predictive discovery

ASX Announcement

19 March 2020

# HIGH GOLD GRADES AND BROAD MINERALISED WIDTHS FROM AUGER AND TRENCHING PROGRAMS AT KANINKO, GUINEA

## SUMMARY


- Final assays received from 3,178m of shallow power auger drilling and 490m of trenching completed at Predictive Discovery's (ASX: PDI) 100%-owned Kaninko Project, located In Guinea.
- Soil sampling, power auger and trenching programs completed on the Bankan Creek and North-East Bankan Prospects have identified **two, large prospective gold mineralised zones,** in readiness for a 2,500m Air Core/Reverse Circulation (AC/RC) drilling program commencing shortly.


## NORTH-EAST BANKAN PROSPECT

- New assays received from bottom-of-hole power auger samples returned some higher grade gold values than the shallower composite results reported previously[1], including **11.90g/t gold** (previous result – 7.83g/t gold) and **10.30g/t gold** (previous result - 0.43g/t gold).
- The above, high-grade power auger assays were obtained close to the northern and southern limits of the previously reported **12.8 ha anomaly**[1], indicating potential to find more of the same mineralisation along strike to the north and south.
- **1,200m of angled AC/RC drilling**, testing beneath the better power auger values, is scheduled to commence shortly.

## BANKAN CREEK PROSPECT

- 490m of trenching has revealed broad widths of gold mineralisation at shallow depths. Best results are:
  - **18m at 1.60 g/t gold** (open to the north)
  - **37m at 0.94g/t gold**
  - **1m at 15.45g/t gold.**
- Power auger drilling across the Bankan Creek prospect obtained a best intercept of **2.49g/t gold** from a bottom of hole sample.
- Interpretation of the trench and power auger results along with surface sampling and geological mapping has identified a **350m long, 100m wide** zone for follow up drilling. **900m of angled AC/RC drilling** is planned to test this zone, following the North-East Bankan drill program**.**

[1] *ASX Announcement – Up to 8g/t Gold from Power Auger Drilling in Guinea*
*https://www.investi.com.au/api/announcements/pdi/07ea4287-530.pdf*


T +61 8 9216 1020 F +61 9321 4692
Level 2, 33 Ord Street, West Perth WA 6005

**Commented Paul Roberts, Predictive Discovery Managing Director:**

*"We are very pleased with the ongoing excellent gold exploration results from Kaninko. We are now able to start drilling two highly promising targets at Bankan Creek and North-East Bankan and we look forward with great anticipation to the drill results.*

*Kaninko was granted to Predictive less than 9 months ago. Since then, we have moved it forward from a greenfields tenement with no known history of past exploration to a property on which significant gold mineralisation has now been recognised - very rapid progress, especially after the normal wet season hiatus from July to October 2019.*

*We will announce further details of the imminent drilling program and other results from across the Predictive portfolio shortly."*

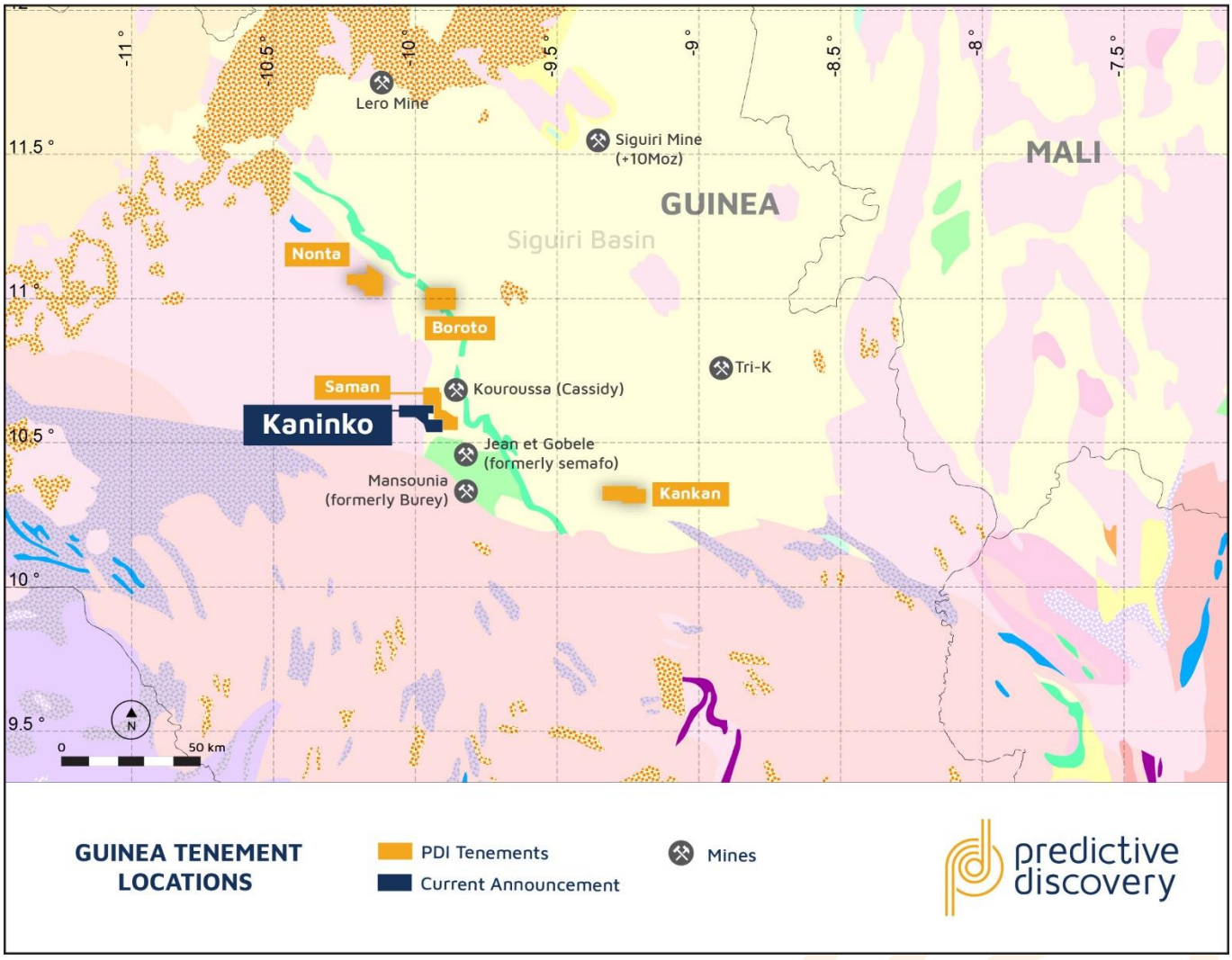


*Figure 1 – Predictive Discovery's Guinea Projects, highlighting the Kaninko permit*

Predictive Discovery Limited (**Predictive** or **Company**) is pleased to announce new results from a power auger drilling program completed at its 100%-owned Kaninko Project, located in Guinea.

