predictive discovery

ASX Announcement

25th AUGUST 2022

IMPRESSIVE GOLD HITS CONTINUE FROM 4.2MOZ BANKAN GOLD PROJECT

Predictive Discovery Limited (ASX:PDI) ("Predictive" or "Company") is pleased to announce new results from Resource drilling at its 4.2Moz (Inferred)[1] Bankan Gold Project ("Bankan"), located in Guinea.

NE Bankan Diamond Drilling

- Eight new infill and resource expansion Diamond Drill (DD) holes (totalling 4,063.5m) completed at the 3.9Moz (inferred)[1] NE Bankan Gold Deposit returned the following outstanding results:
  - BNERD0117: **43m @ 4.88g/t Au** from 304m, incl.
    20m @ 7.54g/t Au from 326m, incl.
    4m @ 16.53g/t Au from 342m
  - BNERD0118: **48m @ 5.26g/t Au** from 216m, incl.
    25m @ 8.42g/t Au from 234m, incl.
    5m @ 19.56g/t Au from 254m
  - BNERD0119A: **30m @ 3.43g/t Au** from 669m, incl.
    11m @ 6.22g/t Au from 675m
  - BNERD0120: **38m @ 2.52g/t Au** from 436m, incl.
    5m @ 6.51g/t Au from 456m
  - BNERD0121: **41m @ 3.49g/t Au** from 354m, incl.
    19m @ 6.52g/t Au from 373m
  - BNERD0122A: **14m @ 2.94g/t Au** from 727m, incl.
    3m @ 9.88g/t Au from 736m
  - BNERD0124A : **65m @ 2.76g/t Au** from 205m, incl.
    6m @13.15g/t Au from 257m

[1]ASX Announcement - 4.2Moz Bankan Gold Resource (2nd August 2022)

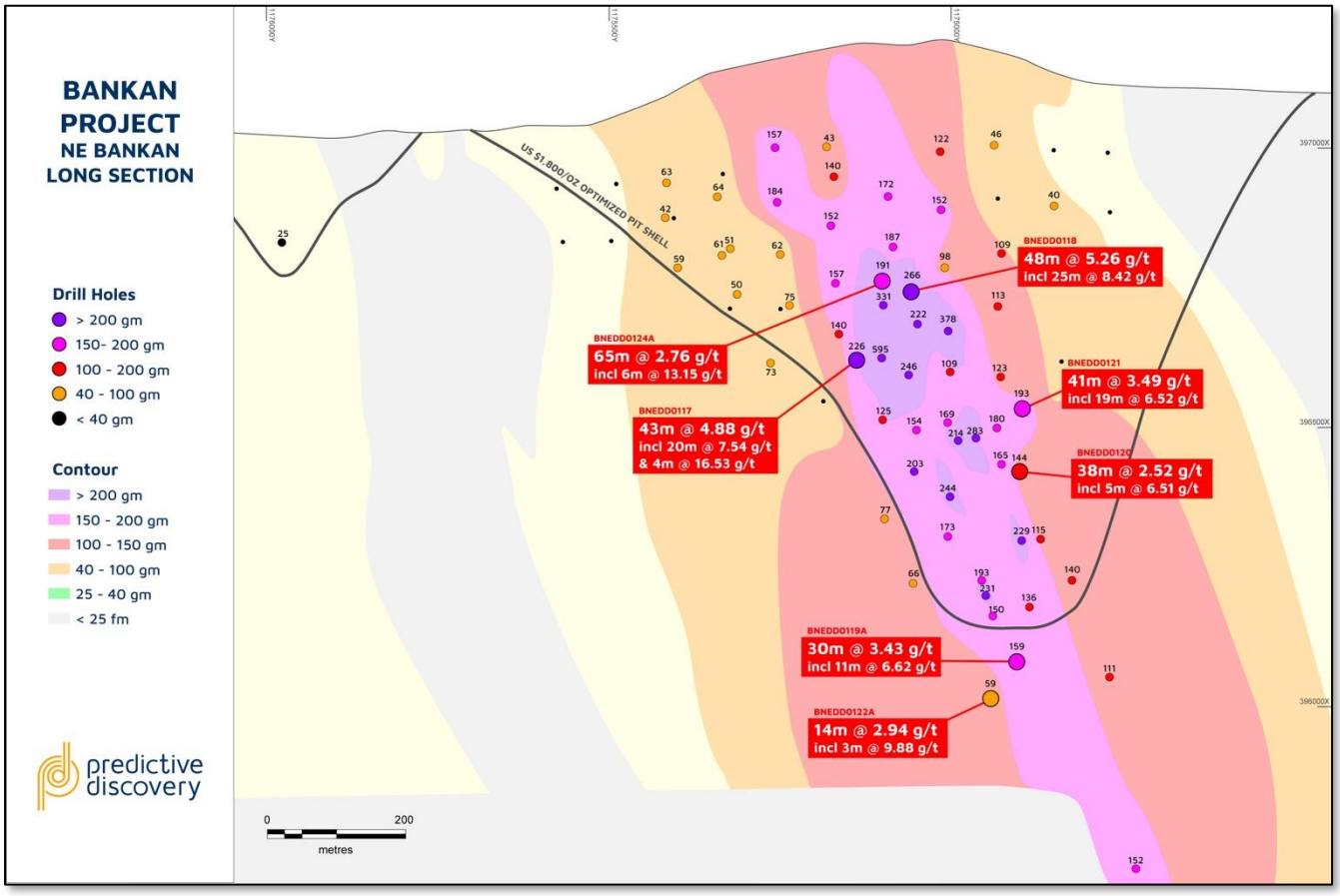

Figure 1 - NE Bankan NS Longitudinal Projection showing new drill results from withing and outside the existing Resource.

Commenting on the results, Managing Director Andrew Pardey:

"Predictive's next phase of drilling, which is focused on further defining the quality and extending the fast-growth resource of the NE Bankan gold deposit, continues to prove up the significance of what is the largest gold discovery in West Africa for over a decade. As we continue to drill out our assets and move towards the development phase of the project, we are also highly encouraged by the consistency and quality of the resource through our initial grade control drilling at NE Bankan. With the expanded drilling cap and the data gathered to date, Predictive continues to maintain significant momentum in its development as we gain further knowledge of what will clearly become a Tier 1 asset in the gold mining industry"

NE Bankan Reverse Circulation Grade Control Program

- NE Bankan Grade Control program is testing the shortrange variability of the mineralisation of the upper fresh and oxide expression of the high-grade shoot with results being used to assist in determining the required drill spacing for resource conversion and reconciliation of the current resource model.

- A total of 73 Reverse Circulation (RC) (BNERC0091-BNERC0163) are reported, with better intercepts including:

- BNERC0091: **12m @ 1.08/t Au** from 7m
- BNERC0092: **18m @ 1.17g/t Au** from 2m
- BNERC0093: **25m @ 2.54g/t Au** from 7m, incl.
  2m @ 17.2g/t Au from 11m, and
  10m @ 1.57g/t Au from 60m
- BNERC095A: **49m @ 2.12g/t Au** from 6m
  23m @ 1.37g/t Au from 31m
- BNERC0098: **20m @ 1.21g/t Au** from 33m, and
  10m @ 1.31g/t Au from 75m
- BNERC0099: **19m @ 2.4g/t Au** from 36m, incl.
  3m @ 7.7g/t Au from 50m
- BNERC0101: **13m @ 1.15g/t Au** from 62m
- BNERC0102: **20m @ 1.73g/t Au** from 76m, incl.
  1m @ 15g/t Au from 84m
- BNERC0103: **13m @ 2.49g/t Au** from 3m, incl.
  1m @ 10.2g/t Au from 10m
- BNERC0004: **20m @ 3.2g/t Au** from 2m, incl.
  5m @ 8.1g/t Au from 13m
- BNERC0105: **30m @ 2.24g/t Au** from 4m, incl.
  4m @ 6.8g/t Au from 24m
- BNERC0108: **24m @ 3.18g/t Au** from 36m, incl.
  5m @ 6.88g/t Au from 43m
- BNERC0109: **15m @ 2.7g/t Au** from 50m, incl.
  1m @ 21.6g/t Au from 54m
- BNERC0110: **19m @ 1.16g/t Au** from 3m, and
  23m @ 3.14g/t Au from 25m, incl.
  1m @ 11.1g/t Au from 31m, and
  4m @ 9.4g/t Au from 40m, and

5m @ 5.28g/t Au from 52m, incl.

3m @ 22.82g/t Au from 52m, and

8m @2.23g/t Au from 60m, incl.

1m @ 9.52g/t Au from 62m

- BNERC0111: **25m @ 4.21g/t Au** from 5m, incl.

  1m @ 13.8g/t Au from 21m, and

  4m @ 18.4g/t Au from 26m, and

  3m @ 4.05g/t Au from 49m, and

  8m @ 6.46g/t Au from 68m, incl.

  4m @ 11.96g/t Au from 70m
- BNERC0112: **18m @ 1.19g/t Au** from 20m, and

  6m @ 3.11g/t Au from 62m, incl.

  2m @ 7.9g/t Au from 62m
- BNERC0113: **10m @ 2.81g/t Au** from 37m

  10m @ 2.81g/t Au from 37m, and

  9m @ 3.3g/t Au from 85m
- BNERC0114: **9m @ 2.7g/t Au** from 46m, and

  10m @ 1.0g/t Au from 63m, and

  17m @ 1.8g/t Au from 77m
- BNERC0117: **22m @ 1.21g/t Au** from 21m, and

  13m @ 1.62g/t Au from 47m
- BNERC0119: **19m @ 2.28g/t Au** from 81m, incl.

  3m @ 10.5g/t Au from 97m
- BNERC0123: **14m @ 2.14g/t Au** from 1m, incl.

  5m @ 4.03g/t Au from 7m
- BNERC0124: **29m @ 3.53g/t Au** from 4m, incl.

