appointed company secretary on 4 June 2020, was engaged pursuant to a consultancy agreement at \$200/hr with no notice period.

## REMUNERATION REPORT (AUDITED) (continued)

### REMUNERATION DETAILS FOR THE YEAR ENDED 30 JUNE 2021

The following table of benefits and payment details, in respect to the financial year, the components of remuneration for each member of the key management personnel of the Group and, to the extent different, the five Group executives and five company executives receiving the highest remuneration:

**Table of Benefits and Payments for the Period Ended 30 June 2021**

Key Management Personnel	Salary, fees and leave	Other	Pension and super-annuation	Shares/Units	Options/Rights	Total
	\$	\$	\$	\$	\$	\$
Mr Francis Harper <sup>(1)</sup>	17,613	-	1,673	-	33,882	53,168
Mr Paul Roberts	275,000	-	26,125	-	428,848	729,973
Mr Andrew Pardey <sup>(1)</sup>	12,702	-	-	-	16,941	29,643
Mr Steven Michael	58,200	-	-	-	150,812	209,012
Mr Philip Jackson <sup>(2)</sup>	47,177	-	-	-	102,924	150,101
Mr Ian Hobson	103,435	1,670	-	-	43,158	148,263
<b>Total Key Management Personnel</b>	<b>514,126</b>	<b>1,670</b>	<b>27,798</b>	<b>-</b>	<b>776,565</b>	<b>1,320,160</b>

(1) Appointed 22 March 2021

(2) Resigned 22 March 2021

**Table of Benefits and Payments for the Period Ended 30 June 2020**

Key Management Personnel	Salary, fees and leave	Other	Pension and super-annuation	Shares/Units	Options/Rights	Total
	\$	\$	\$	\$	\$	\$
Mr Paul Roberts	205,000	-	-	-	-	205,000
Mr Steven Michael <sup>(2)</sup>	22,955	-	-	-	-	22,955
Mr Philip Jackson <sup>(1)</sup>	50,000	-	-	-	-	50,000
Mr David Kelly <sup>(3)</sup>	14,865	-	1,412	-	-	16,277
Mr Bruce Waddell <sup>(4)</sup>	117,190	-	-	-	-	117,190
Mr Ian Hobson <sup>(5)</sup>	12,600	-	-	-	-	12,600
<b>Total Key Management Personnel</b>	<b>422,610</b>	<b>-</b>	<b>1,412</b>	<b>-</b>	<b>-</b>	<b>424,022</b>

(1) Resigned 22 March 2021

(2) Appointed 18 December 2019

(3) Resigned 18 December 2019

(4) Resigned 4 June 2020

(5) Appointed 4 June 2020

**REMUNERATION REPORT (AUDITED) (continued)****KEY MANAGEMENT PERSONNEL OPTIONS AND RIGHTS HOLDINGS**

The number of options over ordinary shares held by each key management person of the Group during the financial year is as follows:

	Balance at beginning of period	Granted as remuneration during the period	Expired during the period	Other changes during the period	Balance at end of period	Vested during the period	Vested and exercisable	Vested and unexercisable
<b>30 June 2021</b>								
Mr Francis Harper <sup>(1)</sup>	-	7,000,000	-	-	7,000,000	-	-	-
Mr Paul Roberts	1,100,000	12,500,000	(1,100,000)	-	12,500,000	12,500,000	12,500,000	-
Mr Andrew Pardey <sup>(1)</sup>	-	3,500,000	-	-	3,500,000	-	-	-
Mr Steven Michael	-	2,500,000	-	-	2,500,000	2,500,000	2,500,000	-
Mr Philip Jackson <sup>(2)</sup>	275,000	3,000,000	(275,000)	(3,000,000)	-	-	-	-
Mr Ian Hobson	-	3,000,000	-	-	3,000,000	3,000,000	3,000,000	-
	<b>1,375,000</b>	<b>31,500,000</b>	<b>(1,375,000)</b>	<b>(3,000,000)</b>	<b>28,500,000</b>	<b>18,000,000</b>	<b>18,000,000</b>	<b>-</b>

(1) Appointed 22 March 2021 (2) Resigned 22 March 2021

	Balance at beginning of period	Granted as remuneration during the period	Expired during the period	Other changes during the period	Balance at end of period	Vested during the period	Vested and exercisable	Vested and unexercisable
<b>30 June 2020</b>								
Mr Philip Jackson	550,000	-	(275,000)	-	275,000	-	275,000	-
Mr Paul Roberts	3,415,021	-	(2,315,021)	-	1,100,000	-	1,100,000	-
Mr David Kelly <sup>(1)</sup>	550,000	-	(275,000)	(275,000)	-	-	-	-
Mr Steven Michael <sup>(2)</sup>	-	-	-	-	-	-	-	-
Mr Ian Hobson <sup>(3)</sup>	-	-	-	-	-	-	-	-
Mr Eric Moore <sup>(4)</sup>	220,000	-	-	(220,000)	-	-	-	-
Mr Bruce Waddell <sup>(4)</sup>	165,500	-	-	(165,500)	-	-	-	-
	<b>4,900,021</b>	<b>-</b>	<b>(2,865,021)</b>	<b>(660,500)</b>	<b>1,375,000</b>	<b>-</b>	<b>1,375,000</b>	<b>-</b>

(1) Resigned 18 December 2019, (2) Appointed 18 December 2019, (3) Appointed 4 June 2020, (4) Resigned 4 June 2020

**KEY MANAGEMENT PERSONNEL SHAREHOLDINGS**

The number of ordinary shares in Predictive Discovery Limited held by each key management person of the Group during the financial year is as follows:

	Balance at beginning of period	Granted as remuneration during the period	Issued on exercise of options during the period	Purchased during the period	Other changes during the period	Balance at end of period
<b>30 June 2021</b>						
Mr Francis Harper <sup>(1)</sup>	-	-	-	-	-	-
Mr Paul Roberts	5,259,671	-	-	714,500	-	5,974,171
Mr Andrew Pardey <sup>(1)</sup>	-	-	-	-	-	-
Steven Michael	-	-	-	178,580	-	178,580
Ian Hobson	50,880	-	-	-	-	50,880
Mr Phillip Jackson <sup>(2)</sup>	533,334	-	-	714,500	(1,247,834)	-
	<b>5,843,885</b>	<b>-</b>	<b>-</b>	<b>1,607,580</b>	<b>(1,247,834)</b>	<b>6,203,631</b>

(1) Appointed 22 March 2021 (2) Resigned 22 March 2021

**REMUNERATION REPORT (AUDITED) (continued)**

**KEY MANAGEMENT PERSONNEL SHAREHOLDINGS (CONTINUED)**

	Balance at beginning of period	Granted as remuneration during the period	Issued on exercise of options during the period	Purchased during the period	Other changes during the period	Balance at end of period
<b>30 June 2020</b>						
Mr Phillip Jackson	500,000	-	-	33,324	-	533,324
Mr Paul Roberts	3,430,941	-	500,000	1,328,730	-	5,259,671
Mr David Kelly (1)	225,000	-	-	-	(225,000)	-
Steven Michael (2)	-	-	-	-	-	-
Ian Hobson (3)	-	-	-	41,280	9,600	50,880
Mr Eric Moore (4)	-	-	-	-	-	-
Mr Bruce Waddell (4)	350,000	-	-	-	(350,000)	-
	<b>4,505,941</b>	<b>-</b>	<b>500,000</b>	<b>1,403,334</b>	<b>(565,400)</b>	<b>5,843,875</b>

(1) Resigned 18 December 2019, (2) Appointed 18 December 2019, (3) Appointed 4 June 2020, (4) Resigned 4 June 2020

**SECURITIES RECEIVED THAT ARE NOT PERFORMANCE-BASED**

The options granted to members of key management personnel during the year were not dependent upon the performance of the Group's share price as part of their remuneration package.

**CASH BONUSES, PERFORMANCE-RELATED BONUSES AND SHARE-BASED PAYMENTS**

Options were granted as remuneration during the year to key management personnel and other executives as set out in notes 12 and 16.

**END OF THE REMUNERATION REPORT**



**Paul Roberts**  
 Managing Director  
 22 September 2021

# Auditor's Independence Declaration

PKF Perth



Advisory • Audit  
Business Solutions

## AUDITOR'S INDEPENDENCE DECLARATION TO THE DIRECTORS OF PREDICTIVE DISCOVERY LIMITED

In relation to our audit of the financial report of Predictive Discovery Limited for the year ended 30 June 2021, to the best of my knowledge and belief, there have been no contraventions of the auditor independence requirements of the Corporations Act 2001 or any applicable code of professional conduct.

A handwritten signature in blue ink that reads 'PKF Perth'.

PKF PERTH

A handwritten signature in blue ink that reads 'Shane Cross'.

SHANE CROSS  
AUDIT PARTNER

22 SEPTEMBER 2021  
WEST PERTH  
WESTERN AUSTRALIA

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# Statement of Profit or Loss and Other Comprehensive Income

For the year ended 30 June 2021

	Note	Consolidated	
		2021 \$	2020 \$
Finance income		4,865	7,019
Other income		15,037	-
Share based payments		(1,093,054)	-
Administrative payments		(1,132,892)	(900,505)
Depreciation of fixed assets		(60,529)	(2,510)
Foreign exchange gain/(expenses)		86,126	(78,381)
Employee benefits expense		(518,329)	-
Provision for doubtful debts		(426,580)	-
Share of loss in Associates		-	(704,942)
Gain on acquisition of exploration asset	6	683	-
Impairment of exploration expenditure	7	(2,492,232)	-
Gain on deconsolidation of subsidiary		-	10,506
Exploration expenditure pre-right to tenure		(1,005,499)	(683,887)
<b>Loss before income tax</b>		(6,622,404)	(2,352,700)
Income tax expense	2	-	-
<b>Loss from continuing operations</b>		(6,622,404)	(2,352,700)
<b>Other comprehensive income</b>			
<i>Items that may be reclassified to profit or loss</i>			
Exchange difference on translation of foreign operations	10	948	461
<b>Total comprehensive loss for the year</b>		(6,621,456)	(2,352,239)
<b>Profit attributable to:</b>			
Members of the parent entity		(6,621,456)	(2,352,239)
		(6,621,456)	(2,352,239)
Basic loss per share (cents per share)	11	(0.7)	(0.5)
Diluted loss per share (cents per share)	11	(0.7)	(0.5)

The accompanying notes form part of these financial statements



# Statement of Financial Position

As at 30 June 2021

		Consolidated	
	Note	2021 \$	2020 \$
<b>Current Assets</b>			
Cash and cash equivalents	3	22,729,169	8,639,015
Trade and other receivables	4	232,836	125,538
Total current assets		<u>22,962,005</u>	<u>8,764,553</u>
<b>Non-Current Assets</b>			
Property, plant and equipment	5	321,176	34,524
Exploration expenditure	6	15,505,090	5,048,178
Investments in associates	7	-	-
Total non-current assets		<u>15,826,266</u>	<u>5,082,702</u>
Total assets		<u>38,788,271</u>	<u>13,847,255</u>
<b>Current Liabilities</b>			
Trade and other payables	8	2,496,890	992,721
Total current liabilities		<u>2,496,890</u>	<u>992,721</u>
Total liabilities		<u>2,496,890</u>	<u>992,721</u>
<b>Net Assets</b>		<u>36,291,381</u>	<u>12,854,534</u>
<b>Equity</b>			
Issued capital	9	71,376,018	42,859,342
Reserves	10	1,543,710	131,465
Accumulated losses		<u>(36,628,347)</u>	<u>(30,136,273)</u>
<b>Total Equity</b>		<u>36,291,381</u>	<u>12,854,534</u>

The accompanying notes form part of these financial statements.