Predictive holds approximately 500km$^2$ of prospective landholdings across five projects, all containing artisanal gold workings (Figure 1). All five projects are within the Siguiri Basin which hosts Anglogold's large Siguiri Mine (+10Moz). The Guinea projects were identified by Predictive during its terrain-scale assessment of the Siguiri Basin in late 2018 using the Company's Predictore$^{TM}$ gold targeting system.

Early exploration has confirmed the Siguiri Basin as being both highly prospective for gold mineralisation and underexplored. The area is part of the richly mineralised West African Birimian gold belt and consists largely of metasediments with minor granitic rocks, metavolcanics and mafic to ultramafic intrusives.

In only 15 months, the Company has completed numerous early stage exploration programs including soil geochemical sampling, BLEG stream sediment sampling, ground geophysical surveys, rock-chip sampling, power auger drilling, trenching and mapping across the Kankan, Nonta, Kaninko and Boroto Projects.

## NORTH-EAST BANKAN POWER AUGER DRILL RESULTS (DETAILED)

Power auger drilling is a rapid and cost-effective exploration method for the collection of bedrock samples below tracts of lateritic and transported cover. The auger holes in the current drill program tested the North-East Bankan and Bankan Creek Prospects, two large gold-anomalous zones identified through previously completed soil, laterite and saprolite sampling programs.

The new power auger results from North-East Bankan were bottom-of-hole samples collected from an average depth of 18-19m and assayed at the SGS laboratory in Bamako, Mali. Importantly, assays of some of these samples improved significantly on the previously reported, shallower power auger composite samples, providing additional evidence of the potential of the newly discovered mineralised zone at depth (Figure 2). Significant increases relative to the previously recorded values included **11.9g/t gold** (previously 7.83g/t Au), **10.3g/t gold** (previously 1.43g/t gold) and **1.47g/t gold** (previously 0.07g/t Au).

The earlier results[2] outlined a new high-tenor gold anomaly 450m long and up to 300m wide, defined by 18 holes, each with assay values exceeding 0.25g/t gold. All holes drilled penetrated the overlying laterite into mottled clay and saprolite with composite sample results including peak grades of **7.83g/t gold, 4.84g/t gold, 2.27g/t gold and 1.69g/t gold.**

Details of the new sampling results are provided in Table 1.

[2] *ASX Announcement – Up to 8g/t Gold from Power Auger Drilling in Guinea*
*https://www.investi.com.au/api/announcements/pdi/07ea4287-530.pdf*

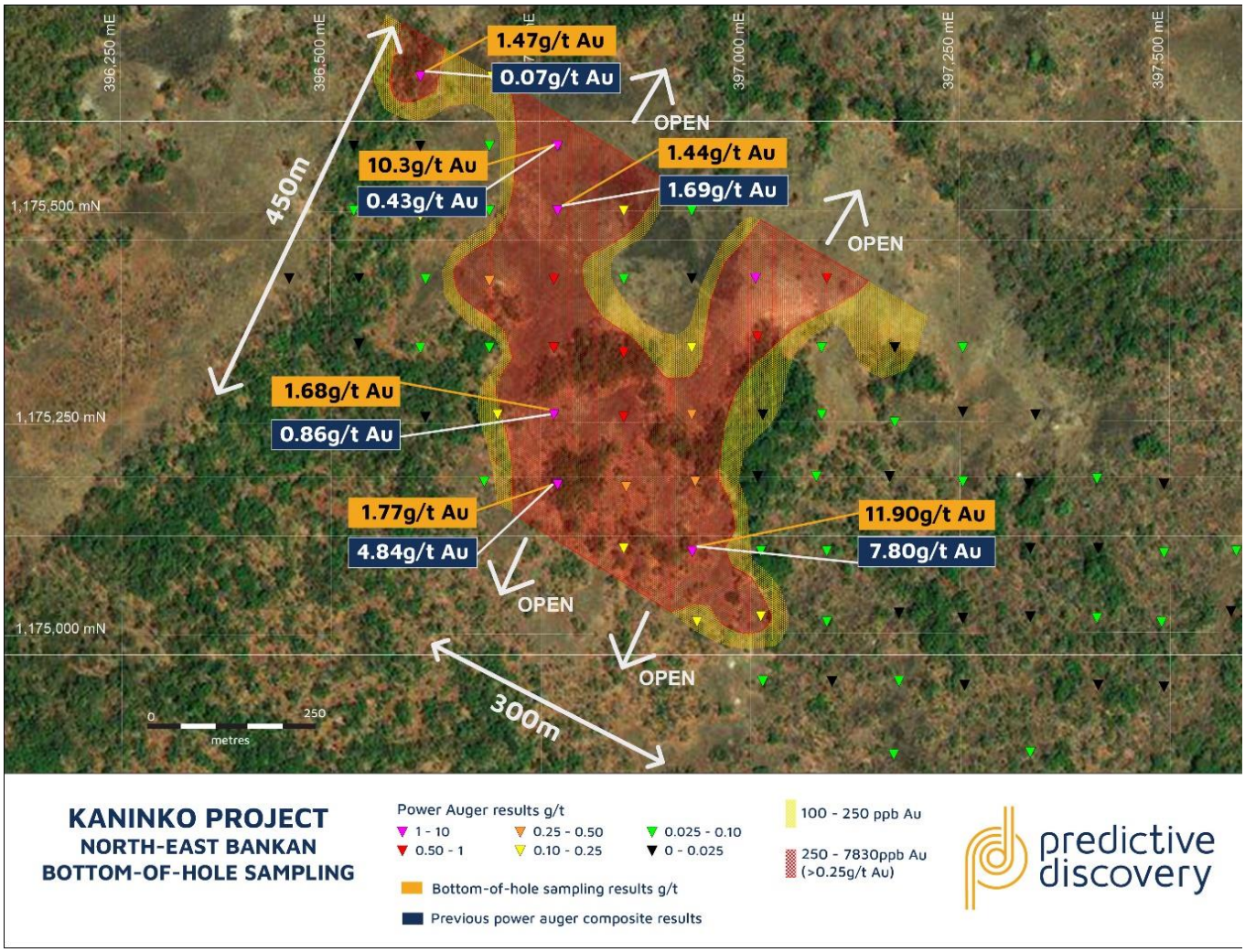


*Figure 2 – North-East Bankan Prospect power auger results*

## BANKAN CREEK POWER AUGER DRILLING AND TRENCHING RESULTS (DETAILED)

### Power Auger

114 holes, totalling 1,627m, were completed on an 80m x 80m grid. Assay results were obtained from bottom of hole samples from an average depth of 13-14m. At this prospect, given that it is at a lower elevation than North-East Bankan, it is not completely clear that all the assayed clay-rich drill samples were deeply weathered bedrock. Some holes may have drilled lateritised alluvial clays, possibly derived from the nearby Bankan Creek or the Niger River to the south.

The highest value obtained from this program was **2.49g/t gold** (Figure 3).

Details of the new power auger drill results are provided in Table 1.