  8m @ 9.23g/t Au from 16m, and

  14m @ 2.9g/t Au from 67m

- BNERC0125: **47m @ 1.76g/t Au** from 2m, incl.
  18m @ 3.43g/t Au from 18m
- BNERC0126: **47m @ 1.44g/t Au** from 2m
- BNERC0128: **27m @ 1.97g/t Au** from 30m
- BNERC0129: **7m @ 1.11g/t Au** from 37m, and
  18m @ 2.82g/t Au from 47m
- BNERC0130: **21m @ 2.82g/t Au** from 9m, and
  21m @ 3.78g/t Au from 55m, incl.
  14m @ 5.29g/t Au from 56m
- BNERC0131: **19m @ 1.01g/t Au** from 8m, and
  19m @ 1.24g/t Au from 44m, and
  23m @ 1.86g/t Au from 68m
- BNERC0132: **36m @ 1.13g/t Au** from 2m, and
  19m @ 1.24g/t Au from 44m, and
  23m @ 1.86g/t Au from 68m
- BNERC0133: **20m @ 1.5g/t Au** from 21m
- BNERC0134: **17m @ 2.25g/t Au** from 29m
- BNERC0135: **93m @ 1.35g/t Au** from 9m, incl.
  8m @ 3.93g/t Au from 30m
- BNERC0136 : **65m @ 1.33g/t Au** from 16m
- BNERC0137 : **48m @ 0.99g/t Au** from 16m, and
  18m @ 2.08g/t Au from 66m, and
  10m @ 2.02g/t Au from 88m
- BNERC0138 : **19m @ 1.18g/t Au** from 48m
- BNERC0141 : **20m @ 1.18g/t Au** from 28m, and
  13m @ 1.97g/t Au from 84m
- BNERC0142: **50m @ 1.44g/t Au** from 56m, and
  22m @ 1.01g/t Au from 121m

- BNERC0143: **36m @ 1.63g/t Au** from 75m, and
  5m @ 3.58g/t Au from 188
- BNERC0144: **51m @ 1.55g/t Au** from 0m, incl.
  5m @ 6.84g/t Au from 28m
- BNERC0145: **19m @ 1.64g/t Au** from 61m
- BNERC0146: **13m @ 1.5g/t Au** from 13m
- BNERC0147: **29m @ 3.84g/t Au** from 16m, incl.
  5m @ 11.67g/t Au from 20m
- BNERC0148: **36m @ 1.31g/t Au** from 53m, and
  22m @ 1.8g/t Au from 126m, and
  9m @ 1.48g/t Au from 171m
- BNERC0149: **10m @ 1.59g/t Au** from 0m, and
  14m @ 1.39g/t Au from 35m
- BNERC0157: **21m @ 1.8g/t Au** from 0m
- BNERC0158: **16m @ 1.85g/t Au** from 9m, and
  2m @ 16.85g/t Au from 66m
- BNERC0160 **25m @ 1.49g/t Au** from 5m
- BNERC0161: **30m @ 1.66g/t Au** from 6m, incl.
  3m @ 5.36g/t Au from 21m, and
  5m @ 1.66g/t Au from 40m, and
  8m @ 1.68g/t Au from 50m
- BNERC0162: **42m @ 2.17g/t Au** from 5m, incl.
  4m @ 11.38g/t Au from 31m
- BNERC0163: **26m @ 1.78g/t Au** from 42m, and
  7m @ 1.79g/t Au from 75m

25th AUGUST 2022

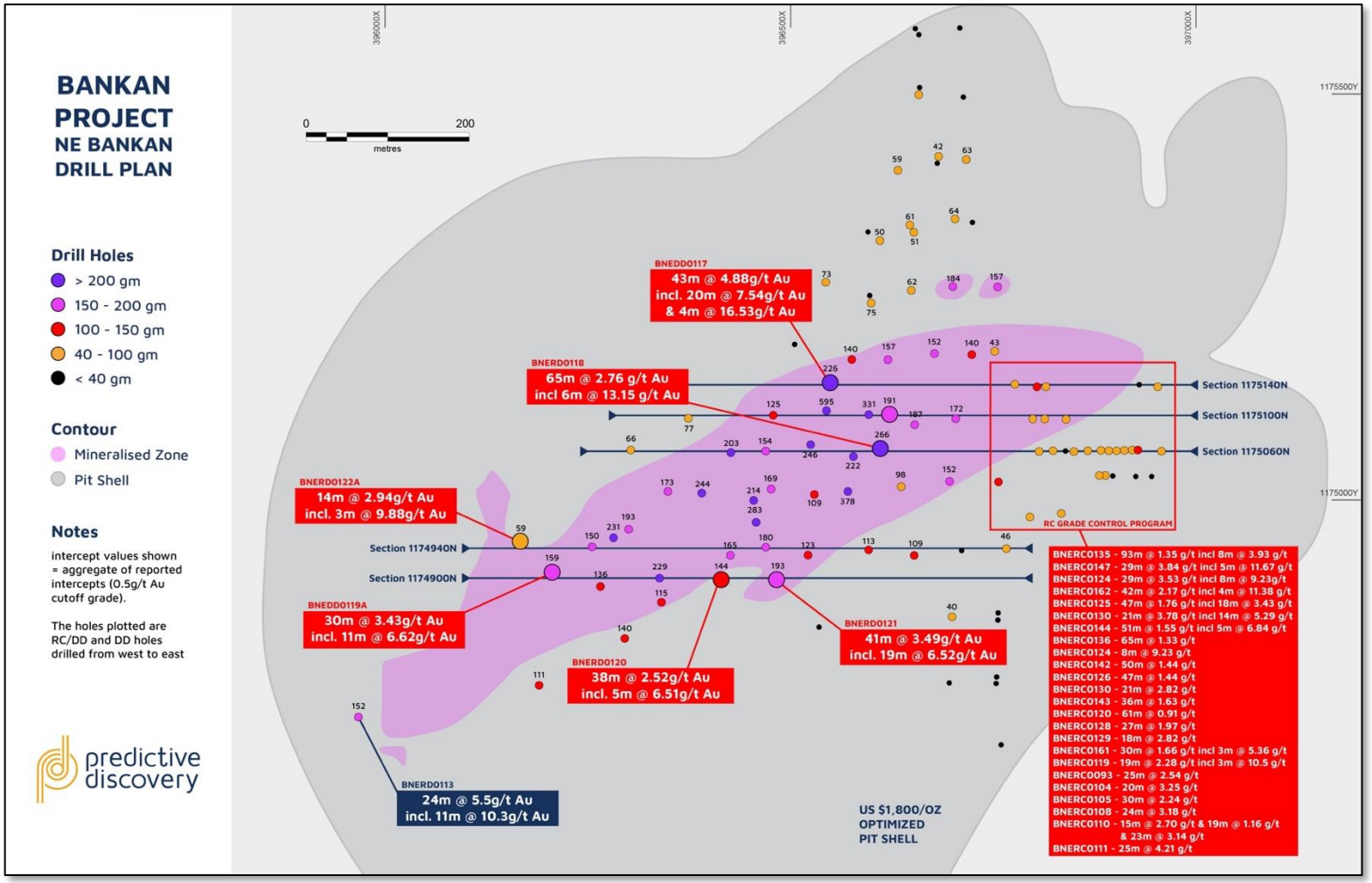

Figure 2 – NE Bankan Plan view, showing significant results from recent DD and RC drilling.

predictive discovery

ASX Announcement

25th AUGUST 2022

DIAMOND DRILLING DETAILED

Bankan currently has an inferred Resource of 79.5 million tonnes at 1.63g/t Au for 4.2 million ounces of gold[1]. Drilling at NE Bankan is targeting the plunge extension of the high-grade shoot and upgrading the resource classification to indicated.

There are currently 10 active drill rigs on site with four Diamond, two multipurpose Diamond/Reverse Circulation, one Reverse Circulation, one Aircore and two Power Auger drill rigs, all conducting various resource development and exploration programs across the Bankan Project.

Holes BNEDD0117, 118 and 119A were the last three diamond core intercepts to be included in the mineral resource estimate reported 1st August, 2022. The new intercepts reported from BNEDD0120 to 124A and all of the RC intercepts have been reported after the most recent Resource update.

Holes BNEDD0117 to 124A are part of the first phase on infill, targeting the edge of the high grade (+150 gramme metre) tongue, incrementally expanding the high-grade resource, adding high quality ounces within and below the pit.

The 10m by 10m dedicated, angled RC grade control pattern was completed in July at NE Bankan testing the shortrange variability of the mineralisation of the upper fresh and oxide expression of the high-grade shoot with results being used to assist in determining the required drill spacing for resource conversion and reconciliation of the current resource model.

Detailed results and a complete explanation of the methods followed in drilling and assaying the reported holes can be found in Tables 1-3 and figures 3-8.

The two auger rigs are currently focused on infill drilling to an 80m x 40m grid along the northern and southern strike extensions of the NE Bankan resource model and along the main 4km length of the NE Bankan Thrust. The aircore rig is focused currently on the 1.7km southern extension of the NE Bankan thrust from the resource model to the high grade Bankan South prospects and beyond following the auger rigs results.

The ground geophysics programs are continuing with preliminary gradient-array (GAIP) and pole-dipole (PDIP) induced polarisation results proving highly effective for mapping the mineralisation along the NE Bankan Thrust and focusing the next phase of resource generation across the near-mine targets.