# Statement of Changes in Equity

For the year ended 30 June 2021

	Issued Capital	Accumulated Losses	Foreign Currency Translation Reserve	Share Based Payments Reserve	Total
	\$	\$	\$	\$	\$
<b>CONSOLIDATED</b>					
<b>At 1 July 2019</b>	31,491,240	(27,908,576)	43,299	255,333	3,881,296
Loss for the year	-	(2,352,700)	-	-	(2,352,700)
Other comprehensive income	-	-	461	-	461
Total comprehensive loss for the year	-	(2,352,700)	461	-	(2,352,239)
Transactions with owners in their capacity as owners:					
Transfer of expired options	-	125,003	-	(125,003)	-
Issue of share capital	12,138,970	-	-	-	12,138,970
Elimination of share in associate	-	-	(42,625)	-	(42,625)
Transaction costs	(770,868)	-	-	-	(770,868)
<b>At 30 June 2020</b>	<b>42,859,342</b>	<b>(30,136,273)</b>	<b>1,135</b>	<b>130,330</b>	<b>12,854,534</b>
<b>At 1 July 2020</b>	<b>42,859,342</b>	<b>(30,136,273)</b>	<b>1,135</b>	<b>130,330</b>	<b>12,854,534</b>
Loss for the year	-	(6,622,404)	-	-	(6,622,404)
Other comprehensive income	-	-	948	-	948
Total comprehensive loss for the year	-	(6,622,404)	948	-	(6,621,456)
Transactions with owners in their capacity as owners:					
Transfer of expired options	-	130,330	-	(130,330)	-
Issue of share capital	30,835,990	-	-	-	30,835,990
Share-based payments	-	-	-	1,093,054	1,093,054
Options issued to brokers	-	-	-	448,573	448,573
Transaction costs	(2,319,314)	-	-	-	(2,319,314)
<b>At 30 June 2021</b>	<b>71,376,018</b>	<b>(36,628,347)</b>	<b>2,083</b>	<b>1,541,627</b>	<b>36,291,381</b>

The accompanying notes form part of these financial statements

# Statement of Cash Flows

For the year ended 30 June 2021

	Note	Consolidated	
		2021 \$	2020 \$
<b>Cash flows from operating activities</b>			
Interest received		4,865	5,786
Government grant received		15,037	-
Payments to suppliers and employees		(1,645,956)	(866,843)
Payments for exploration expenditure		(12,661,854)	(3,095,568)
Net cash provided by (used in) operating activities	3	(14,287,908)	(3,956,625)
<b>Cash flows from investing activities</b>			
Purchase of property, plant and equipment		(347,181)	(15,534)
Cash movement on deconsolidation of subsidiary		-	(603)
Net cash provided by (used in) investing activities		(347,181)	(16,137)
<b>Cash flows from financing activities</b>			
Proceeds from issue of shares		30,563,590	11,581,124
Proceeds on exercise of options		32,394	557,846
Payment for share issue costs		(1,870,741)	(700,704)
Net cash inflow from financing activities		28,725,243	11,438,266
<b>Net increase (decrease) in cash held</b>		14,090,154	7,465,504
Foreign exchange differences		-	462
<b>Cash and cash equivalents at beginning of financial period</b>		8,639,015	1,173,049
<b>Cash and cash equivalents at end of the financial period</b>	3	22,729,169	8,639,015

The accompanying notes form part of these financial statements

# Notes to the Financial Statements

For the year ended 30 June 2021

This financial report includes the consolidated financial statements and notes of Predictive Discovery Limited and controlled entities (the "Group").

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Predictive Discovery Limited is a for-profit company limited by shares, incorporated and domiciled in Australia.

### *Basis of preparation*

The financial report is a general-purpose financial statement that has been prepared in accordance with Australian Accounting Standards, Australian Accounting Interpretations, other authoritative pronouncements of the Australian Accounting Standards Board and the *Corporations Act 2001*.

Australian Accounting Standards set out accounting policies that the AASB has concluded would result in a financial report containing relevant and reliable information about transactions, events and conditions. Compliance with Australian Accounting Standards ensures that the financial statements and notes also comply with International Financial Reporting Standards. Material accounting policies adopted in the preparation of this financial report are presented below and have been consistently applied unless otherwise stated.

The financial report has been prepared on an accruals basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected financial assets and financial liabilities.

The financial statements were authorised for issue, in accordance with a resolution of the directors, on 22 September 2021. The directors have the power to amend and re-issue the financial statements.

These financial statements are presented in Australian dollars, rounded to the nearest dollar.

### **(a) Principles of consolidation**

The consolidated financial statements incorporate the assets, liabilities and results of entities controlled by Predictive Discovery Limited at the end of the reporting period. A controlled entity is any entity over which Predictive Discovery Limited has the power to govern the financial and operating policies so as to obtain benefits from the entity's activities. Control will generally exist when the parent owns, directly or indirectly through subsidiaries, more than half of the voting power of an entity. In assessing the power to govern, the existence and effect of holdings of actual and potential voting rights are also considered.

Where controlled entities have entered or left the Group during the year, the financial performance of those entities are included only for the period of the year that they were controlled. A list of controlled entities is contained in Note 21 to the financial statements.

As at reporting date, the assets and liabilities of all controlled entities have been incorporated into the consolidated financial statements as well as their results for the year then ended. Where controlled entities have entered (left) the Group during the year, their operating results have been included (excluded) from the date control was obtained (ceased).

In preparing the consolidated financial statements, all inter-Group balances and transactions between entities in the Group have been eliminated on consolidation. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with those adopted by the parent entity.

Non-controlling interests, being the equity in a subsidiary not attributable, directly or indirectly, to a parent, are shown separately within the Equity section of the consolidated statement of financial position and consolidated statement of comprehensive income. The non-controlling interests in the net assets comprise their interests at the date of the original business combination and their share of changes in equity since that date.

Subsidiaries are accounted for in the parent entity at cost.

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (*continued*)

### (a) Principles of consolidation (*continued*)

#### Business Combinations

Business combinations occur where an acquirer obtains control over one or more businesses and results in the consolidation of its assets and liabilities.

A business combination is accounted for by applying the acquisition method, unless it is a combination involving entities or businesses under common control. The acquisition method requires that for each business combination one of the combining entities must be identified as the acquirer (i.e., parent entity). The business combination will be accounted for as at the acquisition date, which is the date that control over the acquiree is obtained by the parent entity.

At this date, the parent shall recognise, in the consolidated accounts, and subject to certain limited exceptions, the fair value of the identifiable assets acquired and liabilities assumed. In addition, contingent liabilities of the acquiree will be recognised where a present obligation has been incurred and its fair value can be reliably measured.

The acquisition may result in the recognition of goodwill or a gain from a bargain purchase. The method adopted for the measurement of goodwill will impact on the measurement of any non-controlling interest to be recognised in the acquiree where less than 100% ownership interest is held in the acquiree.

The acquisition date fair value of the consideration transferred for a business combination plus the acquisition date fair value of any previously held equity interest shall form the cost of the investment in the separate financial statements. Consideration may comprise the sum of the assets transferred by the acquirer, liabilities incurred by the acquirer to the former owners of the acquiree and the equity interests issued by the acquirer.

Fair value uplifts in the value of pre-existing equity holdings are taken to the statement of comprehensive income. Where changes in the value of such equity holdings had previously been recognised in other comprehensive income, such amounts are recycled to profit or loss.

Included in the measurement of consideration transferred is any asset or liability resulting from a contingent consideration arrangement. Any obligation incurred relating to contingent consideration is classified as either a financial liability or equity instrument, depending upon the nature of the arrangement. Rights to refunds of consideration previously paid are recognised as a receivable. Subsequent to initial recognition, contingent consideration classified as equity is not remeasured and its subsequent settlement is accounted for within equity. Contingent consideration classified as an asset or a liability is remeasured each reporting period to fair value through the statement of comprehensive income unless the change in value can be identified as existing at acquisition date.

All transaction costs incurred in relation to the business combination are expensed to the statement of comprehensive income.

#### Interests in joint arrangements

IFRS defines a joint arrangement as one over which two or more parties have joint control, which is the contractually agreed sharing of control over an arrangement. This exists only when the decisions about the relevant activities (being those that significantly affect the returns of the arrangement) require the unanimous consent of the parties sharing control.

##### (i) Joint operations

A joint operation is a type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the assets and obligations for the liabilities, relating to the arrangement. In relation to its interests in joint operations, the Group recognises its:

- Assets, including its share of any assets held jointly.
- Liabilities, including its share of any liabilities incurred jointly.
- Revenue from the sale of its share of the output arising from the joint operation.
- Share of the revenue from the sale of the output by the joint operation.
- Expenses, including its share of any expenses incurred jointly.

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### (a) Principles of consolidation *(continued)*

#### *(ii) Joint ventures*

A joint venture is a type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint venture. The Group's investment in its joint venture is accounted for using the equity method.

Under the equity method, the investment in the joint venture is initially recognised at cost. The carrying amount of the investment is adjusted to recognise changes in the Group's share of net assets of the joint venture since the acquisition date. Goodwill relating to the joint venture is included in the carrying amount of the investment and is neither amortised nor individually tested for impairment.

The statement of profit or loss and other comprehensive income (OCI) reflects the Group's share of the results of operations of the joint venture. Any change in OCI of that investee is presented as part of the Group's OCI. In addition, when there has been a change recognised directly in the equity of the joint venture, the Group recognises its share of any changes, when applicable, in the statement of changes in equity. Unrealised gains and losses resulting from transactions between the Group and the joint venture are eliminated to the extent of the interest in the joint venture.

The aggregate of the Group's share of profit or loss of the joint venture is shown on the face of the statement of profit or loss and other comprehensive income outside operating profit and represents profit or loss after tax and non-controlling interests in the subsidiaries of joint venture.

The financial statements of the joint venture are prepared for the same reporting period as the Group. When necessary, adjustments are made to bring the accounting policies in line with those of the Group.

At each reporting date, the Group determines whether there is objective evidence that the investment in the joint venture is impaired. If there is such evidence, the Group calculates the amount of impairment as the difference between the recoverable amount of the joint venture and its carrying value, then recognises the loss as 'Share of profit of a joint venture' in the statement of profit or loss and other comprehensive income. On loss of joint control over the joint venture, the Group measures and recognises any retained investment at its fair value. Any difference between the carrying amount of the joint venture upon loss of joint control and the fair value of the retained investment and proceeds from disposal is recognised in the statement of profit or loss.

#### *(iii) Reimbursement of the costs of the operator of the joint arrangement*

When the Group, acting as an operator or manager of a joint arrangement, receives reimbursement of direct costs recharged to the joint arrangement, such recharges represent reimbursements of costs that the operator incurred as an agent for the joint arrangement and therefore have no effect on profit or loss. When the Group charges a management fee (based on a fixed percentage of total costs incurred for the year) to cover other general costs incurred in carrying out the activities on behalf of the joint arrangement, it is not acting as an agent. Therefore, the general overhead expenses and the management fee are recognised in the statement of profit or loss and other comprehensive income as an expense and income, respectively.

### (b) Revenue recognition

The Group recognises revenue as follows:

#### *Interest*

Interest revenue is recognised using the effective interest rate method. This is a method of calculating the amortised cost of a financial asset and allocating the interest income over the relevant period using the effective interest rate, which is the rate that exactly discounts estimated future cash receipts through the expected life of the financial asset to the net carrying amount of the financial asset.

#### *Other revenue*

Other revenue is recognised when it is received or when the right to receive payment is established.

All revenue is stated net of the amount of goods and services tax (GST).

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**(c) Income Tax**

The income tax expense (revenue) for the year comprises current income tax expense (income) and deferred tax expense (income).

Current income tax expense charged to the profit or loss is the tax payable on taxable income calculated using applicable income tax rates enacted, or substantially enacted, as at the end of the reporting period. Current tax liabilities (assets) are therefore measured at the amounts expected to be paid to (recovered from) the relevant taxation authority.

Deferred income tax expense reflects movements in deferred tax asset and deferred tax liability balances during the year as well as unused tax losses. Current and deferred tax expense (income) is charged or credited directly to equity instead of the profit or loss when the tax relates to items that are credited or charged directly to equity.