**Trenching**

A deep trenching program was carried out using an excavator in February-March 2020. The aim was to allow continuous sampling of the mineralised system which is partially exposed in the Bankan Creek artisanal site, and to map the geology of quartz veins and other structures to guide the planned drilling program. 490m of trench was excavated and sampled (Figure 3). Samples were analysed by fire assay at the SGS laboratory in Bamako.

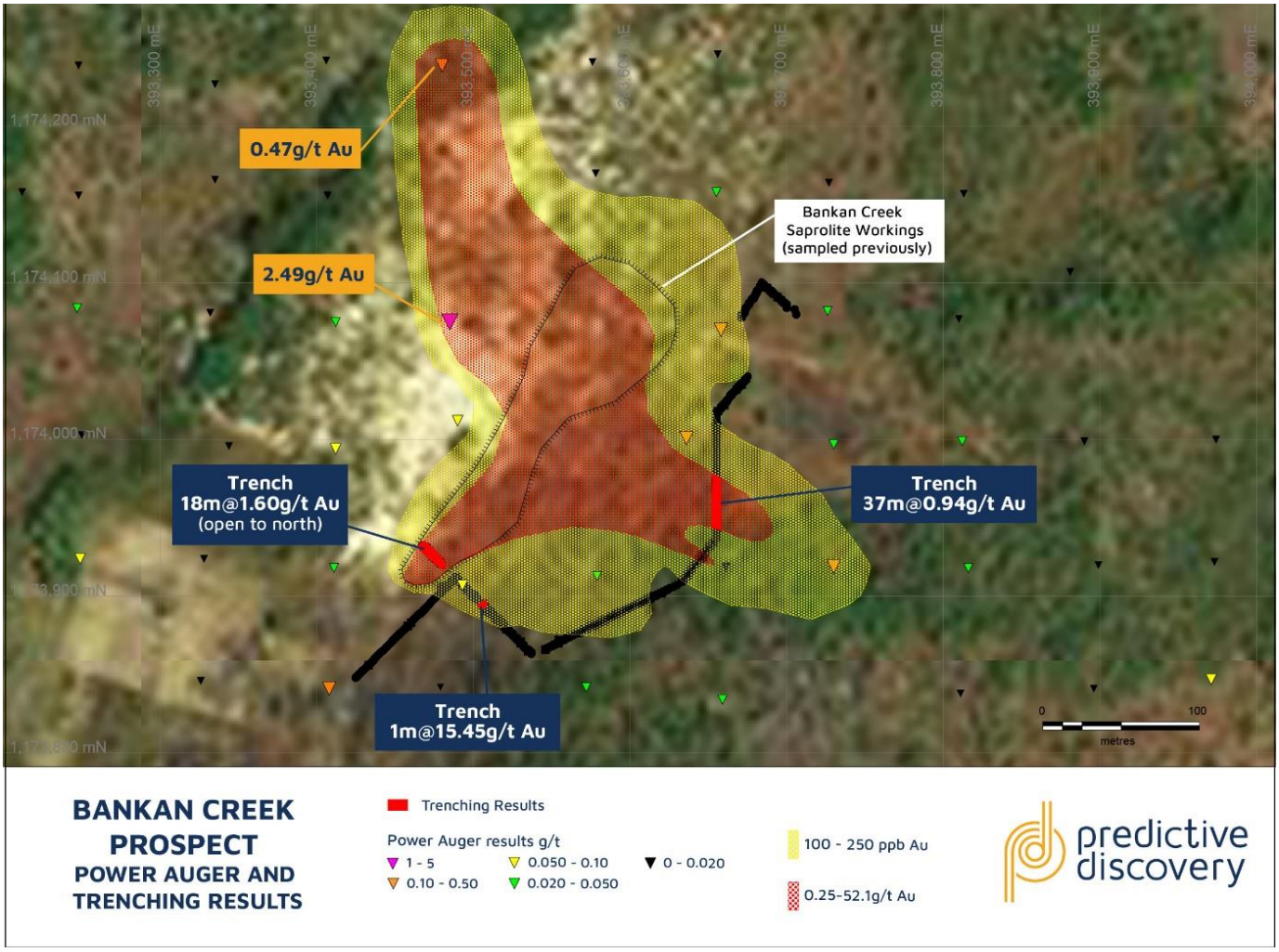


*Figure 3 –Bankan Creek power auger and trenching results*

Trenching through the south-western end of the known workings obtained **18m @ 1.60g/t gold** (Figure 3). The trench stopped in gold mineralisation as it could not be advanced further to the north-west in the presence of collapsing wet saprolite. A second trench orientated roughly parallel to and 100m further to the south-east of the known workings obtained **37m @ 0.94g/t gold**, providing evidence of a broad width of continuous gold mineralisation, which bodes well for the upcoming drilling program.

The combination of trenching, power auger drilling, surface sampling and geological mapping has provided good evidence for a 350m-long north-north-west drill target to test. This will be drilled with 900m of shallow angled AC/RC drilling immediately after completion of the North East Bankan program.

The drilling and trenching program was undertaken by Sahara Mining Services and the samples were assayed at the SGS laboratory in Bamako, Mali.

Details of all the holes including assay results are provided in Table 2, with a summary of the trenching results provided in Table 2.

## NEXT STEPS – AC/RC DRILLING PROGRAM

A combined Reverse Circulation and Air-Core drilling program is imminent (Figure 4) with a minimum of 2,500m to be completed across the North-East Bankan and Bankan Creek prospects along with at least one target on the Kankan Permit. The Company will announce further details of the drilling program shortly.


*Figure 1 – Drill plan for upcoming AC/RC drilling program at the Kaninko Project, targeting the North-East Bankan and Bankan Creek Targets.*