[1]**ASX Announcement - 4.2Moz Bankan Gold Resource (2nd August 2022)**

T +61 8 9216 1020 F +61 8 9481 0411
Level 2, 33 Ord Street, West Perth WA 6005

predictive discovery

ASX Announcement

25th AUGUST 2022

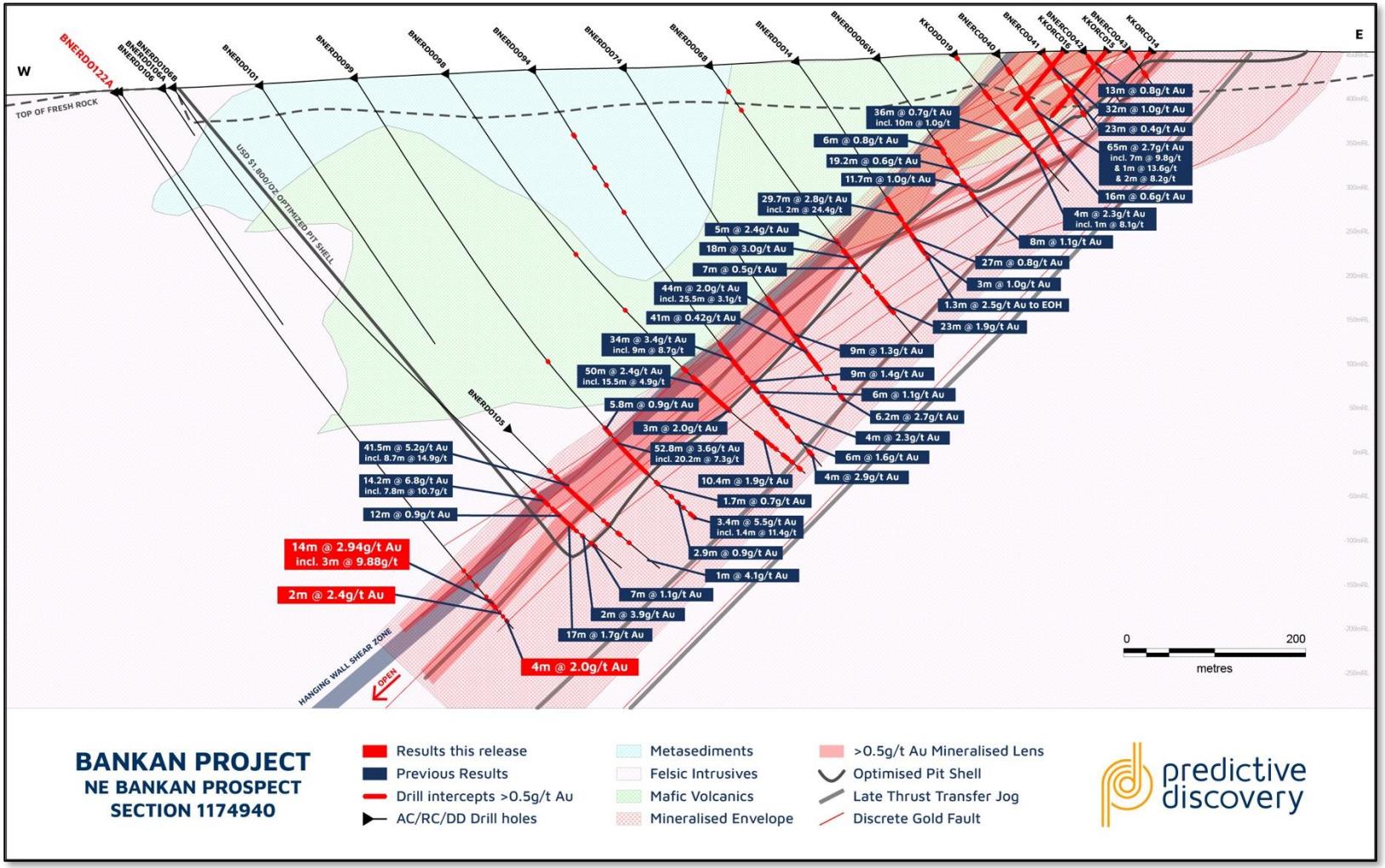

Figure 3 - Section 1174940N (+20mN/- 60mS) with new hole BNERD0122A.

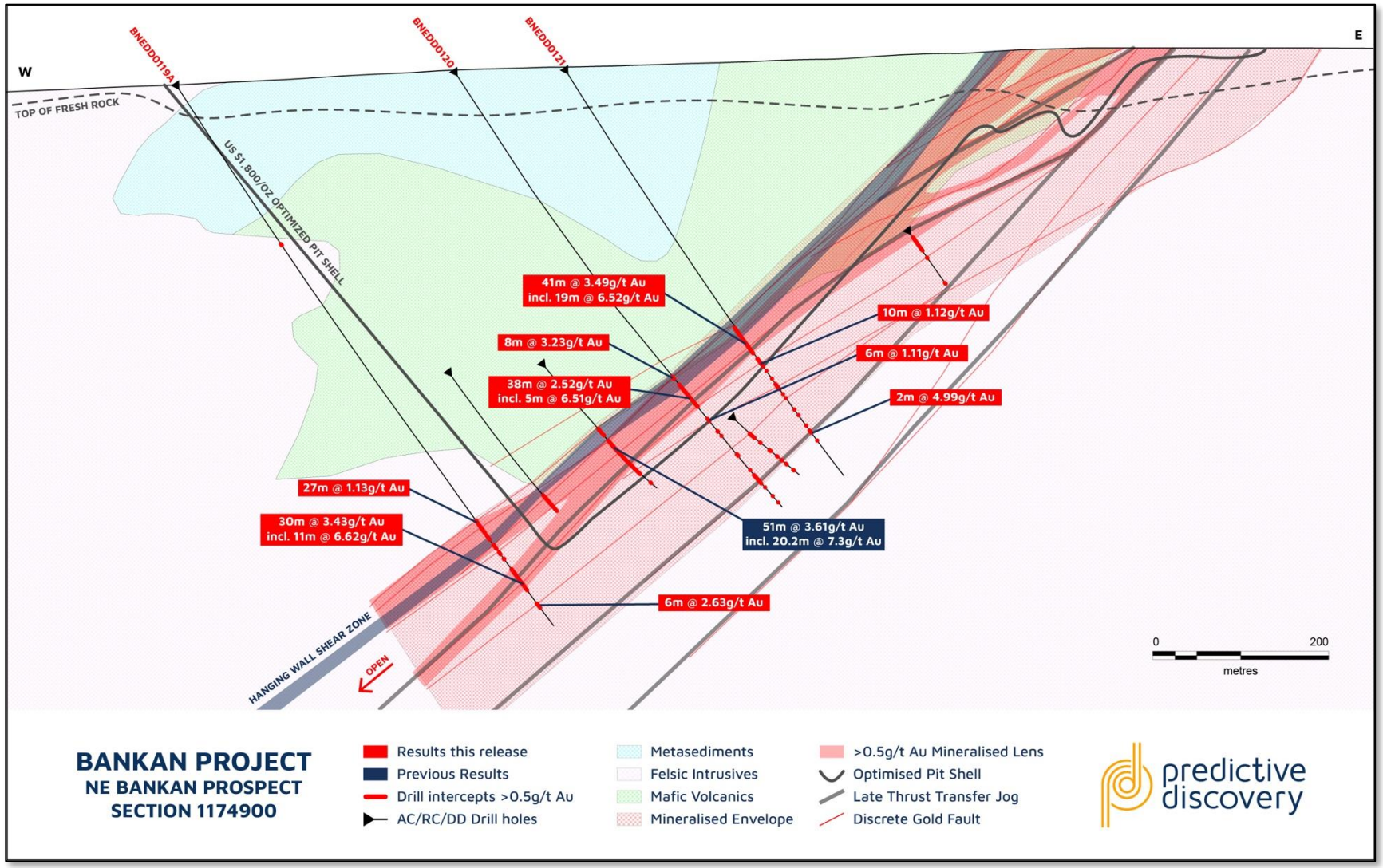

Figure 4 - Section 1174900N (+20mN/- 60mS) with new holes BNERD0119A, BNERD0120 and BNERD0121.