Deferred tax assets and liabilities are ascertained based on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Deferred tax assets also result where amounts have been fully expensed but future tax deductions are available. No deferred income tax will be recognised from the initial recognition of an asset or liability, excluding a business combination, where there is no effect on accounting or taxable profit or loss.

Deferred tax assets and liabilities are calculated at the tax rates that are expected to apply to the period when the asset is realised or the liability is settled, based on tax rates enacted or substantively enacted at the end of the reporting period. Their measurement also reflects the manner in which management expects to recover or settle the carrying amount of the related asset or liability.

Deferred tax assets relating to temporary differences and unused tax losses are recognised only to the extent that it is probable that future taxable profit will be available against which the benefits of the deferred tax asset can be utilised.

Where temporary differences exist in relation to investments in subsidiaries, branches, associates, and joint ventures, deferred tax assets and liabilities are not recognised where the timing of the reversal of the temporary difference can be controlled and it is not probable that the reversal will occur in the foreseeable future.

Current assets and liabilities are offset where a legally enforceable right of set-off exists and it is intended that net settlement or simultaneous realisation and settlement of the respective asset and liability will occur. Deferred tax assets and liabilities are offset where a legally enforceable right of set-off exists, the deferred tax assets and liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities where it is intended that net settlement or simultaneous realisation and settlement of the respective asset and liability will occur in future periods in which significant amounts of deferred tax assets or liabilities are expected to be recovered or settled.

**(d) Employee Benefits**

Provision is made for the company's liability for employee benefits arising from services rendered by employees to the end of the reporting period. Employee benefits that are expected to be settled within one year have been measured at the amounts expected to be paid when the liability is settled. Employee benefits payable later than one year have been measured at present value of the estimated future cash outflows to be made for those benefits. In determining the liability, consideration is given to employee wage increases and the probability that the employee may satisfy vesting requirements. Those cashflows are discounted using market yields on corporate bonds with terms to maturity that match the expected timing of cashflows.

Liabilities recognised in respect of employee benefits which are not expected to be settled within 12 months are measured at the present value of the estimated future cash outflows to be made by The Group in respect of services provided by employees up to reporting date.

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (*continued*)

### (e) Provisions

Provisions are recognised when the Group has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

The liability for long service leave is recognised in current and non-current liabilities, depending on the unconditional right to defer settlement of the liability for at least 12 months after the reporting date.

### (f) Foreign Currency Transactions and Balances

The functional currency of each of the Group's entities is measured using the currency of the primary economic environment in which that entity operates. The consolidated financial statements are presented in Australian dollars which is the parent entity's functional and presentation currency. All other companies within the Group have Australian dollars as their functional currency.

Foreign currency transactions are translated into functional currency using the exchange rates prevailing at the date of the transaction. Foreign currency monetary items are translated at the year-end exchange rate. Non-monetary items measured at historical cost continue to be carried at the exchange rate at the date of the transaction. Non-monetary items measured at fair value are reported at the exchange rate at the date when fair values were determined.

Exchange differences arising on the translation of monetary items are recognised in the consolidated statement of comprehensive income, except where deferred in equity as a qualifying cash flow or net investment hedge.

Exchange differences arising on the translation of non-monetary items are recognised directly in equity to the extent that the gain or loss is directly recognised in equity, otherwise the exchange difference is recognised in the consolidated statement of comprehensive income.

The financial results and position of foreign operations whose functional currency is different from the Group's presentation currency are translated as follows:

- assets and liabilities are translated at year-end exchange rates prevailing at that reporting date;
- income and expenses are translated at average exchange rates for the period; and
- retained earnings are translated at the exchange rates prevailing at the date of the transaction.

Exchange differences arising on translation of foreign operations are transferred directly to the Group's foreign currency translation reserve in the consolidated statement of financial position. These differences are recognised in the consolidated statement of comprehensive income in the period in which the operation is disposed.

### (g) Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at call with banks, other short term highly liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within short term borrowings in current liabilities in the statement of financial position.

### (h) Investments and other financial assets

Investments and other financial assets are initially measured at fair value. Transaction costs are included as part of the initial measurement, except for financial assets at fair value through profit or loss. Such assets are subsequently measured at either amortised cost or fair value depending on their classification. Classification is determined based on both the business model within which such assets are held and the contractual cash flow characteristics of the financial asset unless, an accounting mismatch is being avoided.



## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

### (h) Investments and other financial assets (continued)

Financial assets are derecognised when the rights to receive cash flows have expired or have been transferred and the Group has transferred substantially all the risks and rewards of ownership. When there is no reasonable expectation of recovering part or all of a financial asset, its carrying value is written off.

#### *Financial assets at fair value through profit or loss*

Financial assets not measured at amortised cost or at fair value through other comprehensive income are classified as financial assets at fair value through profit or loss. Typically, such financial assets will be either: (i) held for trading, where they are acquired for the purpose of selling in the short-term with an intention of making a profit, or a derivative; or (ii) designated as such upon initial recognition where permitted. Fair value movements are recognised in profit or loss.

#### *Financial assets at fair value through other comprehensive income*

Financial assets at fair value through other comprehensive income include equity investments which the Group intends to hold for the foreseeable future and has irrevocably elected to classify them as such upon initial recognition.

#### *Impairment of financial assets*

The Group recognises a loss allowance for expected credit losses on financial assets which are either measured at amortised cost or fair value through other comprehensive income. The measurement of the loss allowance depends upon the Group's assessment at the end of each reporting period as to whether the financial instrument's credit risk has increased significantly since initial recognition, based on reasonable and supportable information that is available, without undue cost or effort to obtain.

Where there has not been a significant increase in exposure to credit risk since initial recognition, a 12-month expected credit loss allowance is estimated. This represents a portion of the asset's lifetime expected credit losses that is attributable to a default event that is possible within the next 12 months. Where a financial asset has become credit impaired or where it is determined that credit risk has increased significantly, the loss allowance is based on the asset's lifetime expected credit losses. The amount of expected credit loss recognised is measured on the basis of the probability weighted present value of anticipated cash shortfalls over the life of the instrument discounted at the original effective interest rate.

For financial assets measured at fair value through other comprehensive income, the loss allowance is recognised within other comprehensive income. In all other cases, the loss allowance is recognised in profit or loss.

### (i) Property, Plant and Equipment

Each class of property, plant and equipment is carried at cost or fair value as indicated, less, where applicable, any accumulated depreciation and impairment losses.

#### **Plant and Equipment**

Plant and equipment are measured on the cost basis.

#### **Depreciation**

The depreciable amount of all fixed assets is depreciated on a straight-line basis over the asset's useful life to the Group commencing from the time the asset is held ready for use.

Leasehold improvements are depreciated over the shorter of either the unexpired period of the lease or the estimated useful lives of the improvements.

The estimated useful lives used for each class of depreciable assets are:

<b>Class of Fixed Asset</b>	<b>Useful Life</b>
Plant and Equipment	2 - 10 years

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

## **NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

### **(i) Property, Plant and Equipment (continued)**

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the consolidated statement of comprehensive income.

Property, plant and equipment is derecognised and removed from the consolidated statement of financial position on disposal or when no future economic benefits are expected. Gains and losses from derecognition are measured as the difference between the net disposal proceeds, if any, and the carrying amount and are recognised in profit or loss.

Subsequent costs are included in the property, plant and equipment's carrying value or recognised as a separate asset when it is probable that future economic benefits associated with the item will be realised and the cost of the item can be measured reliably. All other repairs and maintenance are recognised in profit or loss.

Where required by accounting standards comparative figures have been adjusted to conform with changes in presentation for the current financial year.

### **(j) Exploration and Development Expenditure**

#### **Costs Carried Forward**

Costs arising from exploration and evaluation activities are carried forward where the rights to tenure for the area of interest are current and such costs are expected to be recouped through successful development, or by sale, or where exploration and evaluation activities have not, at reporting date, reached a stage to allow a reasonable assessment regarding the existence of economically recoverable reserves.

Costs carried forward in respect of an area of interest that is abandoned are written off in the period in which the decision to abandon is made.

Contributions received from third parties in exchange for participating interests in exploration and evaluation tenements (e.g. as part of farm out arrangements) are netted off against the costs carried forward in respect of those tenements in which the third party acquires a participating interest.

### **(k) Impairment of Assets**

At each reporting date, the Group assesses whether there is any indication that an asset may be impaired. The assessment will include considering external sources of information including, dividends received from subsidiaries, associates or jointly controlled entities deemed to be out of pre-acquisition profits. If such an indication exists, an impairment test is carried out on the asset by comparing the recoverable amount of the asset, being the higher of the asset's fair value less costs to sell and value in use to the asset's carrying value. Any excess of the asset's carrying value over its recoverable amount is expensed to the consolidated statement of comprehensive income.

Impairment testing is performed annually for goodwill and intangible assets with indefinite lives.

Where an impairment loss on a revalued asset is identified, this is debited against the revaluation surplus in respect of the same class of asset to the extent that the impairment loss does not exceed the amount in the revaluation surplus for that same class of asset.

## **NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

### **(k) Impairment of Assets (continued)**

Non-financial assets, other than inventories, deferred tax assets, assets from employee benefits, investment properties and deferred acquisition costs, are assessed for any indication of impairment at the end of each reporting period. Any indication of impairment requires formal testing of impairment by comparing the carrying amount of the asset to an estimate of the recoverable amount of the asset. An impairment loss is calculated as the amount by which the carrying amount of the asset exceeds the recoverable amount of the asset.

Intangible assets with an indefinite useful life and intangible assets not yet available for use are tested for impairment annually regardless of whether there is any indication of impairment.

The recoverable amount is the greater of the asset's fair value less costs to sell and its value in use. The asset's value in use is calculated as the estimated future cash flows discounted to their present value using a pre-tax rate that reflects current market assessments of the time value of money and the risks associated with the asset. Assets that cannot be tested individually for impairment are Grouped together into the smallest group of assets that generates cash inflows (the asset's cash generating unit).

Impairment losses are recognised in profit or loss. Impairment losses are allocated first, to reduce the carrying amount of any goodwill allocated to cash generating units, and then to other assets of the group on a pro rata basis.

Assets other than goodwill are assessed at the end of each reporting period to determine whether previously recognised impairment losses may no longer exist or may have decreased. Impairment losses recognised in prior periods for assets other than goodwill are reversed up to the carrying amounts that would have been determined had no impairment loss been recognised in prior periods.

### **(l) Associates**

Associates are entities over which the Group has significant influence but not control or joint control. Investments in associates are accounted for using the equity method. Under the equity method, the share of the profits or losses of the associate is recognised in profit or loss and the share of the movements in equity is recognised in other comprehensive income. Investments in associates are carried in the statement of financial position at cost plus post-acquisition changes in the Group's share of net assets of the associate. Goodwill relating to the associate is included in the carrying amount of the investment and is neither amortised nor individually tested for impairment. Dividends received or receivable from associates reduce the carrying amount of the investment.

When the Group's share of losses in an associate equal or exceeds its interest in the associate, including any unsecured long-term receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the associate.

The Group discontinues the use of the equity method upon the loss of significant influence over the associate and recognises any retained investment at its fair value. Any difference between the associate's carrying amount, fair value of the retained investment and proceeds from disposal is recognised in profit or loss.

### **(m) Trade and Other Payables**

Trade and other payables represent the liability outstanding at the end of the reporting period for goods and services received by the Group during the reporting period which remain unpaid. The balance is recognised as a current liability with the amounts normally paid within 30 days of recognition of the liability.

### **(n) Goods and Services Tax (GST)**

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Tax Office. In these circumstances, the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense. Receivables and payables in the consolidated statement of financial position are shown inclusive of GST.

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (*continued*)

### (o) Earnings Per Share

Basic loss per share is calculated as net loss attributable to members of the Group divided by the weighted average number of ordinary shares. Diluted loss per share is calculated by adjusting the net loss attributable to members of the Group and the number of shares outstanding for the effects of all dilutive potential ordinary shares, which include shares options.

### (p) Contributed Equity

Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of new shares or options are shown as a deduction, net of tax, from the proceeds.