# TABLE 1 – POWER AUGER RESULTS, KANINKO PERMIT

| Hole ID | Prospect | Easting (UTM, 29N) | Northing (UTM, 29N) | Inclination | RL | Depth | Depth From (m) | Interval | Gold (ppb) | *Previously reported composite values gold (ppb)* |
|---|---|---|---|---|---|---|---|---|---|---|
| KKOAU0001 | NE Bankan | 397568 | 1175028 | Vertical | 416 | 21 | 19 | 2 | 11 | *38* |
| KKOAU0002 | NE Bankan | 397575 | 1175096 | Vertical | 415 | 21 | 20 | 1 | 31 | *24* |
| KKOAU0003 | NE Bankan | 397489 | 1175177 | Vertical | 419 | 21 | 20 | 1 | 14 | *8* |
| KKOAU0004 | NE Bankan | 397486 | 1175096 | Vertical | 421 | 22 | 21 | 1 | 25 | *25* |
| KKOAU0005 | NE Bankan | 397486 | 1175014 | Vertical | 426 | 21 | 20 | 1 | 1 | *53* |
| KKOAU0006 | NE Bankan | 397488 | 1174937 | Vertical | 424 | 23 | 22 | 1 | 44 | *8* |
| KKOAU0007 | NE Bankan | 397410 | 1174940 | Vertical | 433 | 25 | 24 | 1 | 1 | *12* |
| KKOAU0008 | NE Bankan | 397408 | 1175019 | Vertical | 425 | 23 | 22 | 1 | 12 | *56* |
| KKOAU0009 | NE Bankan | 397409 | 1175101 | Vertical | 420 | 21 | 20 | 1 | 1 | *10* |
| KKOAU0010 | NE Bankan | 397406 | 1175182 | Vertical | 421 | 19 | 18 | 1 | 26 | *44* |
| KKOAU0011 | NE Bankan | 397337 | 1175260 | Vertical | 420 | 17 | 16 | 1 | 1 | *17* |
| KKOAU0012 | NE Bankan | 397328 | 1175179 | Vertical | 415 | 19 | 18 | 1 | 1 | *7* |
| KKOAU0013 | NE Bankan | 397330 | 1175102 | Vertical | 427 | 19 | 18 | 1 | 10 | *16* |
| KKOAU0014 | NE Bankan | 397331 | 1175021 | Vertical | 425 | 23 | 22 | 1 | 50 | *11* |
| KKOAU0015 | NE Bankan | 397328 | 1174861 | Vertical | 428 | 23 | 22 | 1 | 63 | *32* |
| KKOAU0016 | NE Bankan | 397250 | 1174779 | Vertical | 426 | 23 | 22 | 1 | 6 | *16* |
| KKOAU0017 | NE Bankan | 397249 | 1174859 | Vertical | 431 | 23 | 22 | 1 | 1 | *173* |
| KKOAU0018 | NE Bankan | 397252 | 1174942 | Vertical | 435 | 23 | 22 | 1 | 1 | *16* |
| KKOAU0019 | NE Bankan | 397251 | 1175019 | Vertical | 430 | 23 | 22 | 1 | 7 | *13* |
| KKOAU0020 | NE Bankan | 397253 | 1175104 | Vertical | 426 | 19 | 18 | 1 | 1 | *13* |
| KKOAU0021 | NE Bankan | 397249 | 1175180 | Vertical | 422 | 19 | 18 | 1 | 7 | *49* |
| KKOAU0022 | NE Bankan | 397251 | 1175262 | Vertical | 409 | 17 | 16 | 1 | 20 | *22* |
| KKOAU0023 | NE Bankan | 397249 | 1175339 | Vertical | 408 | 15 | 14 | 1 | 14 | *27* |
| KKOAU0024 | NE Bankan | 397171 | 1175338 | Vertical | 412 | 17 | 16 | 1 | 225 | *38* |
| KKOAU0025 | NE Bankan | 397170 | 1175250 | Vertical | 418 | 17 | 16 | 1 | 18 | *28* |
| KKOAU0026 | NE Bankan | 397163 | 1175186 | Vertical | 422 | 18 | 17 | 0 | 15 | *15* |
| KKOAU0027 | NE Bankan | 397170 | 1175097 | Vertical | 430 | 19 | 18 | 1 | 23 | *18* |
| KKOAU0028 | NE Bankan | 397172 | 1175026 | Vertical | 435 | 21 | 20 | 1 | 12 | *13* |
| KKOAU0029 | NE Bankan | 397173 | 1174944 | Vertical | 437 | 23 | 22 | 1 | 188 | ***522*** |
| KKOAU0030 | NE Bankan | 397167 | 1174859 | Vertical | 428 | 23 | 22 | 1 | 27 | *34* |
| KKOAU0031 | NE Bankan | 397093 | 1174945 | Vertical | 427 | 25 | 24 | 1 | 18 | *16* |
| KKOAU0032 | NE Bankan | 397087 | 1175015 | Vertical | 432 | 23 | 22 | 1 | 47 | *55* |
| KKOAU0033 | NE Bankan | 397086 | 1175099 | Vertical | 432 | 21 | 20 | 1 | 94 | *41* |
| KKOAU0034 | NE Bankan | 397080 | 1175187 | Vertical | 427 | 17 | 16 | 1 | 226 | *296* |
| KKOAU0035 | NE Bankan | 397083 | 1175259 | Vertical | 426 | 15 | 14 | 1 | 43 | *38* |
| KKOAU0036 | NE Bankan | 397090 | 1175341 | Vertical | 424 | 13 | 12 | 1 | 25 | *37* |
| KKOAU0037 | NE Bankan | 397089 | 1175422 | Vertical | 408 | 13 | 12 | 1 | **539** | ***1320*** |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| KKOAU0038 | NE Bankan | 397006 | 1175421 | Vertical | 409 | 14 | 12 | 1 | **1160** | ***1160*** |
| KKOAU0039 | NE Bankan | 397007 | 1175350 | Vertical | 412 | 13 | 12 | 1 | **584** | *168* |
| KKOAU0040 | NE Bankan | 397015 | 1175261 | Vertical | 420 | 17 | 16 | 1 | 200 | *137* |
| KKOAU0041 | NE Bankan | 397008 | 1175187 | Vertical | 428 | 21 | 20 | 1 | 83 | *100* |
| KKOAU0042 | NE Bankan | 397012 | 1175101 | Vertical | 433 | 21 | 20 | 1 | 54 | *75* |
| KKOAU0043 | NE Bankan | 397008 | 1175021 | Vertical | 435 | 23 | 22 | 1 | 290 | *100* |
| KKOAU0044 | NE Bankan | 397011 | 1174944 | Vertical | 432 | 23 | 22 | 1 | 34 | *39* |
| KKOAU0045 | NE Bankan | 396933 | 1175018 | Vertical | 424 | 25 | 24 | 1 | 210 | *593* |
| KKOAU0046 | NE Bankan | 396927 | 1175099 | Vertical | 429 | 23 | 22 | 1 | **11900** | ***7830*** |
| KKOAU0047 | NE Bankan | 396930 | 1175182 | Vertical | 428 | 19 | 18 | 1 | 437 | *408* |
| KKOAU0048 | NE Bankan | 396928 | 1175262 | Vertical | 426 | 17 | 16 | 1 | 308 | *307* |
| KKOAU0049 | NE Bankan | 396929 | 1175339 | Vertical | 419 | 15 | 14 | 1 | 159 | *320* |
| KKOAU0050 | NE Bankan | 396928 | 1175422 | Vertical | 411 | 15 | 14 | 1 | 24 | *54* |
| KKOAU0051 | NE Bankan | 396929 | 1175500 | Vertical | 406 | 13 | 12 | 1 | 38 | *92* |
| KKOAU0052 | NE Bankan | 396849 | 1175501 | Vertical | 408 | 13 | 12 | 1 | 255 | ***2370*** |
| KKOAU0053 | NE Bankan | 396848 | 1175421 | Vertical | 410 | 15 | 14 | 1 | 93 | *140* |
| KKOAU0054 | NE Bankan | 396847 | 1175332 | Vertical | 419 | 17 | 16 | 1 | **950** | ***1300*** |
| KKOAU0055 | NE Bankan | 396847 | 1175258 | Vertical | 423 | 19 | 18 | 1 | **713** | *415* |
| KKOAU0056 | NE Bankan | 396851 | 1175178 | Vertical | 428 | 21 | 20 | 1 | 267 | *174* |
| KKOAU0057 | NE Bankan | 396849 | 1175104 | Vertical | 432 | 23 | 22 | 1 | 405 | ***759*** |
| KKOAU0058 | NE Bankan | 396769 | 1175578 | Vertical | 403 | 13 | 12 | 1 | **10300** | *429* |
| KKOAU0059 | NE Bankan | 396770 | 1175499 | Vertical | 409 | 15 | 14 | 1 | **1440** | ***1690*** |
| KKOAU0060 | NE Bankan | 396767 | 1175420 | Vertical | 409 | 17 | 16 | 1 | **811** | ***954*** |
| KKOAU0061 | NE Bankan | 396765 | 1175340 | Vertical | 415 | 19 | 18 | 1 | **804** | ***1150*** |