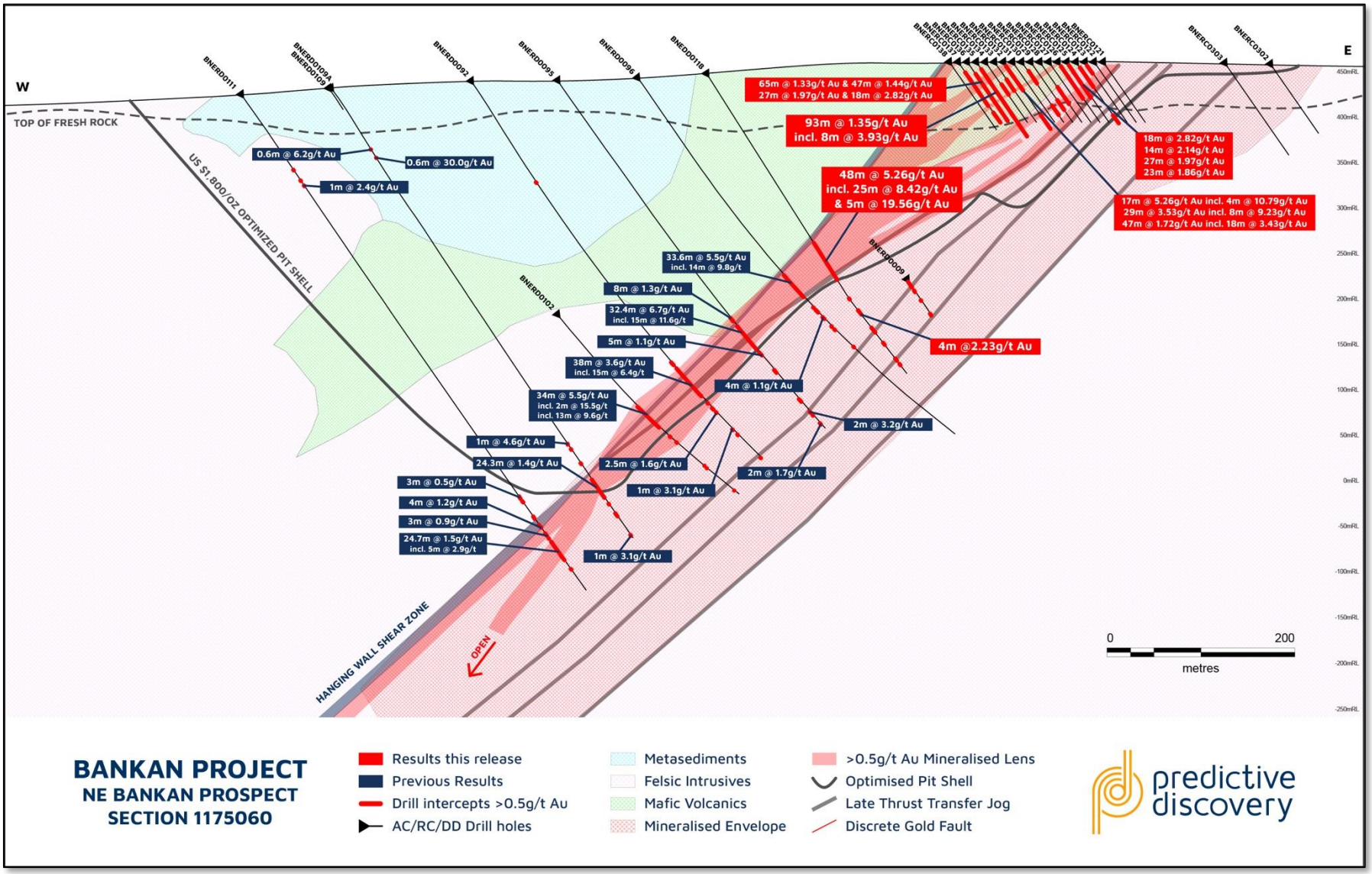

Figure 5 - Section 1175060N (+20mN/- 60mS) with new holes BNERD0118 and RC grade control holes.

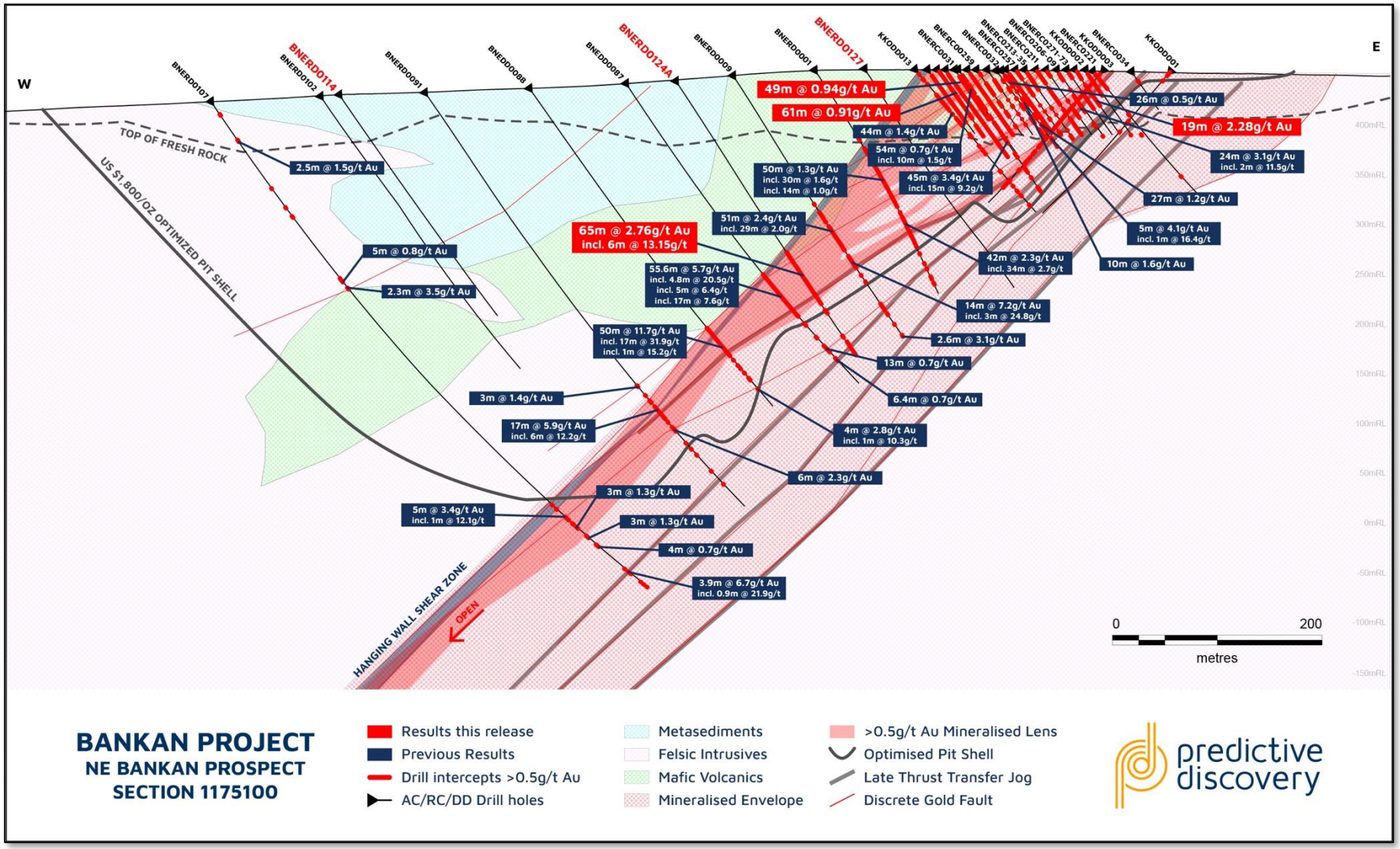

Figure 6 - Section 1175100N (+20mN/- 60mS) with new holes BNERD0124A and RC grade control holes.

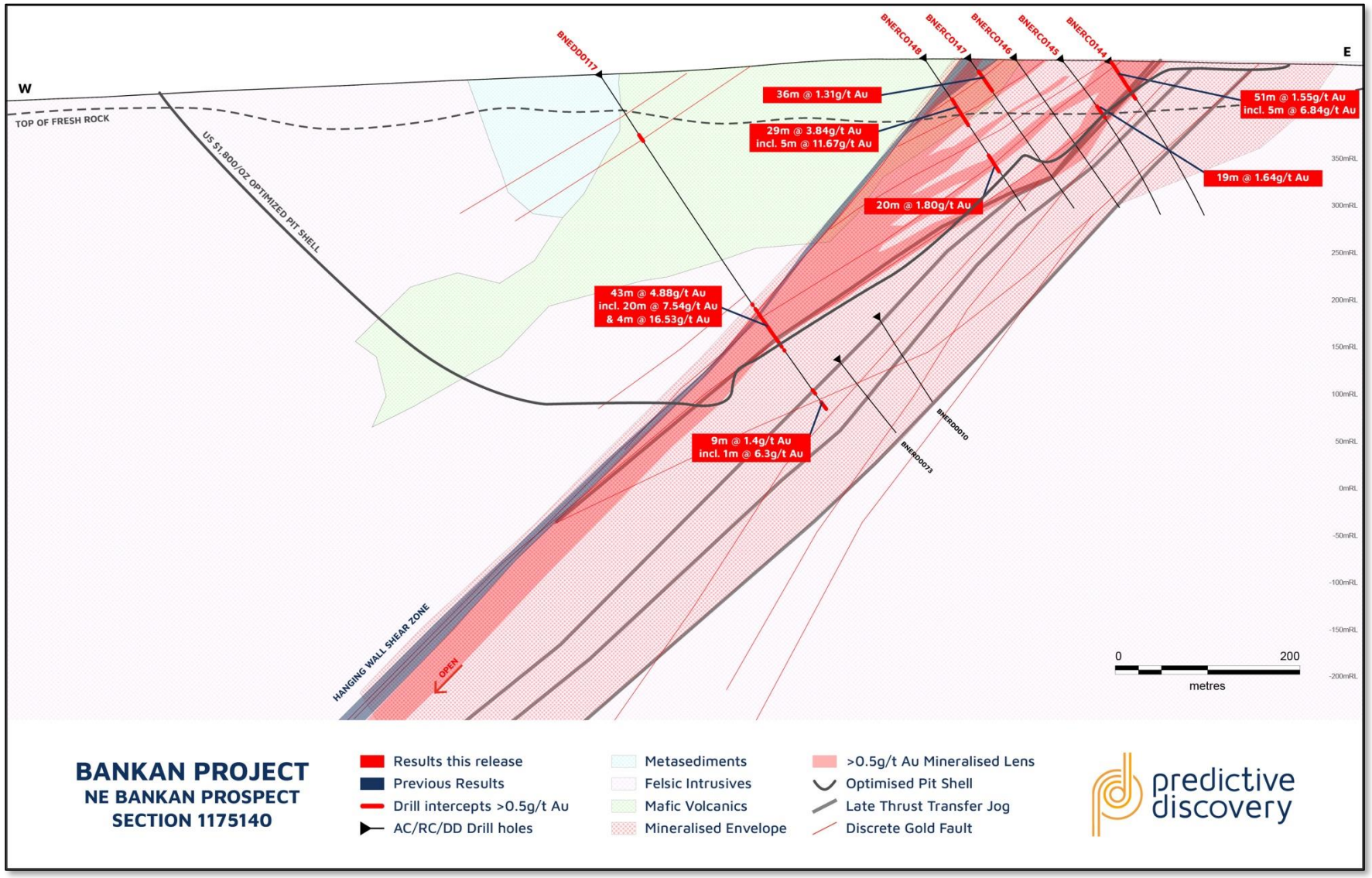

Figure 7 - Section 1175140N (+20mN/- 60mS) with new holes BNERD0117 and RC grade control holes.