### (q) Share-based Payment Transactions

Employees of the Group receive remuneration in the form of share-based payment transactions, whereby employees render services in exchange for equity instruments ("equity settled transactions"). When the goods or services acquired in a share-based payment transaction do not qualify for recognition as assets, they are recognised as expenses.

The cost of equity settled transactions and the corresponding increase in equity is measured at the fair value of the goods or services acquired. Where the fair value of the goods or services received cannot be reliably estimated, the fair value is determined indirectly by the fair value of the equity instruments using the Black Scholes option valuation technique.

Equity-settled transactions that vest after employees complete a specified period of service are recognised as services are received during the vesting period with a corresponding increase in equity.

### (r) Critical Accounting Estimates and Judgements

The directors evaluate estimates and judgments incorporated into the financial statements based on historical knowledge and best available current information. Estimates assume a reasonable expectation of future events and are based on current trends and economic data, obtained both externally and within the Group.

#### *Key estimates – Impairment*

The Group assesses impairment at the end of each reporting period by evaluating conditions specific to the Group that may be indicative of impairment triggers. Recoverable amounts of relevant assets are reassessed using fair value less cost to sell.

#### *Key judgements – Exploration and Evaluation Expenditure*

The Group capitalises expenditure relating to exploration and evaluation where it is considered likely to be recoverable or where the activities have not reached a stage which permits a reasonable assessment of the existence of reserves. \$15,505,090 has been capitalised as at 30 June 2021 (see note 6). While there are certain areas of interest from which no reserves have been extracted, the directors are of the continued belief that such expenditure should not be written off since feasibility studies in such areas have not yet concluded and there are no facts of circumstances that suggest the carrying amounts of the exploration and evaluation assets recognised exceed their recoverable amount.

In assessing the recoverability of the carrying amounts, the Directors have determined that as with similar companies, future capital raisings will be required in order to continue the exploration and development of the company's mining tenements (some subject to an option payment) to achieve a position where they can prove exploration reserves. Should there be no funding available, exploration of the areas of interest may be put on hold. The recoverability of the exploration asset is dependent upon the continued exploration of each area of interest.

#### *Key Judgements – Share-based payment transactions*

The Group measures the cost of equity settled transactions with employees by reference to the fair value of the equity instruments at the date at which they are granted. The fair value is determined using the Black Scholes method. The related assumptions are detailed in note 21. The accounting estimates and assumptions relating to equity-settled share-based payments would have no impact on the carrying amounts of assets and liabilities within the next annual reporting period but may impact expenses and equity.

## NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (*continued*)

### (r) Critical Accounting Estimates and Judgements (*continued*)

#### *Key Judgements - Recoverability of Intercompany Loan*

Within non-current assets of the parent entity (see note 23) there is a loan due from the 100% subsidiaries of \$17,032,152 is considered fully recoverable. The recoverability of this loan is dependent upon the successful development or sale of exploration assets in Guinea.

#### *Key Judgements - Joint arrangements*

Judgement is required to determine when the Group has joint control, which requires an assessment of the relevant activities and when the decisions in relation to those activities require unanimous consent. The Group has determined that the relevant activities for its joint arrangements are those relating to the operating and capital decisions of the arrangement, such as: the approval the capital expenditure programme for each year, and appointing, remunerating and terminating the key management personnel or service providers of the joint arrangement. The considerations made in determining joint control are similar to those necessary to determine control over subsidiaries.

Judgement is also required to classify a joint arrangement. Classifying the arrangement requires the Group to assess their rights and obligations arising from the arrangement. Specifically, it considers:

- The structure of the joint arrangement – whether it is structured through a separate vehicle
- When the arrangement is structured through a separate vehicle, the Group also considers the rights and obligations arising from:
  - The legal form of the separate vehicle
  - The terms of the contractual arrangement
  - Other facts and circumstances (when relevant)

This assessment often requires significant judgement, and a different conclusion on joint control and also whether the arrangement is a JO or a JV, may materially impact the accounting. The Group has a joint arrangement which is structured through a separate vehicle, being a company structure. This structure, and the terms of the contractual arrangement indicate that the Group has rights to the net assets of the arrangement. Given this, the Group then had to assess the other facts and circumstances relating to this arrangement. After undertaking this assessment, there were a number of indicators for both a joint venture classification and a joint operation classification. Significant judgement was therefore required to determine how these factors would be analysed. The final conclusion was that the arrangement was a joint venture.

#### *Key judgements - Coronavirus (COVID-19) pandemic*

Judgement has been exercised in considering the impacts that the Coronavirus (COVID-19) pandemic has had, or may have, on the consolidated entity based on known information. This consideration extends to the nature of the products and services offered, customers, supply chain, staffing and geographic regions in which the consolidated entity operates. Other than as addressed in specific notes, there does not currently appear to be either any significant impact upon the financial statements or any significant uncertainties with respect to events or conditions which may impact the consolidated entity unfavourably as at the reporting date

### (s) Adoption of New and Revised Accounting Standards

The Group has adopted all of the new and revised Accounting Standards and Interpretations issued by the Australian Accounting Standards Board that are mandatory for the current reporting period. The adoption of these new and revised Accounting Standards and Interpretations has not resulted in a significant or material change to the Group's accounting policies.

Any new, revised or amending Accounting Standards or Interpretations that are not yet mandatory have not been early adopted by the consolidated entity.

**NOTE 2: INCOME TAX**

	Consolidated	
	2021	2020
	\$	\$
<b>(a) Income tax expense/benefit</b>		
The components of income tax expense/benefit comprise:		
Current tax	-	-
Deferred tax	-	-
	-	-
	-	-
<b>(b) Reconciliation of income tax expense/(benefit) to prima facie tax payable on accounting profit/(loss)</b>		
Operating (loss) before income tax	(6,622,404)	(2,352,700)
Prima facie tax payable at Australian rate of 30% (2020: 30%)	1,986,721	705,810
Adjusted for tax effect of the following amounts:		
Taxable/non-deductible items	(1,573,928)	(464,778)
Non-taxable/deductible items	196,447	90,702
Deferred tax expense relating to change in tax rate	(787,628)	(27,646)
Deferred tax benefit relating to over-provision in prior year	(138,099)	-
Income tax expense/(benefit) not brought to account	316,487	(304,089)
Income tax expense	-	-
<b>(c) Deferred tax assets and liabilities not brought to account</b>		
The directors estimate that the potential deferred tax assets and liabilities carried forward but not brought to account at year end at the Australian corporate tax rate of 25% (2020: 27.5%) are made up as follows:		
On income tax account		
Carry forward tax losses	7,217,818	7,539,708
Deductible temporary differences	12,666	7,263
	7,230,484	7,546,971

These benefits will only be obtained if:

- (i) the group derives future assessable income of a nature and of an amount sufficient to enable the benefits from the deductions for the losses to be realised,
- (ii) the group continues to comply with the conditions for deductibility imposed by tax legislation, and
- (iii) no changes in tax legislation adversely affect the group in realising the benefit from the deduction for the losses.

**NOTE 3(a): CASH AND CASH EQUIVALENTS**

	Consolidated	
	2021	2020
	\$	\$
Cash at bank	22,729,169	8,639,015
	22,729,169	8,639,015

**NOTE 3: CASH AND CASH EQUIVALENTS (continued)**

<b>NOTE 3(b): Reconciliation of loss after income tax to net cash flow from operating activities</b>	<b>2021</b>	<b>2020</b>
	<b>\$</b>	<b>\$</b>
Operating loss after income tax	(6,622,404)	(2,352,700)
Non-operating items in loss:		
Exploration expenditure	-	683,887
Non-cash flows in loss:		
Gain on deregistered entity	-	(10,506)
Gain on acquisition of exploration asset	(683)	-
Depreciation	60,529	2,510
Foreign exchange (gains)/losses	-	78,381
Provision for doubtful debts	426,580	-
Share of loss in associates	-	704,942
Impairment of exploration expenditure	2,492,232	-
Capitalised exploration expenditure	(12,707,508)	(3,887,128)
Share based Payment	1,093,054	-
Movement in assets and liabilities:		
(Increase)/decrease in receivables	(533,878)	(16,306)
Increase/(decrease) in payables	1,504,170	840,295
Net cash outflow from operating activities	<u>(14,287,908)</u>	<u>(3,956,625)</u>

**NOTE 4: TRADE AND OTHER RECEIVABLES**

Other receivables	<u>232,836</u>	<u>125,538</u>
	<u>232,836</u>	<u>125,538</u>

**NOTE 5: PLANT AND EQUIPMENT**

Plant and Equipment	399,396	52,215
Accumulated depreciation	<u>(78,220)</u>	<u>(17,691)</u>
	<u>321,176</u>	<u>34,524</u>

A reconciliation of the carrying amounts of each class of plant and equipment between the beginning of the current financial year is set out below:

	<b>Plant and Equipment</b>	<b>Total</b>
	<b>\$</b>	<b>\$</b>
<b>2021</b>		
Balance at the beginning of year	34,524	34,524
Additions	347,181	347,181
Depreciation expense	<u>(60,529)</u>	<u>(60,529)</u>
Balance at the end of the year	<u>321,176</u>	<u>321,176</u>
<b>2020</b>		
Balance at the beginning of year	21,500	21,500
Additions	15,534	15,534
Depreciation expense	<u>(2,510)</u>	<u>(2,510)</u>
Balance at the end of the year	<u>34,524</u>	<u>34,524</u>

**NOTE 6: EXPLORATION, EVALUATION AND DEVELOPMENT ASSETS**

	2021 \$	2020 \$
Exploration and evaluation expenditure	15,505,090	5,048,178
	<u>15,505,090</u>	<u>5,048,178</u>
		<b>Exploration and Evaluation</b>
		<b>\$</b>
<b>2021</b>		
Balance at beginning of the year		5,048,178
Expenditure incurred		12,709,855
Expenditure acquired		239,289
Impairment of capitalised exploration		<u>(2,492,232)</u>
Balance at the end of the year		<u>15,505,090</u>
<b>2020</b>		<b>\$</b>
Balance at beginning of the year		1,923,318
Expenditure incurred		3,124,860
Expenditure acquired		-
Balance at the end of the year		<u>5,048,178</u>

The Group has capitalised exploration expenditure of \$15,505,090 (30 June 2020: \$5,048,178). This amount includes costs directly associated with exploration and the purchase of exploration properties. These costs are capitalised as an exploration asset until assessment and / or drilling of the permit is complete and the results have been evaluated. These direct costs include employee remuneration, materials, permit rentals and payments to contractors. The expenditure is carried forward until such a time as the area moves into the development phase, is abandoned or sold. The ultimate recovery of the carrying value of exploration expenditure is dependent upon the successful development and commercial exploitation or, alternatively, sale of the interest in the tenements. The Directors are of the opinion that the exploration expenditure is recoverable for the amount stated in the financial report.

At 30 June 2020, the Group held a 49% interest in Burkina Resources Pty Ltd, Predictive Discovery SARL and Progress Minerals SARL which was fully impaired (please refer to note 7). The Group acquired an additional 51% interest in Burkina Resources Pty Ltd, Predictive Discovery SARL and Progress Minerals SARL on 3 November 2020 for consideration of \$240,000 which was settled through a share issue. The Group valued the total assets acquired at acquisition to be \$1,394. The gain on acquisition was \$683, which was 49% of the net assets on acquisition.

**NOTE 7: INVESTMENTS IN ASSOCIATES**

During the financial year ended 30 June 2021, the Company acquired additional interests in the companies recognised as associates during the previous financial year. These companies are now subsidiaries of the group (please refer to note 6 and note 21).