| KKOAU0062 | NE Bankan | 396765 | 1175261 | Vertical | 424 | 23 | 22 | 1 | **1680** | ***861*** |
| KKOAU0063 | NE Bankan | 396767 | 1175179 | Vertical | 435 | 23 | 22 | 1 | **1770** | ***4840*** |
| KKOAU0064 | NE Bankan | 396681 | 1175181 | Vertical | 431 | 25 | 24 | 1 | 83 | *27* |
| KKOAU0065 | NE Bankan | 396688 | 1175262 | Vertical | 421 | 27 | 26 | 1 | 226 | *122* |
| KKOAU0066 | NE Bankan | 396686 | 1175343 | Vertical | 419 | 21 | 20 | 1 | 58 | *340* |
| KKOAU0067 | NE Bankan | 396688 | 1175419 | Vertical | 422 | 17 | 16 | 1 | 259 | *127* |
| KKOAU0068 | NE Bankan | 396688 | 1175501 | Vertical | 415 | 17 | 16 | 1 | 42 | *19* |
| KKOAU0069 | NE Bankan | 396688 | 1175580 | Vertical | 406 | 15 | 14 | 1 | 41 | *107* |
| KKOAU0070 | NE Bankan | 396689 | 1175663 | Vertical | 400 | 15 | 14 | 1 | 193 | *89* |
| KKOAU0071 | NE Bankan | 396609 | 1175661 | Vertical | 393 | 13 | 12 | 1 | **1470** | *72* |
| KKOAU0072 | NE Bankan | 396604 | 1175580 | Vertical | 401 | 17 | 16 | 1 | 21 | *24* |
| KKOAU0073 | NE Bankan | 396606 | 1175499 | Vertical | 407 | 19 | 18 | 1 | 166 | *152* |
| KKOAU0074 | NE Bankan | 396612 | 1175420 | Vertical | 415 | 19 | 18 | 1 | 29 | *74* |
| KKOAU0075 | NE Bankan | 396607 | 1175340 | Vertical | 417 | 21 | 20 | 1 | 88 | *35* |
| KKOAU0076 | NE Bankan | 396609 | 1175259 | Vertical | 431 | 25 | 24 | 1 | 13 | *15* |
| KKOAU0077 | NE Bankan | 396532 | 1175344 | Vertical | 415 | 19 | 18 | 1 | 13 | *22* |
| KKOAU0078 | NE Bankan | 396530 | 1175423 | Vertical | 415 | 17 | 16 | 1 | 23 | *99* |
| KKOAU0079 | NE Bankan | 396525 | 1175504 | Vertical | 411 | 15 | 14 | 1 | 27 | *67* |
| KKOAU0080 | NE Bankan | 396528 | 1175581 | Vertical | 407 | 15 | 14 | 1 | 10 | *11* |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| KKOAU0081 | NE Bankan | 396447 | 1175423 | Vertical | 415 | 13 | 12 | 1 | 15 | *30* |
| KKOAU0082 | Bankan Ck | 394209 | 1173760 | Vertical | 386 | 18 | 17 | 1 | 12 | n/a |
| KKOAU0083 | Bankan Ck | 394209 | 1173678 | Vertical | 384 | 19 | 18 | 1 | 17 | n/a |
| KKOAU0084 | Bankan Ck | 394208 | 1173601 | Vertical | 390 | 19 | 18 | 1 | 6 | n/a |
| KKOAU0085 | Bankan Ck | 394132 | 1173519 | Vertical | 381 | 19 | 18 | 1 | 1 | n/a |
| KKOAU0086 | Bankan Ck | 394133 | 1173603 | Vertical | 380 | 17 | 16 | 1 | 1 | n/a |
| KKOAU0087 | Bankan Ck | 394129 | 1173682 | Vertical | 384 | 19 | 18 | 1 | 14 | n/a |
| KKOAU0088 | Bankan Ck | 394128 | 1173763 | Vertical | 392 | 17 | 16 | 1 | 56 | n/a |
| KKOAU0089 | Bankan Ck | 394131 | 1173843 | Vertical | 399 | 21 | 20 | 1 | 6 | n/a |
| KKOAU0090 | Bankan Ck | 394055 | 1173917 | Vertical | 400 | 21 | 20 | 1 | 3 | n/a |
| KKOAU0091 | Bankan Ck | 394053 | 1173759 | Vertical | 397 | 18 | 17 | 1 | 29 | n/a |
| KKOAU0092 | Bankan Ck | 394048 | 1173682 | Vertical | 390 | 15 | 14 | 1 | 21 | n/a |
| KKOAU0093 | Bankan Ck | 394053 | 1173597 | Vertical | 388 | 13 | 12 | 1 | 8 | n/a |
| KKOAU0094 | Bankan Ck | 394051 | 1173520 | Vertical | 386 | 16 | 15 | 1 | 5 | n/a |
| KKOAU0095 | Bankan Ck | 394047 | 1173834 | Vertical | 392 | 19 | 18 | 1 | 24 | n/a |
| KKOAU0096 | Bankan Ck | 394046 | 1173437 | Vertical | 388 | 16 | 15 | 1 | 7 | n/a |
| KKOAU0097 | Bankan Ck | 393970 | 1173376 | Vertical | 389 | 14 | 13 | 1 | 8 | n/a |
| KKOAU0098 | Bankan Ck | 393972 | 1173444 | Vertical | 389 | 17 | 16 | 1 | 7 | n/a |
| KKOAU0099 | Bankan Ck | 393973 | 1173523 | Vertical | 389 | 16 | 15 | 1 | 1 | n/a |
| KKOAU0100 | Bankan Ck | 393970 | 1173599 | Vertical | 388 | 15 | 14 | 1 | 1 | n/a |
| KKOAU0101 | Bankan Ck | 393974 | 1173681 | Vertical | 396 | 19 | 18 | 1 | 25 | n/a |
| KKOAU0102 | Bankan Ck | 393966 | 1173756 | Vertical | 382 | 18 | 17 | 1 | 6 | n/a |
| KKOAU0103 | Bankan Ck | 393971 | 1173847 | Vertical | 391 | 19 | 18 | 1 | 52 | n/a |
| KKOAU0104 | Bankan Ck | 393973 | 1173922 | Vertical | 393 | 21 | 20 | 1 | 8 | n/a |
| KKOAU0105 | Bankan Ck | 393974 | 1174000 | Vertical | 396 | 19 | 18 | 1 | 7 | n/a |
| KKOAU0106 | Bankan Ck | 393888 | 1173360 | Vertical | 393 | 16 | 15 | 1 | 8 | n/a |
| KKOAU0107 | Bankan Ck | 393891 | 1173442 | Vertical | 388 | 18 | 18 | 1 | 13 | n/a |
| KKOAU0108 | Bankan Ck | 393887 | 1173520 | Vertical | 381 | 16 | 15 | 1 | 8 | n/a |
| KKOAU0109 | Bankan Ck | 393892 | 1173597 | Vertical | 381 | 15 | 14 | 1 | 69 | n/a |
| KKOAU0110 | Bankan Ck | 393891 | 1173685 | Vertical | 388 | 17 | 16 | 1 | 38 | n/a |
| KKOAU0111 | Bankan Ck | 393890 | 1173739 | Vertical | 393 | 19 | 18 | 1 | 309 | n/a |
| KKOAU0112 | Bankan Ck | 393896 | 1173841 | Vertical | 392 | 17 | 16 | 1 | 16 | n/a |
| KKOAU0113 | Bankan Ck | 393899 | 1173920 | Vertical | 388 | 19 | 18 | 1 | 17 | n/a |
| KKOAU0114 | Bankan Ck | 393890 | 1173999 | Vertical | 389 | 18 | 17 | 1 | 8 | n/a |
| KKOAU0115 | Bankan Ck | 393881 | 1174107 | Vertical | 374 | 17 | 16 | 1 | 9 | n/a |
| KKOAU0116 | Bankan Ck | 393813 | 1174157 | Vertical | 375 | 11 | 10 | 1 | 1 | n/a |
| KKOAU0117 | Bankan Ck | 393810 | 1174077 | Vertical | 374 | 13 | 10 | 3 | 13 | n/a |
| KKOAU0118 | Bankan Ck | 393812 | 1173999 | Vertical | 384 | 17 | 14 | 3 | 30 | n/a |
| KKOAU0119 | Bankan Ck | 393816 | 1173918 | Vertical | 390 | 18 | 16 | 2 | 23 | n/a |
| KKOAU0120 | Bankan Ck | 393811 | 1173838 | Vertical | 388 | 19 | 15 | 4 | 14 | n/a |
| KKOAU0121 | Bankan Ck | 393806 | 1173759 | Vertical | 296 | 21 | 19 | 2 | 45 | n/a |
| KKOAU0122 | Bankan Ck | 393817 | 1173681 | Vertical | 381 | 21 | 19 | 2 | 36 | n/a |
| KKOAU0123 | Bankan Ck | 393811 | 1173600 | Vertical | 385 | 17 | 15 | 2 | 17 | n/a |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| KKOAU0124 | Bankan Ck | 393812 | 1173518 | Vertical | 391 | 15 | 13 | 2 | 8 | n/a |
| KKOAU0125 | Bankan Ck | 393816 | 1173434 | Vertical | 392 | 17 | 15 | 2 | 5 | n/a |
| KKOAU0126 | Bankan Ck | 393730 | 1173522 | Vertical | 380 | 13 | 11 | 2 | 15 | n/a |
| KKOAU0127 | Bankan Ck | 393725 | 1173596 | Vertical | 373 | 13 | 11 | 2 | 1 | n/a |