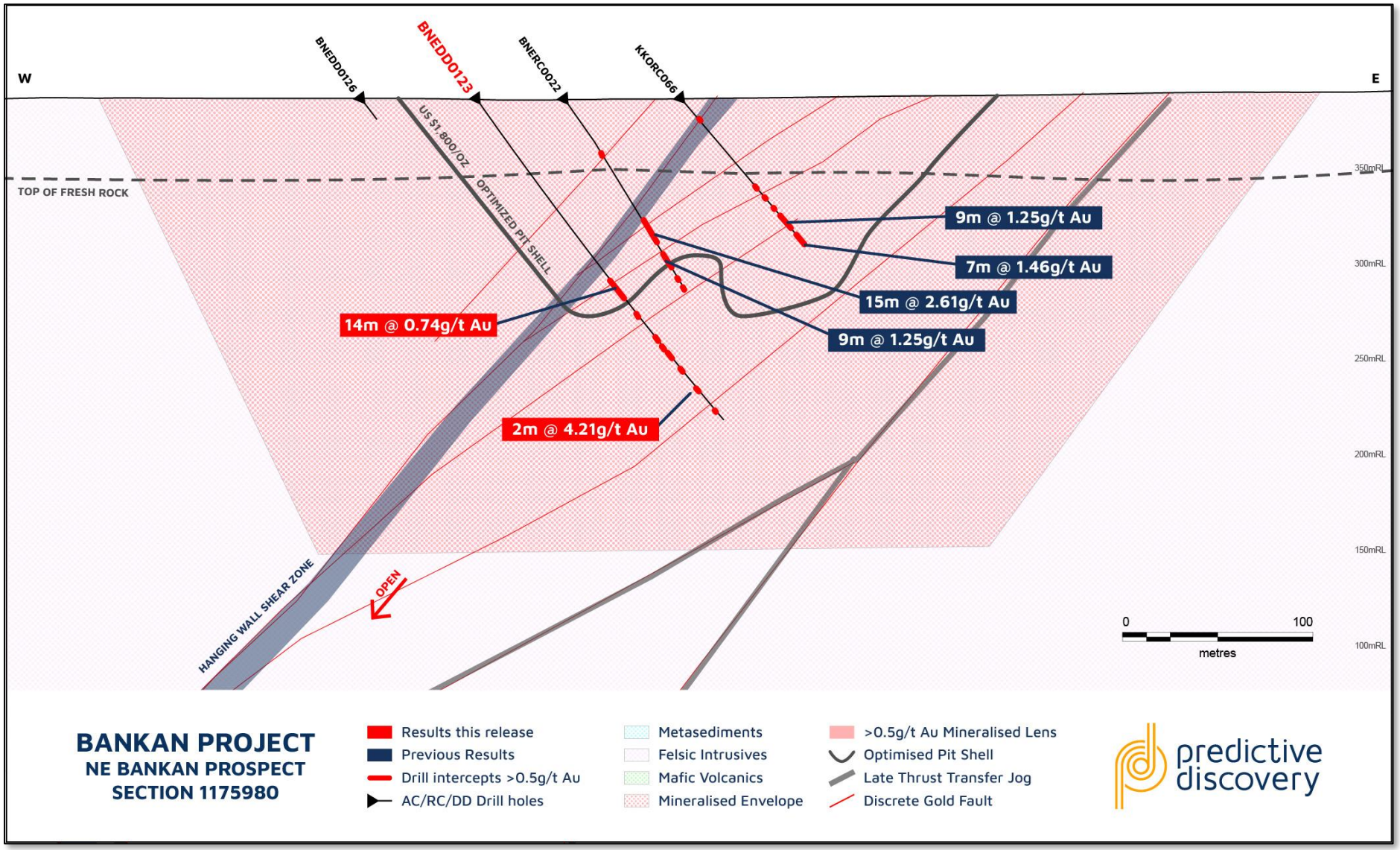

Figure 8 - Section 1175980N (+20mN/- 60mS) with new holes BNERD0123 (Note: hole not included on drill plan, section located ~840m North of S1175140N)

25th AUGUST 2022

NEXT STEPS

- Ten rigs (4 x DD, 2 x RC/DD, 1x RC, 1 x AC and 2 x Power Auger) continue Resource expansion and infill drilling at NE Bankan, Bankan Creek and near-mine exploration programs along strike of the Bankan Project area.
- The ground geophysics programs are on-going with preliminary gradient-array (GAIP) and pole-dipole (PDIP) induced polarisation results proving highly effective for mapping the mineralisation along the NE Bankan Thrust and focusing the next phase of resource generation across the near-mine targets.
- Regional Drilling is taking place around Bankan, with Auger, AC and RC programs underway.
- At the Nonta Project 45 km north of NE Bankan, a 52-hole RC program will commence in the coming weeks with the Company to provide more information as the Program advances.
- Environmental and social studies continue.

COMPETENT PERSONS STATEMENT

The exploration results reported herein are based on information compiled by Mr Norm Bailie. Mr Bailie is a full-time employee of the company 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 Bailie consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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

Predictive advises that it is not aware of any new information or data that materially affects the mineral resource estimate contained in this announcement and all material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

This announcement is authorised for release by Predictive Managing Director, Andrew Pardey.

- END -

For further information visit our website at www.predictivediscovery.com or contact:

Andrew Pardey
Managing Director
E: Andrew.Pardey@predictivediscovery.com

Company Secretary
Ian Hobson
E: Ian.Hobson@predictivediscovery.com
P : +61 407 421 185

Bobby Morse/Ariadna Peretz - Buchanan
Media Enquiries
E: predictive@buchanan.uk.com
P: +44 (0) 20 7466 5000

About Bankan Gold Project

The Bankan gold camp is situated in north-east Guinea, West Africa (Fig. 9). The project is 550km by road from Guinea's capital Conakry within the region of Upper Guinea (Haute-Guinée) and is near the regional administrative centre of Kouroussa.

The Bankan project area covers 356km^2 in four exploration permits, Kaninko, Saman, Bokoro and Argo. Three permits are held by wholly owned subsidiaries of Predictive Discovery Limited. The fourth, Argo, is held in a joint venture with the owners of local company Argo Mining SARLU, through which the company has the right to acquire 100% equity at decision-to-mine.

Geologically, the Bankan gold camp lies in the south-western portion of the Siguiri Basin, a component of the early Proterozoic Birimian orogenic belt in north-eastern Guinea. The Siguiri Basin is largely composed of turbiditic sediments with lesser mafic volcanics and minor felsic intrusives. The geology in the immediate Bankan area consists of shelf sedimentary rocks (conglomerates, sandstones, shales and limestones), mafic volcanics and intrusives and felsic intrusives, the latter generally ranging from tonalite to quartz diorite in composition.

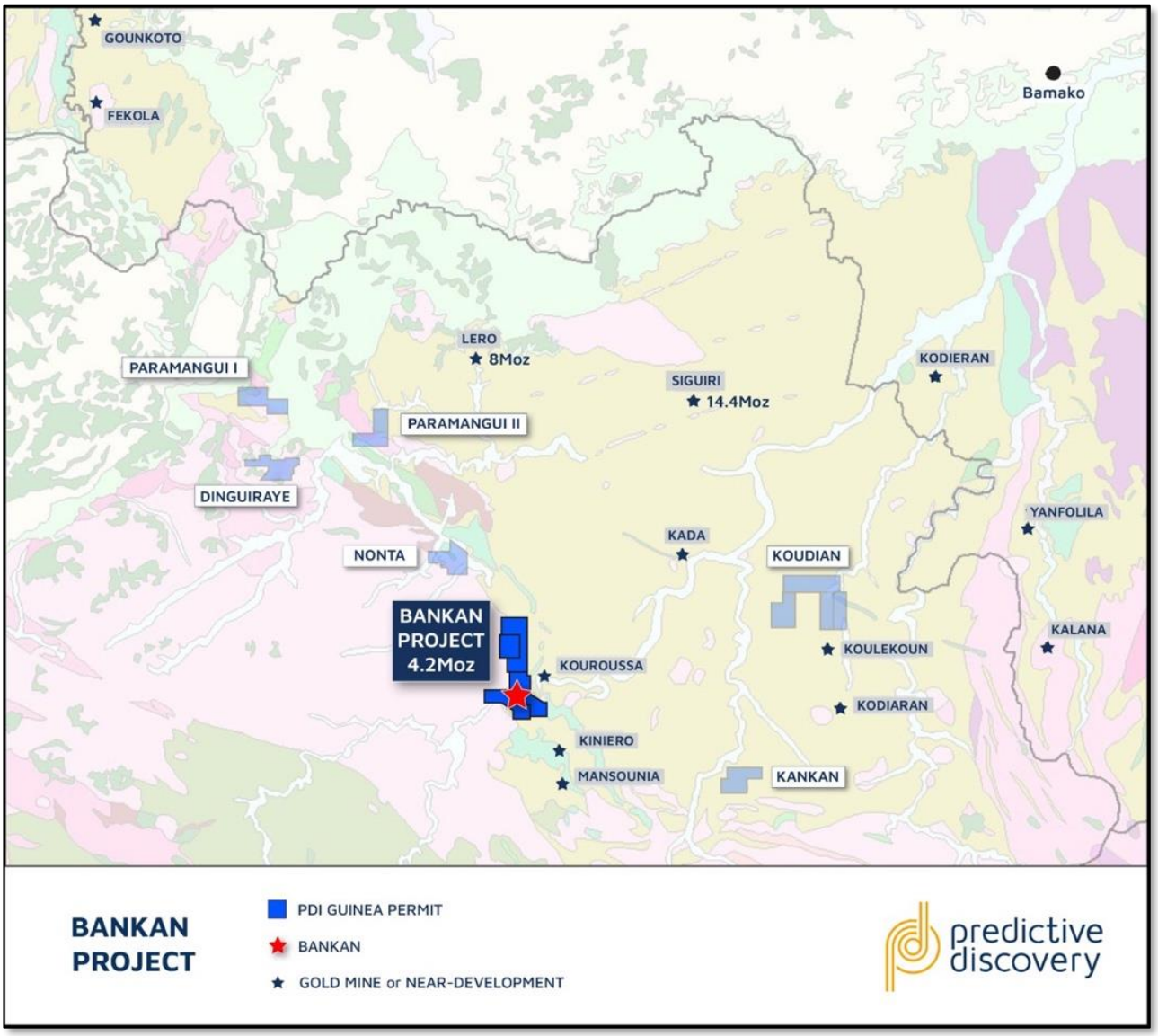

Figure 9 - Predictive Discovery's Bankan Gold Project, located in Guinea's Siguiri Basin, close to large regional mines and deposits.