Information relating to interest in associates that are material to the Group are set out below:

Name	Country of Incorporation	Ownership Interest	
		2021	2020
Predictive Discovery SARL	Burkina Faso	100%	49%



**NOTE 7: INVESTMENTS IN ASSOCIATES (continued)**

**Summarized Financial Information – Predictive Discovery SARL**

	2021 \$	2020 \$
<i>Summarised statement of financial position</i>		
Current assets	-	1,567,165
Non-current assets	-	-
Total assets	-	1,567,165
Current liabilities	-	(613,255)
Non-current liabilities	-	(3,508,577)
Total liabilities	-	(4,121,832)
Net assets	-	(2,554,641)
Predictive Share of Net Assets	-	(1,251,774)
<i>Summarised statement of profit or loss and other comprehensive income</i>		
Revenue	-	-
Expenses	-	(4,080,288)
Loss before income tax	-	(4,080,288)
Income tax expense	-	-
Loss after income tax	-	(4,080,288)
Other comprehensive income	-	-
Total comprehensive loss	-	(4,080,288)
<i>Reconciliation of the Group's carrying amount</i>		
Opening carrying amount		747,567
Share of loss after income tax		(704,942)
Share of movement in foreign exchange translation reserve		(42,625)
Closing carrying amount	-	-

**Immaterial Associates**

Information relating to interest in associates that are material to the Group are set out below:

Name	Country of Incorporation	Ownership Interest	
		2021	2020
Burkina Resources Pty Ltd	Australia	100%	49%
Burkina Resources SARL	Burkina Faso	100%	49%
Predictive Discovery Cote D'Ivoire SARL	Cote D'Ivoire	100%	30%
Birriman Pty Ltd	British Virgin Islands	100%	49%
Birriman BV SARL	Burkina Faso	100%	49%
Sebba Resources SARL	Burkina Faso	100%	49%
Progress Minerals SARL	Burkina Faso	100%	49%

**NOTE 7: INVESTMENTS IN ASSOCIATES (continued)**

The following is summarised financial information for the Group's interest in immaterial associates

	2021 \$	2020 \$
Carrying amount of interests in immaterial associates		
Group's share of loss after income tax	-	(1,054,166)
Group's share of loss not booked	-	1,054,166
Closing carrying amount	<u>-</u>	<u>-</u>

**NOTE 8: CURRENT TRADE AND OTHER PAYABLES**

Accruals and other creditors	<u>2,496,890</u>	<u>992,721</u>
	<u>2,496,890</u>	<u>992,721</u>

**NOTE 9: ISSUED CAPITAL**

1,268,491,755 (30 June 2020: 823,886,255) Ordinary Shares	76,838,685	46,002,695
Share issue costs written off against issued capital	<u>(5,462,667)</u>	<u>(3,143,353)</u>
	<u>71,376,018</u>	<u>42,859,342</u>

	Shares No.	Issue Price \$	Listed Options No.	Unlisted Options No.
At 1 July 2020	823,886,255		86,431,485	9,452,500
Issue of Options	-		10,500,000	51,000,000
Issue of shares in placement - Tranche 1	176,785,281	\$0.056	-	-
Issue of shares to acquire 51% PM SARL	4,028,477	\$0.060	-	-
Issue of shares in placement - Tranche 2	12,321,869	\$0.056	-	-
Exercise of options to shares	1,800,000	\$0.018	(1,800,000)	-
Issue of shares – Capital raising	249,669,873	\$0.080	-	-
Options cancelled/expired	-	-	-	(1,952,500)
<b>At 30 June 2021</b>	<u>1,268,491,755</u>		<u>95,131,485</u>	<u>58,500,000</u>
At 1 July 2019	295,142,065		73,030,518	3,905,000
Issue of Options – Free attaching	-		117,425,004	7,500,000
Issue of shares in placement/rights issue	497,750,671	\$0.010	-	-
Exercise of options to shares	30,993,519	\$0.010	(30,993,519)	-
Options cancelled/expired	-		(73,030,518)	(1,952,500)
<b>At 30 June 2020</b>	<u>823,886,255</u>		<u>86,431,485</u>	<u>9,452,500</u>

**OPTIONS**

For information relating to the Predictive Discovery Limited employee option plan, including details of options issued, exercised and lapsed during the financial year and the options outstanding at year end, refer to Note 12.

## NOTE 10: RESERVES

### FOREIGN CURRENCY TRANSLATION RESERVE

Exchange differences arising on translation of the foreign controlled entity are recognised in other comprehensive income foreign currency translation reserve. The cumulative amount is reclassified to profit or loss when the net investment is disposed of.

### OPTION RESERVE

The option reserve records items recognised as expenses on valuation of employee share options, refer to Note 12.

## NOTE 11: EARNINGS PER SHARE

	2021 \$	2020 \$
Reconciliation of loss		
Loss used in calculating earnings per share – basic and diluted	(6,622,404)	(2,352,700)
Net loss for the reporting period	(6,622,404)	(2,352,700)
Weighted average number of ordinary shares outstanding during the year used in the calculation of basic and diluted earnings per share	976,478,193	453,203,432

## NOTE 12: SHARE BASED PAYMENTS

During the year ended 30 June 2021, the Group granted the following options as share-based payment:

- 40,500,000 unlisted options exercisable at \$0.0986 expiring in 2 years as part of the long-term employee incentive plan
- 2,500,000 unlisted options exercisable at \$0.011 expiring in 2.5 years as part of the long-term employee incentive plan
- 8,000,000 unlisted options exercisable at \$0.1120 expiring in 3 years to the brokers
- 10,500,000 listed options exercisable at \$0.0986 expiring in 3 years as part of the long-term employee incentive plan.

During the year ended 30 June 2020, the Group granted 7,500,000 unlisted options exercisable at \$0.18 expiring in 3 years in lieu of corporate advisory services.

At 30 June 2021, the Group has the following share-based payment options on issue:

Grant Date	Expiry Date	Exercise price	Start of the year	Granted during the year	Exercised during the year	Expired during the year	Balance at the end of the year	Vested and exercisable at the end of the year
29 Nov 2016	29 Nov 2020	\$0.3867	1,952,500	-	-	(1,952,500)	-	-
24 Dec 2019	24 Dec 2022	\$0.0180	86,431,485	-	(1,800,000)	-	84,631,485	84,631,485
30 Jun 2020	30 Jun 2023	\$0.1800	7,500,000	-	-	-	7,500,000	7,500,000
09 Nov 2020	05 May 2023	\$0.0986	-	15,500,000	-	-	15,500,000	15,500,000
09 Nov 2020	05 May 2023	\$0.011	-	2,500,000	-	-	2,500,000	2,500,000
11 Dec 2020	21 Dec 2023	\$0.112	-	8,000,000	-	-	8,000,000	8,000,000
05 Feb 2021	05 May 2023	\$0.0986	-	25,000,000	-	-	25,000,000	-
14 May 2021	26 May 2024	\$0.0986	-	10,500,000	-	-	10,500,000	-
			95,883,985	61,500,000	(1,800,000)	(1,952,500)	153,631,485	118,131,485

**NOTE 12: SHARE BASED PAYMENTS (continued)**

At 30 June 2020, the Group has the following share-based payment options on issue:

Grant Date	Expiry Date	Exercise price	Start of the year	Granted during the year	Exercised during the year	Expired during the year	Balance at the end of the year	Vested and exercisable at the end of the year
29 Nov 2016	29 Nov 2019	\$0.2578	1,952,500	-	-	(1,952,500)	-	-
29 Nov 2016	29 Nov 2020	\$0.3867	1,952,500	-	-	-	1,952,500	1,952,500
24 Dec 2019	24 Dec 2022	\$0.0180	-	117,425,004	(30,993,519)	-	86,431,485	86,431,485
30 Jun 2020	30 Jun 2023	\$0.1800	-	7,500,000	-	-	7,500,000	7,500,000
			3,905,000	124,925,004	(30,993,519)	(1,952,500)	95,883,985	95,883,985

The three tranches of options granted on 29 November 2016 were originally issued with exercise prices of \$0.01805, \$0.02578 and \$0.03867 respectively and in quantities of 19,525,000 options in each tranche. A 1 for 10 capital consolidation effective 19 May 2017 resulted in the quantities and conditions shown in the above table.

The weighted average exercise price of options as at 30 June 2021 was \$0.0347 (30 June 2020: \$0.0241). The weighted average remaining contractual life of options outstanding at year end was 1.26 years (30 June 2020: 2.48 years).

For the options granted during the 2021 financial year, the valuation model inputs used in the Black-Scholes Model were as follows:

**2021:**

Grant date	Expiry date	Share price at grant date	Exercise price	Expected volatility	Dividend yield	Risk-free interest rate
09 Nov 2020	05 May 2023	\$0.069	\$0.0986	100%	-	1.1%
09 Nov 2020	05 May 2023	\$0.069	\$0.011	100%	-	1.1%
21 Dec 2020	21 Dec 2023	\$0.055	\$0.1120	100%	-	1.1%
05 Feb 2021	05 May 2023	\$0.065	\$0.0986	70%	-	0.4%
14 May 2021	05 May 2023	\$0.0088	\$0.0986	70%	-	0.4%

35,500,000 options granted during the 2021 financial year were not exercisable at reporting date, as these vest after the end of the financial year:

- 25,000,000 vest on the 12<sup>th</sup> August 2021
- 10,500,000 vest on the 26<sup>th</sup> May 2022

**NOTE 13: OPERATING SEGMENTS**

**Identification of Reportable Segments**

The Group has identified its operating segments based on the internal reports that are reviewed and used by the Board of Directors (chief operating decision makers) in assessing performance and determining the allocation of resources. The accounting policies applied for internal purposes are consistent with those applied in the preparation of these financial statements.

The following is an analysis of the Group's revenue and results from operations by reportable segment.

<b>2021</b>	<b>Corporate</b>	<b>Gold</b>	<b>Gold</b>	<b>Gold</b>	<b>Gold</b>	<b>Total</b>
	<b>\$</b>	<b>Burk. Faso</b>	<b>Cote D'Ivoire</b>	<b>Mali</b>	<b>Guinea</b>	<b>\$</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	
<b>Revenue</b>						
Interest income	4,865	-	-	-	-	4,865
Other income	15,037	-	-	-	-	15,037
<b>Expenses</b>						
Administration expenses	(1,393,992)	(189,929)	(44,036)	-	(23,264)	(1,651,220)
Depreciation of fixed asset	(2,568)	-	-	-	(57,961)	(60,529)
Share based expense	(1,093,054)	-	-	-	-	(1,093,054)
FX gain / (loss)	(152,194)	-	-	-	238,320	86,126
Exploration expenditure expensed	(1,713)	-	-	-	(1,003,786)	(1,005,499)
Impairment of Exploration	-	-	(2,492,232)	-	-	(2,492,232)
Provision for doubtful debts	-	-	-	-	(426,580)	(426,580)
Revaluation	683	-	-	-	-	683
<b>Loss before tax</b>	<b>(2,622,937)</b>	<b>(189,929)</b>	<b>(2,536,267)</b>	<b>-</b>	<b>(1,273,271)</b>	<b>(6,622,404)</b>
Current assets	21,026,381	27,892	16,672	-	1,891,060	22,962,005
Exploration expenditure	-	239,289	-	-	15,265,801	15,505,090
Plant and Equipment	6,675	-	-	-	314,502	321,177
Intercompany loans	16,860,670	(200,681)	(160,423)	-	(16,499,566)	-
Current liabilities	(212,617)	(25,056)	(9,009)	-	(2,250,209)	(2,496,891)
<b>Net assets/(liabilities)</b>	<b>37,681,109</b>	<b>(41,444)</b>	<b>(152,760)</b>	<b>-</b>	<b>(1,278,412)</b>	<b>36,291,381</b>
<b>2020</b>						
	<b>Corporate</b>	<b>Gold</b>	<b>Gold</b>	<b>Gold</b>	<b>Gold</b>	<b>Total</b>
	<b>\$</b>	<b>Burk. Faso</b>	<b>Cote D'Ivoire</b>	<b>Mali</b>	<b>Guinea</b>	<b>\$</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	
<b>Revenue</b>						
Interest income	7,019	-	-	-	-	7,019
Gain on subsidiary deregistration	-	10,506	-	-	-	10,506
<b>Expenses</b>						
Administration expenses	(838,831)	(38,950)	(25,234)	-	-	(903,015)
FX gain /(loss)	(78,381)	-	-	-	-	(78,381)
Exploration expenditure expensed	-	(19,564)	-	(3,063)	(661,260)	(683,887)
Share of loss in associates	(704,942)	-	-	-	-	(704,942)
<b>Loss before tax</b>	<b>(1,615,135)</b>	<b>(48,008)</b>	<b>(25,234)</b>	<b>(3,063)</b>	<b>(661,260)</b>	<b>(2,352,700)</b>
Current assets	8,515,327	10,872	27,560	6,286	204,508	8,764,553
Exploration expenditure	-	-	2,541,607	-	2,506,571	5,048,178
Plant and Equipment	3,746	-	-	-	30,778	34,524
Current liabilities	(573,849)	(4,054)	(301,495)	-	(113,327)	(992,724)
<b>Net assets</b>	<b>7,945,225</b>	<b>6,818</b>	<b>2,267,673</b>	<b>6,286</b>	<b>2,628,530</b>	<b>12,854,532</b>

**NOTE 14: CAPITAL AND LEASING COMMITMENTS**

	2021 \$	2020 \$
<b>(A) OPTIONS FEE COMMITMENTS</b>		
Payable – minimum lease payments:		
-not later than 12 months	-	-
-between 12 months and 5 years	-	127,001
-more than 5 years	-	-
	<u>-</u>	<u>-</u>
	<u>-</u>	<u>127,001</u>
<b>(B) CAPITAL EXPENDITURE COMMITMENTS<sup>(i)</sup></b>		
Payable:		
-not later than 12 months	3,601,239	3,339,445
-not later than 12 months and 5 years	14,404,955	10,152,000
-more than 5 years	-	-
	<u>-</u>	<u>-</u>
	<u>18,006,194</u>	<u>13,484,178</u>

(i) Capital expenditure commitments are expenditure commitments on exploration permits in Guinea and Burkina Faso.