| KKOAU0128 | Bankan Ck | 393721 | 1173686 | Vertical | 385 | 19 | 17 | 2 | 11 | n/a |
| KKOAU0129 | Bankan Ck | 393734 | 1173760 | Vertical | 384 | 17 | 14 | 3 | 127 | n/a |
| KKOAU0130 | Bankan Ck | 393727 | 1176838 | Vertical | 385 | 15 | 9 | 6 | 17 | n/a |
| KKOAU0131 | Bankan Ck | 393730 | 1173919 | Vertical | 375 | 12 | 9 | 3 | 147 | n/a |
| KKOAU0132 | Bankan Ck | 393730 | 1173997 | Vertical | 372 | 11 | 9 | 2 | 32 | n/a |
| KKOAU0133 | Bankan Ck | 393726 | 1174082 | Vertical | 371 | 11 | 9 | 2 | 29 | n/a |
| KKOAU0134 | Bankan Ck | 393727 | 1174164 | Vertical | 370 | 12 | 9 | 3 | 1 | n/a |
| KKOAU0135 | Bankan Ck | 393647 | 1173603 | Vertical | 376 | 15 | 13 | 2 | 6 | n/a |
| KKOAU0136 | Bankan Ck | 393654 | 1173683 | Vertical | 385 | 17 | 15 | 2 | 112 | n/a |
| KKOAU0137 | Bankan Ck | 393649 | 1173744 | Vertical | 379 | 15 | 13 | 2 | 18 | n/a |
| KKOAU0138 | Bankan Ck | 393659 | 1173834 | Vertical | 382 | 16 | 14 | 2 | 28 | n/a |
| KKOAU0139 | Bankan Ck | 393661 | 1173919 | Vertical | 378 | 12 | 11 | 1 | 14 | n/a |
| KKOAU0140 | Bankan Ck | 393636 | 1174001 | Vertical | 373 | 13 | 10 | 3 | 167 | n/a |
| KKOAU0141 | Bankan Ck | 393658 | 1174070 | Vertical | 366 | 9 | 8 | 1 | 135 | n/a |
| KKOAU0142 | Bankan Ck | 393655 | 1174158 | Vertical | 366 | 7 | 5 | 2 | 20 | n/a |
| KKOAU0143 | Bankan Ck | 393656 | 1174246 | Vertical | 365 | 11 | 9 | 2 | 7 | n/a |
| KKOAU0144 | Bankan Ck | 393568 | 1173678 | Vertical | 374 | 17 | 15 | 2 | 15 | n/a |
| KKOAU0145 | Bankan Ck | 393575 | 1173756 | Vertical | 377 | 15 | 13 | 2 | 108 | n/a |
| KKOAU0146 | Bankan Ck | 393572 | 1173842 | Vertical | 378 | 17 | 14 | 3 | 32 | n/a |
| KKOAU0147 | Bankan Ck | 393579 | 1173913 | Vertical | 373 | 16 | 13 | 3 | 35 | n/a |
| KKOAU0148 | Bankan Ck | 393578 | 1174170 | Vertical | 372 | 11 | 7 | 4 | 11 | n/a |
| KKOAU0149 | Bankan Ck | 393576 | 1174241 | Vertical | 371 | 15 | 12 | 3 | 1 | n/a |
| KKOAU0150 | Bankan Ck | 393562 | 1174340 | Vertical | 369 | 7 | 4 | 3 | 6 | n/a |
| KKOAU0151 | Bankan Ck | 393491 | 1174394 | Vertical | 368 | 8 | 6 | 2 | 6 | n/a |
| KKOAU0152 | Bankan Ck | 393486 | 1174321 | Vertical | 367 | 5 | 3 | 2 | 6 | n/a |
| KKOAU0153 | Bankan Ck | 393480 | 1174239 | Vertical | 367 | 9 | 6 | 3 | **471** | n/a |
| KKOAU0154 | Bankan Ck | 393415 | 1174319 | Vertical | 369 | 9 | 8 | 1 | 44 | n/a |
| KKOAU0155 | Bankan Ck | 393483 | 1173759 | Vertical | 366 | 9 | 6 | 3 | 1 | n/a |
| KKOAU0156 | Bankan Ck | 393479 | 1173842 | Vertical | 369 | 5 | 3 | 2 | 10 | n/a |
| KKOAU0157 | Bankan Ck | 393493 | 1173907 | Vertical | 369 | 9 | 7 | 2 | 72 | n/a |
| KKOAU0158 | Bankan Ck | 393407 | 1173764 | Vertical | 370 | 9 | 5 | 4 | 1 | n/a |
| KKOAU0159 | Bankan Ck | 393408 | 1173841 | Vertical | 366 | 7 | 5 | 2 | 128 | n/a |
| KKOAU0160 | Bankan Ck | 393411 | 1173918 | Vertical | 366 | 11 | 9 | 2 | 39 | n/a |
| KKOAU0161 | Bankan Ck | 393412 | 1173994 | Vertical | 367 | 10 | 7 | 3 | 99 | n/a |
| KKOAU0162 | Bankan Ck | 393490 | 1174012 | Vertical | 370 | 11 | 8 | 3 | 71 | n/a |
| KKOAU0163 | Bankan Ck | 393485 | 1174075 | Vertical | 373 | 9 | 6 | 3 | **2487** | n/a |
| KKOAU0164 | Bankan Ck | 393412 | 1174075 | Vertical | 372 | 9 | 6 | 3 | 27 | n/a |
| KKOAU0165 | Bankan Ck | 393344 | 1173996 | Vertical | 368 | 9 | 7 | 2 | 12 | n/a |
| KKOAU0166 | Bankan Ck | 393326 | 1173846 | Vertical | 365 | 11 | 8 | 3 | 1 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|
| KKOAU0167 | Bankan Ck | 393328 | 1173924 | Vertical | 367 | 9 | 7 | 2 | 9 | n/a |
| KKOAU0168 | Bankan Ck | 393249 | 1173924 | Vertical | 366 | 9 | 7 | 2 | 52 | n/a |
| KKOAU0169 | Bankan Ck | 393409 | 1174395 | Vertical | 362 | 9 | 8 | 1 | 1 | n/a |
| KKOAU0170 | Bankan Ck | 393409 | 1174476 | Vertical | 370 | 13 | 11 | 3 | 5 | n/a |
| KKOAU0171 | Bankan Ck | 393406 | 1174242 | Vertical | 368 | 5 | 3 | 2 | 14 | n/a |
| KKOAU0172 | Bankan Ck | 393407 | 1174156 | Vertical | 369 | 7 | 4 | 3 | 12 | n/a |
| KKOAU0173 | Bankan Ck | 393332 | 1174081 | Vertical | 374 | 9 | 6 | 3 | 14 | n/a |
| KKOAU0174 | Bankan Ck | 393335 | 1174166 | Vertical | 373 | 9 | 6 | 3 | 5 | n/a |
| KKOAU0175 | Bankan Ck | 393335 | 1174227 | Vertical | 378 | 13 | 9 | 4 | 1 | n/a |
| KKOAU0176 | Bankan Ck | 393360 | 1174320 | Vertical | 379 | 9 | 6 | 3 | 21 | n/a |
| KKOAU0177 | Bankan Ck | 393250 | 1174003 | Vertical | 373 | 7 | 3 | 4 | 6 | n/a |
| KKOAU0178 | Bankan Ck | 393247 | 1174084 | Vertical | 376 | 9 | 6 | 3 | 22 | n/a |
| KKOAU0179 | Bankan Ck | 393248 | 1174156 | Vertical | 371 | 9 | 6 | 3 | 6 | n/a |
| KKOAU0180 | Bankan Ck | 393248 | 1174239 | Vertical | 380 | 20 | 18 | 2 | 16 | n/a |
| KKOAU0181 | Bankan Ck | 393338 | 1174399 | Vertical | 377 | 17 | 13 | 4 | 1 | n/a |
| KKOAU0182 | Bankan Ck | 393330 | 1174476 | Vertical | 380 | 15 | 12 | 3 | 1 | n/a |
| KKOAU0183 | Bankan Ck | 393333 | 1174563 | Vertical | 379 | 19 | 17 | 2 | 1 | n/a |
| KKOAU0184 | Bankan Ck | 393171 | 1174002 | Vertical | 351 | 7 | 4 | 3 | 24 | n/a |
| KKOAU0185 | Bankan Ck | 393184 | 1174070 | Vertical | 365 | 15 | 13 | 2 | 1 | n/a |
| KKOAU0186 | Bankan Ck | 393172 | 1174336 | Vertical | 395 | 24 | 21 | 3 | 45 | n/a |
| KKOAU0187 | Bankan Ck | 393252 | 1174318 | Vertical | 388 | 15 | 13 | 3 | 22 | n/a |
| KKOAU0188 | Bankan Ck | 393248 | 1174403 | Vertical | 397 | 21 | 18 | 3 | 1 | n/a |
| KKOAU0189 | Bankan Ck | 393253 | 1174479 | Vertical | 400 | 25 | 23 | 2 | 1 | n/a |
| KKOAU0190 | Bankan Ck | 393212 | 1174158 | Vertical | 380 | 9 | 6 | 3 | 1 | n/a |
| KKOAU0191 | Bankan Ck | 393172 | 1174237 | Vertical | 379 | 9 | 7 | 2 | 6 | n/a |
| KKOAU0192 | Bankan Ck | 393090 | 1174239 | Vertical | 385 | 19 | 17 | 2 | 45 | n/a |
| KKOAU0193 | Bankan Ck | 393088 | 1174168 | Vertical | 402 | 24 | 21 | 3 | 32 | n/a |
| KKOAU0194 | Bankan Ck | 393013 | 1174153 | Vertical | 405 | 16 | 13 | 3 | 1 | n/a |
| KKOAU0195 | Bankan Ck | 393098 | 1174076 | Vertical | 398 | 13 | 10 | 3 | 7 | n/a |