TABLE 1 – BANKAN PROJECT – DIAMOND DRILL RESULTS

Hole No.	Prospect	UTM 29N East	UTM 29N North	RL (GPS)	Hole azimuth	Hole dip	Hole depth	0.5g/t gold cut-off			
								From	Interval (est true widths)	Au g/t	Comments
BNED D0117	Bankan NE	396386	1175139	443	88.23	-56.7	429.8	292	1	0.86	
								298	3	0.52	
								304	**43**	**4.88**	**43m @ 4.88 g/t incl from 326m, 20m @ 7.54 g/t or from 342m, 4m @ 16.53 g/t**
								403	1	0.52	
								407	1	0.95	
								419	9	1.39	
BNED D0118	Bankan NE	396506	1175058	449	87	-58	390.5	**216**	**48**	**5.26**	**48m @ 5.26 g/t incl from 234m, 25m @ 8.42 g/t or from 254m, 5m @ 19.56 g/t**
								287	1	0.59	
								304	4	1.08	
								328	2	0.63	
								333	1	1.21	
								348.95	1.2	0.58	
								370	2	0.58	
								377	1	0.71	
BNED D0119A	Bankan NE	395863	1174900	422.5	86	-57	750	151.15	0.85	0.74	
								213.5	1.65	0.6	

								600	27	1.13	
								634	6	0.79	
								645	3	0.95	
								654	1	0.52	
								669	**30**	**3.43**	**30m @ 3.43 g/t incl from 675m, 11m @ 6.22 g/t**
								718	6	2.63	
BNED D0120	Bankan NE	396180.742	1174899.233	404.529	87.07	-56.73	621.3	424	8.3	3.23	
								436	38	2.52	**38m @ 2.52 g/t incl from 456m, 5m @ 6.51g/t**
								488	6	1.11	
								507	1	0.52	
								514	1	0.57	
								541	3	0.46	
								564	2	0.64	
								571	15	0.51	
								590	2	0.73	
								604	1	0.59	
								614	1	0.89	
BNED D0121	Bankan NE	396301.394	1174900.82	410.376	89.37	-57.29	555.7	**354**	**41**	**3.49**	**41m @ 3.49 g/t incl from 373m, 19m @ 6.52 g/t**
								399	12	0.77	
								415	2	1.37	
								427	3	0.71	
								435	10	1.12	
								447	2	1.17	
								455	3	0.71	

								472	1	1.81	
								480	1	0.56	
								494.25	0.75	0.86	
								500	4	1.67	
								515	2	4.99	
BNED D0122A	Bankan NE	395780.219	1174939.362	386.82	85.78	-57.11	770.7	645.8	0.75	0.73	
								683	1	0.56	
								693	1	1.22	
								705	1	0.88	
								722	0.7	1.41	
								727	**14**	**2.94**	**14m @ 2.94 g/t incl from 736m, 3m @ 9.88 g/t**
								745	2	2.38	
								752	1	0.53	
								757	4	2.01	
BNED D0123	Bankan NE	396600.311	1175978.772	389.401	88.14	-54.09	211.9	117	14	0.74	
								141	2	0.74	
								156	2	0.75	
								162	2	0.82	
								166	4	0.63	
								177	2	0.77	
								190	2	4.21	
								205	1	0.56	
BNED D0124A	Bankan NE	396521.148	1175099.228	419.637	84.96	-56.86	333.6	**205**	**65**	**2.76**	**65m @ 2.76 g/t incl 257.1m, 6m @ 13.15 g/t or from 261m, 3m @ 20.59 g/t**
								275	5	0.48	

								306	2	0.89	
								313	4.6	0.38	
								319	10	0.6	

TABLE 2 – BANKAN PROJECT – REVERSE CIRCULATION DRILL RESULTS

Hole No.	Prospect	UTM 29N East	UTM 29N North	RL (GPS)	Hole azimuth	Hole dip	Hole depth		0.5g/t gold cut-off		
									From	Interval (est true widths)	Au g/t
BNERC0091	Bankan NE	396886	1175020	462	89	-56	80	**7**	**12**	**1.08**	
								23	9	0.78	
								35	5	0.45	
								55	5	0.69	
								66	4	1.47	
BNERC0092	Bankan NE	396876	1175020	462	90	-56	76	**2**	**18**	**1.17**	
								25	3	1.72	
								32	5	0.61	
								50	2	0.95	
								55	1	0.98	
								68	2	1.12	
BNERC0093	Bankan NE	396868	1175021	462	90	-56	77	**7**	**25**	**2.54**	**Incl. 2m @ 17.2g/t Au from 11m**
								37	1	1.13	
								42	2	0.92	
								49	4	0.58	
								60	**10**	**1.57**	
BNERC0095A	Bankan NE	396848	1175020	462	93	-56	77	**6**	**49**	**2.12**	
								68	5	0.47	
BNERC0096	Bankan NE	396835	1175020	462	90	-55	81	**13**	**11**	**0.63**	
								28	13	0.87	
								63	**13**	**0.74**	
BNERC0097	Bankan NE	396826	1175020	461	90	-55	83	**7**	**5**	**0.69**	
								15	4	1.37	
								22	3	1.09	
								31	**23**	**1.37**	

								60	1	0.76	
								77	1	0.99	
BNERC0098	Bankan NE	396816	1175020	461	90	-55	90	14	6	0.6	
								33	**20**	**1.21**	
								65	6	1.03	
								75	**10**	**1.31**	
								89	1	0.87	Mineralised to eoh.
BNERC0099	Bankan NE	396806	1175020	461	90	-55	88	0	1	0.54	
								12	11	0.72	
								36	**19**	**2.45**	**Incl. 3m @ 7.68g/t Au from 50m**
								58	14	0.63	
								78	9	0.63	
BNERC0100	Bankan NE	396797	1175020	461	90	-55	94	13	1	1.35	
								19	10	0.67	Incl. 20-22m no sample
								45	8	1.12	
								56	7	0.99	
								74	14	0.65	
								92	2	0.99	Mineralised to eoh.
BNERC0101	Bankan NE	396787	1175020	461	90	-56	95	31	4	0.91	
								55	4	0.6	
								62	**13**	**1.15**	
								80	4	0.5	
								90	5	0.99	Mineralised to eoh.
BNERC0102	Bankan NE	396776	1175020	461	90	-54	100	**26**	5	0.81	
								35	4	1.3	
								59	**13**	**0.82**	
								76	**20**	**1.73**	**Incl. 1m @ 15g/t Au from 84m**
								99	1	6.48	Mineralised to eoh.
BNERC0103	Bankan NE	396945	1175100	459	91	-55	95	**3**	**13**	**2.49**	**Incl. 1m @ 10.2 g/t Au from 10m**
								31	1	1.19	
								52	6	0.45	
BNERC0104	Bankan NE	396935	1175100	459	88	-54	88	**2**	**20**	**3.25**	**Incl. 5m @ 8.1g/t Au from 13m**
								25	3	0.57	

								31	1	1.16	
								35	1	1.18	
								40	2	1.32	
								67	5	0.63	
BNERC0105	Bankan NE	396925	1175100	460	90	-55	87	**4**	**30**	**2.24**	**Incl. 4m @ 6.8g/t Au from 24m**
								84	2	0.68	
BNERC0108	Bankan NE	396896	1175100	460	90	-56	88	3	2	0.79	
								8	4	0.83	
								36	**24**	**3.18**	**Incl. 5m @ 6.88g/t Au from 43m**
								86	2	0.83	Mineralised to eoh.
BNERC0109	Bankan NE	396885	1175100	460	90	-56	90	4	8	1.23	
								41	3	1.48	
								50	**15**	**2.7**	**Incl. 1m @ 21.6g/t Au from 54m**
BNERC0110	Bankan NE	396875	1175100	460	90	-58	92	**3**	**19**	**1.16**	
								25	**23**	**3.14**	**Incl. 1m @ 11.1 g/t Au from 31m & 4m @ 9.4g/t Au from 40m**
								52	**5**	**5.28**	**Incl. 3m @ 22.82g/t Au from 52m**
								60	**8**	**2.23**	**Incl. 1m @ 9.52g/t Au from 62m & 60-67m no sample**
								71	4	0.96	
								78	7	0.86	
BNERC0111	Bankan NE	396865	1175100	460	92	-56	97	**5**	**25**	**4.21**	**Incl. 1m @ 13.8g/t Au from 21m, 4m @ 18.41g/t Au from 26m & 11-12m no sample**
								49	**3**	**4.05**	
								58	1	1.03	
								68	**8**	**6.46**	**Incl. 4m @ 11.96g/t Au from 70m**