**NOTE 15: CONTINGENT ASSETS/LIABILITIES**

**Contingent Assets**

In respect of the Company’s tenements held at Guinea, value added tax (VAT) will be receivable from the Guinea tax authorities if these tenements have reached the development phase. No asset has been recognised during the financial year, as the receipt of the VAT is not virtually certain as it is not certain if the tenements in Guinea will reach the development phase (2020: \$NIL).

**Contingent Liabilities**

In respect of the Company’s tenements held at Guinea, value added tax (VAT) may be payable for the period up to December 2020 and for the one month ended June 2021. As this VAT liability is in the process of being assessed by the Guinea tax authorities for the above periods, the magnitude of this liability cannot be determined at the date of this report (2020: \$NIL).

On acquisition of a 100% interest of PMI BF Holdings Inc. (see note 6 and note 7), the Company entered into Amended and Restated Net Smelter Return (NSR) royalty agreements dated 3 November 2020 in which the Company has obligations for payments and obligations for a 2% NSR over the Burkina Faso properties.

**NOTE 16: INTERESTS OF KEY MANAGEMENT PERSONNEL**

Refer to the Remuneration Report contained in the Directors' Report for details of the remuneration paid or payable to each member of the Group's key management personnel for the year ended 30 June 2021.

The totals of remuneration paid to key management personnel of the company and the Group during the year are as follows:

	Consolidated	
	2021	2020
	\$	\$
Short-term benefits	514,126	422,610
Share based payments	776,565	-
Post-employments benefits	29,468	1,412
	1,320,160	424,022

**NOTE 17: RELATED PARTY TRANSACTIONS**

Transactions between related parties are on normal commercial terms and conditions no more favourable than those available to other parties unless otherwise stated.

Transactions with related parties comprised the following:

**Intercompany Loans**

Predictive Discovery Limited has made loans to its subsidiaries in the amount of \$17,032,152 (2020: \$340,363). The loan is interest free and payable on demand.

**Directors' Remuneration**

Refer to Note 16.

**Other Related Party Transactions**

Aurora Minerals Limited, an entity of which Mr Phillip Jackson is a director, was paid \$483 (2020: \$31,615) for administration services, including company secretarial and accounting services.

**NOTE 18: REMUNERATION OF AUDITORS**

	Consolidated	
	2021	2020
	\$	\$
Remuneration of the auditor of the parent entity for:		
Moore Stephens Victoria -Other services	-	8,000
PKF Perth -Audit services	57,740	62,505
PKF Perth -Other services	-	-
	57,740	70,505

## NOTE 19: FINANCIAL RISK MANAGEMENT

The Group's financial instruments consist mainly of deposits with banks, receivables and payables.

The totals for each category of financial instruments, measured in accordance with AASB 9 as detailed in the accounting policies to these financial statements, are as follows:

		Consolidated	
	Note	2021 \$	2020 \$
<b>Financial Assets</b>			
Cash and cash equivalents	3	22,729,169	8,639,015
Trade and other receivables	4	232,836	125,538
<b>Total Financial Assets</b>		22,962,005	8,764,553
<b>Financial Liabilities</b>			
Trade and other payables	8	2,496,890	992,721
<b>Total Financial Liabilities</b>		2,496,890	992,721

### FINANCIAL RISK MANAGEMENT POLICIES

Exposure to key financial risks is managed in accordance with the Group's risk management policy with the objective to ensure that the financial risks inherent in exploration activities are identified and then managed or kept as low as reasonably practicable.

The main financial risks that arise in the normal course of business are market risk (including currency risk, interest rate risk and price risk), credit risk and liquidity risk. Different methods are used to measure and manage these risk exposures. Liquidity risk is monitored through the ongoing review of available cash and future commitments for exploration expenditure.

Exposure to liquidity risk is limited by anticipating liquidity shortages and ensures capital can be raised in advance of shortages. Interest rate risk is managed by limiting the amount of interest-bearing loans entered into by the Group. It is the Board's policy that no speculative trading in financial instruments be undertaken so as to limit exposure to price risk.

Primary responsibility for identification and control of financial risks rests with the Chief Financial Officer, under the authority of the Board. The Board is apprised of these risks from time to time and agrees any policies that may be undertaken to manage any of the risks identified.

Details of the significant accounting policies and methods adopted, including criteria for recognition, the basis of measurement and the basis on which income and expenses are recognised, in respect of each financial instrument are disclosed in Note 1 to the financial statements. The carrying values less the impairment allowance for receivables and payables are assumed to approximate fair values due to their short-term nature. Cash and cash equivalents are subject to variable interest rates.



## NOTE 19: FINANCIAL RISK MANAGEMENT (Continued)

### SPECIFIC FINANCIAL RISK EXPOSURES AND MANAGEMENT

#### (A) CREDIT RISK

Exposure to credit risk relating to financial assets arises from the potential non-performance by counter parties of contract obligations that could lead to a financial loss to the Group.

The Group trades only with recognised, creditworthy third parties.

The Group has no customers and consequently no significant exposure to bad debts or other credit risks.

With respect to credit risk arising from financial assets, which comprise cash and cash equivalents and receivables, the exposure to credit risk arises from default of the counter party, with a maximum exposure equal to the carrying amount of these instruments. At balance date cash and deposits were held with Australia and New Zealand Banking Group Limited.

#### (B) LIQUIDITY RISK

Liquidity risk arises from the possibility that the Group might encounter difficulty in settling its debts or otherwise meeting its obligations related to financial liabilities.

Prudent liquidity risk management implies maintaining sufficient cash reserves to meet the ongoing operational requirements of the business. It is the Group's policy to maintain sufficient funds in cash and cash equivalents. Furthermore, the Group monitors its ongoing exploration cash requirements and raises equity funding as and when appropriate to meet such planned requirements. The Group has no undrawn financing facilities. Trade and other payables, the only financial liability of the Group, are due within 6 months.

The tables below reflect an undiscounted contractual maturity analysis for financial liabilities.

Cash flows realised from financial assets reflect management's expectation as to the timing of realisation. Actual timing may therefore differ from that disclosed. The timing of cash flows presented in the table to settle financial liabilities reflects the earliest contractual settlement dates and does not reflect management's expectations that banking facilities will be rolled forward.

#### Financial liability and financial asset maturity analysis

	Within 1 Year		1 to 5 Years		Total Contractual Cash Flow	
	2021	2020	2021	2020	2021	2020
	\$	\$	\$	\$	\$	\$
<b>Financial liabilities due for payment</b>						
Trade and other payables	2,496,890	992,721	-	-	2,496,890	992,721
Total contractual outflows	2,496,890	992,721	-	-	2,496,890	992,721
<b>Financial assets - cash flows realisable</b>						
Trade and other receivables	232,836	125,538	-	-	232,836	125,538
Total anticipated inflows	232,836	125,538	-	-	232,836	125,538

The financial assets and liabilities noted above are interest free.

**NOTE 19: FINANCIAL RISK MANAGEMENT (Continued)**

**SPECIFIC FINANCIAL RISK EXPOSURES AND MANAGEMENT (CONTINUED)**

**(C) MARKET RISK**

*i. Foreign exchange risk*

Exposure to foreign exchange risk may result in the fair value or future cash flows of a financial instrument fluctuating due to movement in foreign exchange rates of currencies in which the Group holds foreign currency which are other than the AUD functional currency of the Group.

*ii. Interest rate risk*

The Group's cash flow interest rate risk primarily arises from cash at bank and deposits subject to market bank rates. At balance date, the Group does not have any borrowings. The Group does not enter into hedges. The weighted average rate of interest earned by the Group on its cash assets during the year was 0.04% (2020: 0.42%). The table below summarises the sensitivity of the Group's cash assets to interest rate risk.

Financial Assets	Effect of decrease or increase of interest rate on profit and equity			
	-1%		+1%	
	Profit	Equity	Profit	Equity
	\$	\$	\$	\$
30 June 2021				
Total increase/(decrease)	(121,012)	(121,012)	121,012	121,012
30 June 2020				
Total increase/(decrease)	(16,654)	(16,654)	16,654	16,654

**NOTE 20: EVENTS AFTER THE END OF THE REPORTING PERIOD**

The following events have occurred subsequent to the year ended 30 June 2021:

- Approval of 8,000,000 options on 9 July 2021, which was issued to brokers on 28 July 2021
- Approval of the 2<sup>nd</sup> tranche of the May 2021 Placement shares on 9 July 2021, which were issued on 19 July 2021 i.e. 81,580,127 at \$0.08 per shares. Of this amount, 375,000 shares were issued to Paul Roberts and 187,500 shares were issued to Steven Michael.
- The company sold 12.5% of their interest in the Cote D'Ivoire tenements to Turaco Gold, an ASX listed company, in exchange for 10,000,000 performance shares issued on 6 August 2021.
- Conversion of 1,438,471 Listed Options to Shares at \$0.018 per share on 17 August 2021.
- On 5 September 2021, there was a Coup D'état in Guinea. While these recent developments are being closely monitored to assess and mitigate impacts to the consolidated entity's exploration in Guinea, the reason for the coup and early signs from the interim leadership provide reassurance that the impact to the resources sector are likely to be minimal. Therefore, this event does not warrant impairment of the Guinea exploration assets at this time.

The Company recognises the current global COVID-19 pandemic may impact on its operations. Specifically, Government restrictions may:

- (iii) prevent Company staff or contractors from carrying out their exploration activities; or
- (iv) impede the supply of equipment or other exploration consumables required to do the exploration work.

## NOTE 20: EVENTS AFTER THE END OF THE REPORTING PERIOD(CONTINUED)

The nature and extent of the effect of the outbreak on the performance of the Company remains unknown. The Company's share price may be adversely affected in the short to medium term by the economic uncertainty caused by COVID-19. Further, any governmental or industry measures taken in response to COVID-19 may adversely impact the Company's operations and are likely to be beyond the control of the Company. The ability to freely move people and equipment to and from exploration projects may cause delays or cost increases. The effects of COVID-19 on the Company's share price may also impede the ability to raise capital, or require the Company to issue capital at a discount, which may in turn cause dilution to shareholders.

There are no matters or circumstances arising for the year which significantly affected or could significantly affect the operations of the Group, the results of those operations, or the state of affairs of the Group in future financial years.