| Section 1: Sampling Techniques and Data | | |
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| **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 | The sampling described in this report refers to power auger drill samples.<br><br>In all the power auger drill holes reported here, 2kg samples were collected from composite samples within saprolite beneath lateritic surficial materials. The samples were submitted for fire assay gold analysis at the SGS laboratory in Bamako, Mali with a 5ppb detection limit. |

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| | mineralisation that are Material to the Public Report.<br><br>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 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). | The power drilling was carried out using a 4WD-mounted power auger rig. |
| **Drill Sample Recovery** | Method of recording and assessing core and chip sample recoveries and results assessed.<br><br>Measures taken to maximise sample recovery and ensure representative nature of the samples.<br><br>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. | Sample recovery is not assessed for power auger drilling as it is a geochemical method. In general, however, recoveries are good because the hole has to be cleared by the screw-type rods in order for the drill rods to advance downwards. |
| **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.<br><br>Whether logging is qualitative or quantitative in nature. Core (or costean/Trench, channel, etc) photography.<br><br>The total length and percentage of the relevant intersections logged. | None of these samples will be used in a Mineral Resource estimation. Nonetheless, all power auger holes were geologically logged in a qualitative fashion. |
| **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, rotary split, etc and whether sampled wet or dry.<br><br>For all sample types, the nature, quality and appropriateness of the sample preparation technique.<br><br>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.<br><br>Measures taken to ensure that the sampling is representative of the in | Each 1 m interval in the composite interval was subsampled using a scoop. The sample is considered sufficiently representative of the drilled material in a geochemical drilling program. |