								79	4	1.53	
								86	1	4.2	
								91	1	0.8	
BNERC0112	Bankan NE	396855	1175100	460	91	-55	97	5	12	0.63	
								20	**18**	**1.19**	
								47	1	1.08	
								55	1	1.34	
								62	**6**	**3.11**	**Incl. 2m @ 7.9g/t Au from 62m**
								77	5	1.31	
BNERC0113	Bankan NE	396846	1175100	460	90	-56	103	**3**	**17**	**0.74**	
								37	**10**	**2.81**	
								59	**16**	**0.91**	
								78	1	1.02	
								82	**9**	**3.32**	
BNERC0114	Bankan NE	396836	1175100	460	93	-55	94	3	5	0.5	
								15	6	0.97	
								29	4	1.77	
								38	4	0.85	
								46	**9**	**2.68**	
								63	**10**	**1.01**	
								77	**17**	**1.88**	**Mineralised to eoh.**
BNERC0115	Bankan NE	396826	1175100	460.5	89	-55	102	**15**	**17**	**0.78**	
								47	5	1.09	
								58	1	1.77	
								64	2	1.23	
								71	2	3.89	
BNERC0116	Bankan NE	396816	1175100	460.5	89	-54	104	8	6	0.83	
								6	2	0.34	
								20	**18**	**0.65**	
								45	4	0.49	
								55	10	0.93	
								72	5	1.2	
BNERC0117A	Bankan NE	396802.729	1175100.067	430.65	88.89	-54.09	80	8	2	1.03	
								13	3	0.79	
								21	**22**	**1.21**	**22m @ 1.21 g/t**
								47	**13**	**1.62**	**13m @ 1.62 g/t**
								64	7	0.91	
								76	4	0.57	

BNERC0118	Bankan NE	396795.465	1175099.82	430.456	89.86	-54.75	110	**4**	**48**	**0.94**	**48m @ 0.94 g/t**
								56	1	0.65	
								61	5	0.94	
								74	1	0.83	
								78	16	0.94	
								100	2	0.71	
BNERC0119	Bankan NE	396785.829	1175099.898	430.556	89.83	-54.84	114	7	4	0.92	
								19	7	1.07	
								30	33	0.87	
								68	1	0.59	
								81	19	2.28	**19m @ 2.28 g/t incl from 97m, 3m @ 10.5 g/t**
								110	1	0.61	
BNERC0120	Bankan NE	396775.95	1175100.061	430.438	91.04	-53.5	89	6	61	0.91	**61m @ 0.91 g/t**
								73	3	0.78	
BNERC0121	Bankan NE	396946.018	1175059.91	430.223	89.75	-55.94	88	0	13	0.86	
BNERC0122	Bankan NE	396936.395	1175059.861	430.216	89.53	-55.64	88	3	11	1.06	
								18	1	0.51	
								33	1	1.07	
								43	2	0.85	
BNERC0123	Bankan NE	396926.083	1175059.975	430.238	90.17	-55.31	87	1	14	2.14	**14m @ 2.14 g/t incl from 7m, 5m @ 4.03 g/t**
								25	7	0.9	
								45	2	0.64	
								50	3	0.6	
BNERC0124	Bankan NE	396915.666	1175059.952	430.387	89.14	-55.68	82	**4**	**29**	**3.53**	**29m @ 3.53 g/t incl from 16m, 8m @ 9.23g/t**
								16	**8**	**9.23**	**8m @ 9.23 g/t**
								52	3	4.09	
								67	**14**	**2.9**	**14m @ 2.9 g/t**
BNERC0125	Bankan NE	396905.293	1175059.97	430.865	88.56	-54.89	82	**2**	**47**	**1.76**	**47m @ 1.76 g/t incl from 18m, 18m @ 3.43 g/t**

BNERC0126	Bankan NE	396896.032	1175060.271	430.885	88.56	-54.89	82	**2**	**47**	**1.44**	**47m @ 1.44 g/t**
								57	1	0.79	
BNERC0127	Bankan NE	396885.215	1175060.023	430.877	89.88	-54.67	78	2	1	0.51	
								7	13	1.06	**13m @ 1.06 g/t**
								27	10	1.62	**10m @ 1.62 g/t**
								41	13	1.52	**13m @ 1.52 g/t**
								57	1	1.56	
								63	4	0.61	
								77	1	0.77	
BNERC0128	Bankan NE	396875.546	1175060.317	430.862	90.07	-55.16	76	11	4	0.49	
								19	3	0.97	
								30	**27**	**1.97**	**27m @ 1.97 g/t**
								60	1	0.7	
								66	6	1.07	
BNERC0129	Bankan NE	396865.61	1175060.106	430.677	91.55	-55.64	80	6	15	0.62	
								37	**7**	**1.11**	**7m @ 1.11 g/t**
								47	**18**	**2.82**	**18m @ 2.82 g/t**
								69	1	1.51	
								73	1	0.95	
								79	1	1.13	
BNERC0130	Bankan NE	396855.385	1175060.323	430.896	89.53	-55.26	84	**9**	**21**	**2.82**	**21m @ 2.82 g/t**
								34	10	0.96	
								55	**21**	**3.78**	**21m @ 3.78 g/t incl from 56m, 14m @ 5.29 g/t**
BNERC0131	Bankan NE	396845.2	1175059.907	430.583	89.32	-55.46	87	**8**	**19**	**1.01**	**19m @ 1.01 g/t**
								42	**16**	**1.01**	**16m @ 1.01 g/t**
								65	**12**	**2.16**	**12m @ 2.16 g/t**
								81	2	1.01	
BNERC0132	Bankan NE	396835.493	1175060.069	430.748	91.01	-54.44	91	**2**	**36**	**1.13**	**36m @ 1.13 g/t**
								44	**19**	**1.24**	**19m @ 1.24 g/t**

								68	**23**	**1.86**	**23m @ 1.86 g/t**
BNERC0133	Bankan NE	396825.729	1175060.106	432.724	87.72	-55.23	94	6	6	0.66	
								16	1	2.21	
								21	**20**	**1.5**	**20m @ 1.5 g/t**
								47	8	0.76	
								60	1	3.51	
								73	3	1.75	
								82	4	0.91	
								90	1	0.53	
BNERC0134		396816.217	1175060.107	432.929	88.27	-54.87	100	1	3	0.77	
								10	14	0.69	
								29	**17**	**2.25**	**17m @ 2.25 g/t**
								50	9	0.93	
								72	1	1.26	
								81	3	0.69	
								88	11	1.66	
BNERC0135	Bankan NE	396806.276	1175060.046	433.07	89.85	-55.36	102	**9**	**93**	**1.35**	**93m @ 1.35 g/t incl from 30m, 8m @ 3.93 g/t**
BNERC0136	Bankan NE	396795.881	1175059.931	433.194	88.27	-54.87	107	10	2	0.78	
								16	65	1.33	**65m @ 1.33 g/t**
								87	8	0.52	
								103	4	1.96	
BNERC0137	Bankan NE	396785.867	1175059.942	433.326	90.64	-55.5	107	0	2	2.74	
								7	1	0.63	
								13	**48**	**0.99**	**48m @ 0.99 g/t**
								66	**18**	**2.08**	**18m @ 2.08 g/t**
								88	**10**	**2.02**	**10m @ 2.02 g/t**
BNERC0138	Bankan NE	396775.817	1175060.063	433.268	92.69	-54.59	112	22	5	0.63	
								31	12	0.72	
								48	**19**	**1.18**	**19m @ 1.18 g/t**
								72	23	0.97	
								107	1	0.95	
								111	1	0.7	

BNERC0139	Bankan NE	396935.405	1174980.046	431.166	88.14	-54.32	200	3	12	0.97	
								110	8	0.86	
								151	9	1.41	
								170	1	0.74	
BNERC0140	Bankan NE	396884.861	1174980.05	432.156	88.08	-54.58	200	8	28	0.84	28m @ 0.84 g/t
								44	3	0.84	
								58	1	1.13	
								173	1	0.51	
BNERC0141	Bankan NE	396834.885	1174980.032	431.495	87.89	-54.96	200	10	6	1.02	
								21	2	2.35	
								28	**20**	**1.18**	**20m @ 1.18 g/t**
								52	7	0.83	
								78	2	0.91	
								84	**13**	**1.97**	**13m @ 1.97 g/t**
								119	1	0.53	
								138	1	0.5	
								186	7	0.75	
								198	1	0.68	
BNERC0142	Bankan NE	396784.317	1174980.543	432.774	87.17	-54.79	200	27	3	1.27	
								43	4	0.42	
								50	1	0.78	
								56	**50**	**1.44**	**50m @ 1.44 g/t**
								116	1	1.19	
								121	**22**	**1.01**	**22m @ 1.01 g/t**
								193	1	0.5	
BNERC0143	Bankan NE	396735.57	1174979.922	432.26	90.01	-52.68	200	43	1	0.72	
								69	1	0.66	
								75	**36**	**1.63**	**36m @ 1.63 g/t**
								129	4	0.68	
								139	1	0.66	
								144	1	0.63	
								149	2	0.6	
								157	4	1.24	
								188	**5**	**3.58**	**5m @ 3.58 g/t**

BNERC0144	Bankan NE	396936.534	1175139.992	427.357	89.7	-53.78	198	**0**	**51**	**1.55**	**51m @ 1.55 g/t incl from 28m, 5m @ 6.84 g/t**
								28	**5**	**6.84**	**5m @ 6.84 g/t**
								72	1	0.5	
								98	1	0.5	
								129	3	0.62	
								149	1	0.6	
BNERC0145	Bankan NE	396885.558	1175140.298	427.96	87.2	-52.32	200	5	5	1.08	
								16	2	2.68	
								29	1	0.82	
								44	2	0.91	
								61	**19**	**1.64**	**19m @ 1.64 g/t**
BNERC0146	Bankan NE	396836.141	1175140.25	428.263	89.23	-56.62	200	4	10	0.65	
								37	2	1.74	
								43	7	0.53	
								58	3	0.74	
								64	6	2.03	
								86	1	0.71	
								97	2	1.08	
								105	**13**	**1.5**	**13m @ 1.5 g/t**
								124	1	0.67	
								129	4	1.58	
								193	1	0.57	
BNERC0147	Bankan NE	396785.445	1175139.781	429.624	92.15	-52.48	200	5	2	0.77	
								16	**29**	**3.84**	**29m @ 3.84 g/t incl from 20m, 5m @ 11.67 g/t**
								77	13	0.5	
								93	1	0.97	
								99	4	1.07	
								107	1	1.51	
								135	8	0.88	
								153	9	1.1	
BNERC0148	Bankan NE	396735.822	1175140.088	429.363	86.29	-55.63	200	2	1	0.61	
								10	1	0.5	