## NOTE 21: CONTROLLED ENTITIES

	Country of Incorporation	Percentage Owned <sup>(i)</sup>	
		2021	2020
<b>Parent Entity:</b>			
Predictive Discovery Limited	Australia	-	-
<b>Subsidiaries of legal parent entity:</b>			
Predictive Discovery Cote D'Ivoire Pty Ltd	Australia	100%	100%
Ivoirian Resources Pty Ltd	Australia	100%	100%
Gayeri Resources Pty Ltd	Australia	100%	100%
Predictive Discovery Mali Resources Pty Ltd	Australia	100%	100%
Bougouni Resources Pty Ltd	Australia	100%	100%
Kenieba Resources Pty Ltd	Australia	100%	100%
Kita Resources Pty Ltd	Australia	100%	100%
Burkina Resources Pty Ltd <sup>(ii)</sup>	Australia	100%	49%
Tinkisso Pty Ltd	Australia	100%	-
Predictive Discovery SARL <sup>(ii)</sup>	Cote D'Ivoire	100%	30%
Ivoirian Resources SARL	Cote D'Ivoire	100%	100%
Predictive Discovery Niger SARL	Niger	100%	100%
Gayeri Resources SARL	Burkina Faso	100%	100%
Burkina Resources SARL <sup>(ii)</sup>	Burkina Faso	100%	49%
Birimian BV SARL <sup>(ii)</sup>	Burkina Faso	100%	49%
Sebba Resources SARL <sup>(ii)</sup>	Burkina Faso	100%	49%
Progress Minerals SARL <sup>(ii)</sup>	Burkina Faso	100%	49%
Predictive Discovery Mali SARL	Mali	100%	100%
Kindia Resources SARLU	Guinea	100%	100%
Mamou Resources SARLU	Guinea	100%	100%
Tinkisso Resources SARLU	Guinea	100%	-
Birimian Pty Ltd <sup>(ii)</sup>	British Virgin Islands	100%	49%
PMI Burkina Faso (BVI) Inc <sup>(ii)</sup>	British Virgin Islands	100%	49%
BF Progress (BVI) Inc <sup>(ii)</sup>	British Virgin Islands	100%	49%

(i) Percentage of voting power is in proportion to ownership

(ii) Refer to notes 6 and 7

**NOTE 22: PARENT ENTITY DISCLOSURES**

	<b>2021</b>	<b>2020</b>
	<b>\$</b>	<b>\$</b>
<b>Assets</b>		
Current assets	21,026,381	8,726,122
Non-current assets	17,278,115	5,406,049
Total assets	<u>38,304,496</u>	<u>14,132,171</u>
<b>Liabilities</b>		
Current liabilities	(212,617)	(983,426)
Total liabilities	<u>(212,617)</u>	<u>(983,426)</u>
<b>Equity</b>		
Issued capital	71,376,018	42,859,342
Reserves	1,541,626	130,330
Prior year accumulated losses	(29,710,596)	(27,553,909)
Current year losses	(5,115,169)	(2,287,016)
Total equity	<u>38,091,879</u>	<u>13,148,747</u>

**CONTINGENT LIABILITIES**

Nil

**CONTRACTUAL COMMITMENTS**

The parent entity has commitments as at 30 June 2021 that are disclosed in Note 14.

**RECOVERABILITY OF INTERCOMPANY LOAN**

Within Non-current assets is a loan due from the 100% subsidiaries of \$17,032,152 which is considered fully recoverable. The recoverability of this loan is dependent upon the successful development or sale of exploration assets in Guinea.

**NOTE 23: COMPANY DETAILS**

The registered office of the company is:

Suite 8, 110 Hay Street,  
SUBIACO WA 6000

The principal place of business of the company is:

Predictive Discovery Limited  
Level 2, 33 Ord Street  
WEST PERTH WA 6005

# Directors' Declaration

The directors of the company declare that:

1. The financial statements and notes, as set out on pages 30 to 58, are in accordance with the *Corporations Act 2001* and:
  - (a) comply with Accounting Standards (including the Australian Accounting Interpretations) and the Corporations Regulations 2001; and
  - (b) give a true and fair view of the financial position as at 30 June 2021 and of the performance for the year ended on that date of the consolidated group;
  
2. The Chief Executive Officer and Chief Financial Officer have each declared that:
  - (a) the financial records of the company for the financial year have been properly maintained in accordance with section 286 of the *Corporations Act 2001*;
  - (b) the financial statements and notes for the financial year comply with the Accounting Standards; and
  - (c) the financial statements and notes for the financial year give a true and fair view.
  
- Note 1 confirms that the financial statements also comply with International Financial Reporting Standards as issued by the International Accounting Standards Board.
  
3. In the directors' opinion, there are reasonable grounds to believe that the company will be able to pay its debts as and when they become due and payable.

This declaration is made in accordance with a resolution of the Board of Directors.



**Paul Roberts**

Managing Director  
22 September 2021

# Independent Auditor's Report

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## INDEPENDENT AUDITOR'S REPORT

### TO THE MEMBERS OF PREDICTIVE DISCOVERY LIMITED

#### Report on the Financial Report

##### Opinion

We have audited the accompanying financial report of Predictive Discovery Limited (the company), which comprises the consolidated statement of financial position as at 30 June 2021, the consolidated statement of profit or loss and other comprehensive income, the consolidated statement of changes in equity and the consolidated statement of cash flows for the year then ended, notes comprising a summary of significant accounting policies and other explanatory information, and the directors' declaration of the company and the consolidated entity comprising the company and the entities it controlled at the year's end or from time to time during the financial year.

In our opinion the accompanying financial report of Predictive Discovery Limited is in accordance with the Corporations Act 2001, including:

- i) Giving a true and fair view of the consolidated entity's financial position as at 30 June 2021 and of its performance for the year ended on that date; and
- ii) Complying with Australian Accounting Standards and the Corporations Regulations 2001.

##### Basis for Opinion

We conducted our audit in accordance with Australian Auditing Standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Report section of our report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

##### Independence

We are independent of the consolidated entity in accordance with the auditor independence requirements of the Corporations Act 2001 and the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 Code of Ethics for Professional Accountants (including Independence Standards) (the Code) that are relevant to our audit of the financial report in Australia. We have also fulfilled our other ethical responsibilities in accordance with the Code.

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## Key Audit Matter

A key audit matter is a matter that, in our professional judgement, was of most significance in our audit of the financial report of the current year. This matter was addressed in the context of our audit of the financial report as a whole, and in forming our opinion thereon, and we do not provide a separate audit opinion on this matter. For the matter below, our description of how our audit addressed this matter is provided in that context.

### 1. Valuation of capitalised exploration expenditure

#### Why significant

As at 30 June 2021 the carrying value of exploration and evaluation assets was \$15,505,090 (2020: \$5,048,178), as disclosed in Note 6. This represents 40.0% of total assets of the consolidated entity, after an impairment of capitalised exploration expenditure of \$2,492,232 had been recorded.

The consolidated entity's accounting policy in respect of exploration and evaluation expenditure is outlined in Note 1(j) with the nature of critical estimates and judgements relating to this balance outlined in Note 1(r). Significant judgement is required:

- in determining whether facts and circumstances indicate that the exploration and evaluation assets should be tested for impairment in accordance with Australian Accounting Standard AASB 6 Exploration for and Evaluation of Mineral Resources ("AASB 6"); and
- in determining the treatment of exploration and evaluation expenditure in accordance with AASB 6, and the consolidated entity's accounting policy. In particular:
  - whether the particular areas of interest meet the recognition conditions for an asset; and
  - which elements of exploration and evaluation expenditures qualify for capitalisation for each area of interest.

#### How our audit addressed the key audit matter

Our work included, but was not limited to, the following procedures:

- conducting a detailed review of management's assessment of impairment trigger events prepared in accordance with AASB 6 including:
  - assessing whether the rights to tenure of the areas of interest remained current at reporting date as well as confirming that rights to tenure are expected to be renewed for tenements that will expire in the near future;
  - obtaining specific representations with the directors and management as to the status of ongoing exploration programmes for the areas of interest, as well as assessing if there was evidence that a decision had been made to discontinue activities in any specific areas of interest; and
  - obtaining and assessing evidence of the consolidated entity's future intention for the areas of interest, including reviewing future budgeted expenditure and related work programmes.
- considering whether exploration activities for the areas of interest had reached a stage where a reasonable assessment of economically recoverable reserves existed;
- testing, on a sample basis, exploration and evaluation expenditure incurred during the year for compliance with AASB 6 and the consolidated entity's accounting policy; and
- reviewing the impairment calculations provided and related assumptions and disclosures in Notes 1(j), 1(r) and 6 for accuracy and completeness.

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### Other Information

Those charged with governance are responsible for the other information. The other information comprises the information included in the consolidated entity's annual report for the year ended 30 June 2021, but does not include the financial report and our auditor's report thereon.

Our opinion on the financial report does not cover the other information and accordingly we do not express any form of assurance conclusion thereon, with the exception of the Remuneration Report.

In connection with our audit of the financial report, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial report or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

### Responsibilities of Directors' for the Financial Report

The Directors of the company are responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the Corporations Act 2001 and for such internal control as the Directors determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

In preparing the financial report, the Directors are responsible for assessing the consolidated entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Directors either intend to liquidate the consolidated entity or to cease operations, or have no realistic alternative but to do so.

### Auditor's Responsibilities for the Audit of the Financial Report

Our objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

As part of an audit in accordance with Australian Auditing Standards, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the consolidated entity's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Directors.
- 
- Conclude on the appropriateness of the Directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the consolidated entity's ability to continue as a going concern. If we conclude that a



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material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the consolidated entity to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the consolidated entity to express an opinion on the group financial report. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with the Directors regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide the Directors with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, actions taken to eliminate threats or safeguards applied.

From the matters communicated with the Directors, we determine those matters that were of most significance in the audit of the financial report of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

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## Report on the Remuneration Report

### Opinion

We have audited the Remuneration Report included in the Directors' Report for the year ended 30 June 2021.

In our opinion, the Remuneration Report of Predictive Discovery Limited for the year ended 30 June 2021 complies with section 300A of the Corporations Act 2001.

### Responsibilities

The directors of the Company are responsible for the preparation and presentation of the Remuneration Report in accordance with section 300A of the Corporations Act 2001. Our responsibility is to express an opinion on the Remuneration Report, based on our audit conducted in accordance with Australian Auditing Standards.

A handwritten signature in cursive script that reads 'PKF Perth'.

PKF PERTH

A handwritten signature in cursive script that reads 'Shane Cross'.

SHANE CROSS  
AUDIT PARTNER

22 SEPTEMBER 2021  
WEST PERTH  
WESTERN AUSTRALIA

# Additional ASX Information

## Shareholder Information

The shareholder information set out below was applicable at 12 October 2021

### 1. Number and Distribution of Equity Securities

The number and class of all securities on issue:

ASX Code	Number	Description
PDI	1,355,633,353	Fully Paid Ordinary Shares Quoted
PDIOA	83,070,014	ASX Listed Options expiring 24/12/2022 EX \$0.018
PDIAM	40,500,000	Unlisted Options expiring 5/5/2023 EX \$0.0986
PDIAN	2,500,000	Unlisted Options expiring 5/5/2023 EX \$0.011
PDIAL	7,500,000	Unlisted Options expiring 30/06/2023 EX \$0.18
PDIAP	8,000,000	Unlisted Options expiring 21/12/2023 EX \$0.112
PDIAQ	10,500,000	Unlisted Options expiring 26/05/2024 EX \$0.0986
PDIAR	8,000,000	Unlisted Options expiring 28/07/2024 EX \$0.14

Distribution of equity securities:

Range	SHARES (PDI)		LISTED OPTIONS (PDIOA)	
	Securities	No. of holders	Securities	No. of holders
100,001 and Over	1,286,344,191	831	81,046,187	54
10,001 to 100,000	63,129,608	1,576	1,970,235	36
5,001 to 10,000	4,789,114	585	48,571	5
1,001 to 5,000	1,317,054	365	5,000	1
1 to 1,000	53,386	156	21	3
<b>Total</b>	<b>1,355,633,353</b>	<b>3,513</b>	<b>83,070,014</b>	<b>99</b>
<b>Unmarketable Parcels</b>	252,992	254	21	3

### 2. Substantial Shareholders (Ordinary Shares: PDI)

Substantial shareholders as defined by Section 671B of Australian Corporations Law are:

Name	Number of Shares	%
HSBC Custody Nominees (Australia) Limited	217,099,784	16.01
Capital Di Limited	90,000,000	6.64
JP Morgan Nominees Australia Limited	84,950,000	6.27

## > Additional ASX Information

For the Year Ended 30 June 2021

### 3. Substantial Option Holders (PDIOA)

Substantial shareholders as defined by Section 671B of Australian Corporations Law are:

Name	Number of Options	%
Mr Philip Richard Perry	22,684,024	27.31
Capital Di Limited	12,500,000	15.05
Rock the Polo Pty Ltd	6,989,921	9.20
Quintero Group Limited	7,500,000	9.03

### 4. Voting Rights

Subject to any rights or restrictions for the time being attached to any class or classes of shares, at a general meeting every shareholder or class of shareholder present in person or by proxy, attorney or representative has one vote on a show of hands and, on a poll, one vote for each fully paid share which that member holds or represents.

### 5. Twenty Largest Shareholders: Ordinary Shares (PDI)

The twenty largest fully paid shareholders hold 60.87% of the issued capital and are tabled below:

	Shareholder	No. of shares	%
1	HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	217,099,784	16.01
2	CAPITAL DI LIMITED	90,000,000	6.64
3	J P MORGAN NOMINEES AUSTRALIA PTY LIMITED	84,950,000	6.27
4	MR PHILLIP RICHARD PERRY	61,950,500	4.57
5	CAPITAL DI LIMITED	50,247,368	3.71
6	QUINTERO GROUP LIMITED	40,875,000	3.02
7	MR PASQUALE BEVILACQUA & MRS MARIA CARMELA BEVILACQUA	39,478,000	2.91
8	CITICORP NOMINEES PTY LIMITED	35,772,673	2.64
9	EQUITY TRUSTEES LIMITED	35,464,401	2.62
10	AIGLE ROYAL SUPERANNUATION PTY LTD	33,000,000	2.43
11	BNP PARIBAS NOMINEES PTY LTD	21,817,809	1.61
12	ORIMCO RESOURCE INVESTMENTS PTY LTD	15,615,023	1.15
13	DYSPO PTY LIMITED	15,400,000	1.14
14	MR JAMIE PHILLIP BOYTON	15,286,744	1.13
15	HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	14,612,357	1.08
16	AURORA MINERALS LIMITED	13,717,125	1.01
17	MR PASQUALE BEVILACQUA	13,400,000	0.99
18	JORGENSON-WATTS PTY LTD	10,000,000	0.74
19	EL-RAGHY KRIEWALDT PTY LTD	8,250,000	0.61
20	MICJUD PTY LTD	8,200,003	0.60
	<b>Total</b>	<b>825,136,787</b>	<b>60.87</b>
	<b>Balance of register</b>	<b>530,496,566</b>	<b>39.13</b>
	<b>Grand total</b>	<b>1,355,633,353</b>	<b>100.00</b>

## 6. Twenty Largest Option Holders: (PDIOA)

	Option Holder	No. of Options	%
1	MR PHILLIP RICHARD PERRY	22,684,024	27.31
2	CAPITAL DI LIMITED	12,500,000	15.05
3	ROCK THE POLO PTY LTD	7,644,000	9.20
4	QUINTERO GROUP LIMITED	7,500,000	9.03
5	EMMESS PTY LTD	3,500,000	4.21
6	RAM PLATINUM PTY LTD	3,452,465	4.16
7	EQUITY TRUSTEES LIMITED	2,500,000	3.01
8	JIMZBAL PTY LTD	2,000,000	2.41
9	TECHNICA PTY LTD	1,500,000	1.81
10	JIMZBAL PTY LTD	1,340,000	1.61
11	GOFFACAN PTY LTD	1,000,000	1.20
11	GOFFACAN PTY LTD	1,000,000	1.20
11	MR JASON MICHAEL BARNETT	1,000,000	1.20
12	MR ADAM GARE	740,000	0.89
13	MR PAUL JOSEPH MASSARA	650,000	0.78
14	GANDJ WILLIAMSON PTY LTD	574,000	0.69
15	MR CARMELO STILLISANO	547,536	0.66
16	MR ARTHUR EDWARD JOHNSON	500,000	0.60
16	MR ANDREW PETER FISHER	500,000	0.60
16	D-TECH INVESTORS PTY LTD	500,000	0.60
16	PAJAL PTY LTD	500,000	0.60
16	SPURFIRE PTY LTD	500,000	0.60
16	MR ANDREW PETER FISHER & MRS LORIS JOYCE FISHER	500,000	0.60
17	MR SHAUN BRENDON ARTHUR SUCKLING	493,726	0.59
18	CAPITAL DI LIMITED	480,000	0.58
19	MR MARTIN JAMES HICKLING & MRS JANE FRANCES HICKLING	418,000	0.50
20	P R PERRY NOMINEES PTY LTD	350,000	0.42
20	MICJUD PTY LTD	350,000	0.42
	<b>Total</b>	<b>75,223,751</b>	<b>90.55</b>
	<b>Balance of register</b>	<b>7,846,263</b>	<b>9.45</b>
	<b>Grand total</b>	<b>83,070,014</b>	<b>100.00</b>

## 7. Unquoted Equity Securities

ASX Code	No. of holders	Number	Description	Holder of more than 20%
PDIAM	10	40,500,000	Unlisted Options expiring 5/5/2023 EX \$0.0986	P&E Roberts (12,500,000)
PDIAN	1	2,500,000	Unlisted Options expiring 5/5/2023 EX \$0.011	Mr Steven Michael
PDIAL	1	7,500,000	Unlisted Options expiring 30/06/2023 EX \$0.18	Mr Dale Alan Bryan <The Rainbow Unit Trust>
PDIAP	2	8,000,000	Unlisted Options expiring 21/12/2023 EX \$0.112	HSBC Custody Nominees (4,000,000) Zenix Nominees Pty Ltd (4,000,000)
PDIAQ	2	10,500,000	Unlisted Options expiring 26/05/2024 EX \$0.0986	Mr Francis Harper (7,000,000) Mr Andrew Pardey (3,500,000)
PDIAR	2	8,000,000	Unlisted Options expiring 28/07/2024 EX \$0.14	HSBC Custody Nominees (4,000,000) Zenix Nominees Pty Ltd (4,000,000)

> Additional ASX Information

For the Year Ended 30 June 2021

## 8. Corporate Governance Statement

The 2021 Corporate Governance statement of Predictive Discovery Limited is available on the Company's website at <https://www.predictivediscovery.com/corporate-governance/>

### Mineral Tenement Information

Name	Number	Location	Area (sq. km)	PDI equity
Kalinga	Arrêté 2014-294/MCE/SG/DGMGC	Burkina Faso	186	100%
Tantiabongou	Arrêté 2017-054 / MCE/SG/DGMGC	Burkina Faso	50	100%
Tambifwanou	Arrêté 2017-119/MCE/SG/DGMGC	Burkina Faso	136	100%
Bongou	Arrêté 2017-121/MCE/SG/DGMGC	Burkina Faso	171	100%
Bira	Arrêté 2016-129/MCE/SG/DGMGC	Burkina Faso	12	100%
Basieri	Arrêté 2017-133/MCE/SG/DGMGC	Burkina Faso	73	100%
Haoura	Arrêté 2018-232/MCE/SG/DGMGC	Burkina Faso	42	100%
Boundiali	Mining exploration permit No. 414	Cote D'Ivoire	299	11%
Boundiali North	Mining exploration permit	Cote D'Ivoire	350	Predictive CI earning 90%. PDI holds 11% of Predictive CI
Wendene	Mining exploration permit No. 572	Cote D'Ivoire	400	0% (rights to bonus payments on production)
Dabakala	Mining exploration permit application	Cote D'Ivoire	400	0% (rights to bonus payments on production)
Beriaboukro (Toumodi)	Mining exploration permit No. 464	Cote D'Ivoire	400	Predictive CI can earn 85% in the permit. PDI holds 11% of Predictive CI
Ferkessedougou North	Mining exploration permit No. 367	Cote D'Ivoire	400	Predictive CI can earn 85% in the permit. PDI holds 11% of Predictive CI
Bocanda North	Mining exploration permit No. 844	Cote D'Ivoire	368	Predictive 100% (Tanga Resources earning 80%)
Nonta	Exploration Permit	Guinea	100	Predictive 100%
Kankan	Exploration Permit	Guinea	100	Predictive 100%
Kaninko	Exploration Permit	Guinea	100	Predictive 100%
Saman	Exploration Permit	Guinea	100	Predictive 100%
Bokoro	Exploration Permit	Guinea	100	Predictive 100%
Argo	Exploration Permit	Guinea	58	Predictive – right to earn 90% during the exploration phase
Koundian 1	Exploration Permit	Guinea	85	Predictive – right to earn 90% during the exploration phase
Koundian 2	Exploration Permit	Guinea	100	
Koundian 3	Exploration Permit	Guinea	63	
Koundian 4	Exploration Permit	Guinea	55	
Cape Clear	EL 5434	Victoria, Australia	63	25%

# Annual Mineral Resource and Ore Reserve Report

## Bongou Deposit Burkina Faso

As at 30 June 2021

As announced at ASX on 3 November 2020, PDI executed an agreement that saw PDI's ownership return to 100% (from 49% JV interest) in the entire Burkina Faso tenement package, including the Bongou gold deposit. In accordance with ASX Listing Rule 5.21, PDI reviews and reports its Mineral Resource and ore Reserves at least annually. The date of reporting is 30 June each year, to co-incide with the Company's end of financial year balance date. If there are any material changes to its Mineral Resources or Ore Reserves over the course of the year, the Company promptly reports those changes.

Mineral Resources for the Company's Bongou Deposit Burkina Faso remain unchanged and are shown in Table 1 below:

*Bongou Deposit - Burkina Faso*

Cut off	Indicated Resources			Inferred Resources			Total Resources		
	Million Tonnes	Au (g/t)	Ounces	Million tonnes	Au (g/t)	Ounces	Million tonnes	Au (g/t)	Ounces
0.4	1.21	2.54	99,000	1.33	2.13	91,000	2.55	2.32	190,000
<b>0.8</b>	<b>1.14</b>	<b>2.67</b>	<b>98,000</b>	<b>1.09</b>	<b>2.48</b>	<b>86,000</b>	<b>2.22</b>	<b>2.58</b>	<b>184,000</b>
2.0	0.64	3.64	75,000	0.49	3.90	61,000	1.13	3.75	136,000
3.0	0.34	4.68	52,000	0.28	4.95	45,000	0.62	4.80	96,000

The governance arrangements and internal controls with respect to estimates of mineral resources include the use of external consultants where needed with input from the Company's technical staff and reviewed by the Board.

## Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Paul Roberts who is a Fellow of the Australian Institute of Geoscientists. Mr Paul Roberts is a full time employee of the company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration 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'. Mr Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Mineral Resource estimation and classification of Mineral Resources and Exploration Targets for the Bongou deposit Burkina Faso is based on, and fairly represents, information and supporting documentation compiled by Mr Richard Gaze. Mr Gaze is a fulltime employee of Golder Associates Pty Ltd and a Member and Chartered Professional of the Australasian Institute of Mining and Metallurgy. Mr Gaze has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken

to qualify as a Competent Person as defined in the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition). Mr Gaze consents to the inclusion of the estimates, classification and the supporting information in the form and context in which it appears.

The Mineral Resource estimates the Bankan Gold Project (see ASX release dated 30 September 2021), located in Guinea's Siguiri Basin reported herein are based on information compiled by Mr Phil Jankowski, who is a member 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. Mr Jankowski consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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