								37	4	0.87	
								53	**36**	**1.31**	**36m @ 1.31 g/t**
								107	2	0.93	
								126	**22**	**1.8**	**22m @ 1.8 g/t**
								157	2	1.5	
								171	**9**	**1.48**	**9m @ 1.48 g/t**
BNERC0149	Bankan NE	396938.746	1175216.326	423.005	85.97	-54.5	200	**0**	**10**	**1.59**	**10m @ 1.59 g/t**
								17	10	0.57	
								35	**14**	**1.39**	**14m @ 1.39 g/t**
								57	2	1.59	
								110	1	0.53	
								122	1	0.8	
BNERC0155	Bankan NE	396935.467	1175030.035	431.068	88.85	-55.68	90	0	9	0.61	
								18	2	1.49	
								25	1	0.66	
								49	1	0.58	
								87	1	0.68	
BNERC0156	Bankan NE	396925.925	1175029.876	431.198	89.32	-55.13	90	4	8	1.14	
								16	4	1.25	
								51	1	0.83	
								62	1	1.44	
BNERC0157	Bankan NE	396915.844	1175029.986	431.368	90.87	-55.64	88	**0**	**21**	**1.8**	**21m @ 1.8 g/t**
								26	1	1.3	
								46	1	0.92	
								70	1	2.3	
BNERC0158	Bankan NE	396905.553	1175029.945	431.357	89.55	-54.37	80	**9**	**16**	**1.85**	**16m @ 1.85 g/t**
								60	1	2.13	
								66	**2**	**16.92**	**2m @ 16.92 g/t**
BNERC0159	Bankan NE	396896.009	1175030.06	431.586	89.55	-54.37	84	**3**	**20**	**0.78**	**20m @ 0.78 g/t**
								27	5	0.69	
								50	1	1.01	
								80	2	0.95	
BNERC0160	Bankan NE	396885.317	1175030.095	431.685	90.03	-55.07	84	**5**	**25**	**1.49**	**25m @ 1.49 g/t**
								40	5	0.61	

BNERC0161	Bankan NE	396875.587	1175029.966	431.728	93	-56.04	88	**6**	**30**	**1.66**	**30m @ 1.66 g/t incl from 21m, 3m @ 5.36 g/t**
								40	**5**	**1.66**	**5m @ 1.66 g/t**
								50	**8**	**1.68**	**8m @ 1.68 g/t**
								69	3	0.84	
BNERC0162	Bankan NE	396865.705	1175030.217	431.544	89.84	-55.1	84	**5**	**42**	**2.17**	**42m @ 2.17 g/t incl from 31m, 4m@11.38 g/t**
								52	1	0.6	
								56	1	0.6	
								62	6	0.56	
								74	2	1.51	
								79	1	0.54	
BNERC0163	Bankan NE	396855.647	1175030.204	431.442	88.12	-55.14	84	**8**	**21**	**0.81**	**21m @ 0.81 g/t**
								42	**26**	**1.78**	**26m @ 1.78 g/t**
								75	**7**	**1.79**	**7m @ 1.79 g/t**

TABLE 3 - JORC CODE – DIAMOND AND RC DRILLING

Section 1: Sampling Techniques and Data		
Criteria	**JORC Code Explanation**	**Commentary**
Sampling Technique	Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples	Samples assayed were cut drill core and reverse circulation (RC) drill chips. Core was cut in half with a core saw where competent and with a knife in soft saprolite in the upper sections of the diamond drill holes. One metre RC chip samples were riffle split producing samples which weighed 2-3kg for submission to the assay laboratory. Duplicate samples were also retained for re-assay. Sampling was supervised by qualified geologists. Samples were dried, crushed and pulverised at the SGS laboratory in Bamako to produce a 50g fire assay charge.

	from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	
Drilling	Drill type (eg core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face- sampling bit or other type, whether core is oriented and if so, by what method, etc).	Drill types are 3 diamond drill rigs collecting PQ, HQ and NQ core and a separate reverse circulation rig using a 118mm diameter reverse circulation hammer.
Drill Sample Recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Drill core: Sample recoveries were measured in the normal way for diamond drill core. Core recoveries were generally excellent except for the saprolite where some core loss was experienced owing to clayey core being washed out in the diamond drilling process. Given that most of these saprolite core loss zones were obtained in mineralised intervals, grade is probably underestimated in those sections as zones of core loss are assumed to contain no gold. Significant sample bias is not expected with cut core. RC chips: Each 1 metre drill sample was weighed. Sample recoveries were in general high and no unusual measures were taken to maximise sample recovery. Significant sample bias is not expected with riffle splitting of RC chips.
Logging	Whether core and chip samples have been geologically and geotechnical logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean/Trench, channel, etc) photography. The total length and percentage of the relevant intersections logged.	All drill samples were logged systematically for lithology, weathering, alteration, veining, structure and minor minerals. Minor minerals were estimated quantitively. A core orientation device was employed enabling orientated structural measurements to be taken.
Sub-Sampling Technique and Sample Preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled,	The diamond drill samples were collected by longitudinally splitting core using a core saw or a knife where core was very soft and clayey. Half of the core was sent off to the laboratory for assay. The

	rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	sampling method is considered adequate for a diamond drilling program of this type. The RC samples were collected by riffle splitting samples from large bags collected directly from the cyclone on the drill rig. Sample condition is generally dry or moist, however some samples are wet. One field duplicate was taken and assayed every 50m. The sampling method is considered adequate for an RC drilling program of this type.
Quality of Assay Data and Laboratory Tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	All samples were assayed by SGS technique FAA505 for gold with a detection limit of 5ppb Au. All samples with gold values exceeding 10g/t Au were re-assayed using SGS method FAA515 with a detection limit of 0.01g/t Au. Field duplicates, standards and blank samples were each submitted for every 15 samples on a rotating basis. Diamond core duplicates were obtained by cutting the half core sample into two quarter core samples. As samples are not homogenised some variation is expected. Duplicate and standards analyses were all returned were within acceptable limits of expected values.
Verification of Sampling and Assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes The verification of significant intersections by either independent or alternative company personnel. Discuss any adjustment to assay data	At this stage, the intersections have not been verified independently. No twin holes were drilled in the holes reported here but some drilling has been done previously sufficiently close to a previously drilled holes to provide confirmation of the location of mineralisation. Specifically KKODD002 was drilled close to Air Core Hole KKOAC001 and demonstrated that that similar, consistent gold mineralisation was present in the near surface.
Location of Data points	Accuracy and quality of surveys used to locate drill holes (collar and down- hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used Quality and adequacy of topographic control	Drill hole collar locations were recorded at the completion of each hole by hand-held GPS. Positional data was recorded in projection WGS84 Zone 29N. Hole locations will be re-surveyed using a digital GPS system at completion of program.
Data Spacing and Distribution	Data spacing for reporting of Exploration Results Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied	The diamond and RC drill holes were designed to explore the gold mineralised system in fresh rock. Single DD holes are in the process of being drilled on most 80m spaced sections in the 1km long zone tested previously with RC drilling. The adequacy of the current drill hole spacing for Mineral Resource estimation is not yet known as an appropriate understanding of mineralisation continuity has not yet been established

Orientation of Data in Relation to Geological Structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	There is very limited outcrop in the immediate area but based on the small number of geological observations and the overall strike of the anomaly, an east west line orientation with holes inclined to the west was considered most likely to test the target mineralised zone. Results from earlier drilling has now determined that the overall dip of the gold mineralised envelope is to the west. All drill holes reported in this release were drilled from west to east to obtain true widths through the gold mineralisation.
Sample Security	The measures taken to ensure sample security	Core trays and RC chips are stored in a guarded location close to the nearby Bankan Village. Coarse rejects and pulps will be eventually recovered from SGS in Bamako and stored at Predictive's field office in Kouroussa.
Audits or Reviews	The results of any audits or reviews of sampling techniques and data	No reviews or audits of sampling techniques were conducted.
Section 2 Reporting of Exploration Results		
Mineral Tenement and Land Tenure Status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Kaninko Reconnaissance Authorisation was granted to a Predictive subsidiary in Guinea in June 2019. It was converted to an Exploration Permit in early October 2019. It is 100% owned by Predictive.
Exploration Done by Other Parties	Acknowledgment and appraisal of exploration by other parties.	Predictive is not aware of any significant previous gold exploration over the permit.
Geology	Deposit type, geological setting and style of mineralisation.	The geology of the Kaninko permit consists of felsic intrusives including granite and tonalite, with mafic to intermediate volcanics and intrusives. Metasediments including marble, chert and schists have also been observed.
Drill Hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: • easting and northing of the drill hole collar • elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar • dip and azimuth of the hole • down hole length and interception depth • hole length • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	See Table 1 and the accompanying notes in these tables.
Data Aggregation Methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or	Diamond and RC drill sampling was generally in one metre intervals.

	minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated.	Up to 2m (down-hole) of internal waste is included for results reported at both the 0.25g/t Au and 0.5g/t Au cut-off grades. Mineralised intervals are reported on a weighted average basis.
Relationship Between Mineralisation Widths and Intercept Lengths	These relationships are particularly important in the reporting of Exploration Results If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	True widths have only been estimated for the three west to east diamond drill holes. The overall orientation of mineralised zones on the other drilled lines is not yet properly understood.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	An appropriate map and cross sections are included in this release (Figures 1-4).
Balanced Reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	Comprehensive reporting of the drill results is provided in Table 1.
Other Substantive Exploration Data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All other exploration data on this area has been reported previously by PDI.
Further Work	The nature and scale of planned further work (eg tests for lateral extensions or large scale step out drilling. Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	These results form part of a large ongoing program of RC and diamond drilling. Geological studies will continue to be conducted to characterise the gold mineralisation going forward.