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| | 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. | |
| **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.<br><br>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.<br><br>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. | The analytical method used was an SGS fire method with a 5ppb Au detection which is appropriate for a geochemical drilling program.<br><br>No company standards or blanks were added to the sample batch. Based on SGS's own repeat results, the analytical results are judged to be suitable for a geochemical drilling program. |
| **Verification of Sampling and Assaying** | The verification of significant intersections by either independent or alternative company personnel.<br>The use of twinned holes The verification of significant intersections by either independent or alternative company personnel. Discuss any adjustment to assay data | Hole twinning is not normally practised with power auger drilling. |
| **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.<br><br>Specification of the grid system used Quality and adequacy of topographic control | Collar locations were located using a hand held GPS with a location error of +/-3m. Collar coordinates referenced in the table are for Universal Transverse Mercator (UTM), Datum WGS 84, Zone 29 - Northern Hemisphere. |
| **Data Spacing and Distribution** | Data spacing for reporting of Exploration Results<br><br>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.<br><br>Whether sample compositing has been applied | Power auger holes were located on an 80m square grid because the orientation of the target zone was not well understood.<br><br>This type of drilling is not appropriate for the calculation of any Mineral Resource estimate. |
| **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.<br><br>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. | Power auger holes were spaced on an 80m square grid because the orientation of the target zone was not well understood. This approach helped define the NNE orientation which was contrary to the initial expectation of a WNW strike. There is no rock outcrop in the area to guide sample line orientations |

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| **Sample Security** | The measures taken to ensure sample security | Reference samples are stored at PDI's sample store in Kouroussa, Guinea.. |
| **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.<br>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 gold exploration over the permit. |
| **Geology** | Deposit type, geological setting and style of mineralisation. | The geology of the Kaninko permit consists of metasediments, mafic volcanics and intrusives, and granitic rocks. |
| **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:<br>• easting and northing of the drill hole collar<br>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar<br>• dip and azimuth of the hole<br>• down hole length and interception depth<br>• hole length<br>• If the exclusion of this information is justified on the basis that the information is not Material and<br>this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. | The required information is provided in Table 1. |
| **Data Aggregation Methods** | In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.<br>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. | No weighted average or truncation methods were used for the power auger results. |

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| | The assumptions used for any reporting of metal equivalent values should be clearly stated. | |
| **Relationship Between Mineralisation Widths and Intercept Lengths** | These relationships are particularly important in the reporting of Exploration Results<br><br>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<br><br>hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). | True widths cannot be estimated for the power auger drill results as the orientation of the underlying weathered rocks is not known. |
| **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. | Appropriate maps are provided in Figures 2 and 3. |
| **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. | All results are reported 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. | Apart from the previously reported surface gold geochemical results, there are no other exploration data which are relevant to the results reported in this release. |
| **Further Work** | The nature and scale of planned further work (eg tests for lateral extensions or large scale step out drilling.<br>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. | Air core or RC drilling is planned to test the new zone in March 2020. |

## TABLE 2 – BANKAN CREEK TRENCHING RESULTS

| UTM East | UTM North | RL | Azimuth | Interval | Au g/t (0.25g/t Au cutoff) | Comments |
|---|---|---|---|---|---|---|
| 393480 | 1173920 | 377 | 330 | 18 | 1.60 | |
| 393506 | 1173894 | 377 | 330 | 1 | 15.45 | |
| 393655 | 1173941 | 383 | 360 | 37 | 0.94 | Peak value of >10g/t Au (awaiting re-assay) |

| 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.<br><br>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 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. | Samples were collected from channels cut in the walls of the trenches on 1m sample intervals. The channel samples are judged to be representative of the exposed weathered rock materials however the orientation of the gold mineralisation where sampled is not clear. |
| **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). | This is not relevant to trench channel sampling. |
| **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.<br><br>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. | This is not relevant to trench channel sampling. |

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| **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.<br>Whether logging is qualitative or quantitative in nature. Core (or costean/Trench, channel, etc) photography.<br>The total length and percentage of the relevant intersections logged. | The trenches were geologically mapped with structural readings of all geological features. The logging is largely qualitative. |
| **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, rotary split, etc and whether sampled wet or dry.<br>For all sample types, the nature, quality and appropriateness of the sample preparation technique.<br>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.<br>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.<br>Whether sample sizes are appropriate to the grain size of the material being sampled. | Trench channel samples were collected for analysis and submitted to the laboratory for the normal processes of crushing, grinding and splitting out a representative sample for analysis. |
| **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.<br>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.<br>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. | The assaying and laboratory procedures are considered appropriate for samples of this type. |
| **Verification of Sampling and Assaying** | The verification of significant intersections by either independent or alternative company personnel.<br>The use of twinned holes The verification of significant intersections by either independent or alternative company personnel. Discuss any adjustment to assay data | This is not relevant to trench channel sampling. |
| **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. | Channel sample locations are recorded using GPS coordinates and elevations for the sampling start location together with information on the azimuth and length of the channel. The datum employed is WGS84, Zone 29N. |

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| | Specification of the grid system used Quality and adequacy of topographic control | |
| **Data Spacing and Distribution** | Data spacing for reporting of Exploration Results<br>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.<br>Whether sample compositing has been applied | 1m channel samples were collected for the entire length of the excavated trenches. The information is not suitable for calculation of a mineral resource estimate. |
| **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.<br>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. | The trenches were designed to evaluate the orientation of quartz veins and structures to enable drill planning. The sampling is considered reasonably representative overall however some quartz vein sets could not be optimally sampled because of the very variable vein orientations. |
| **Sample Security** | The measures taken to ensure sample security | Reject samples are stored currently at the SGS laboratory in Bamako. |
| **Audits or Reviews** | The results of any audits or reviews of sampling techniques and data | No audits or reviews of sampling techniques and data have been carried out given the reconnaissance nature of this drill program. |
| **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.<br>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 gold exploration over the permit. |
| **Geology** | Deposit type, geological setting and style of mineralisation. | The geology of the Kaninko permit consists of metasediments, mafic volcanics and intrusives, and granitic rocks. |
| **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:<br>• easting and northing of the drill hole collar<br>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar<br>• dip and azimuth of the hole<br>• down hole length and interception depth<br>• hole length<br>• If the exclusion of this information is justified on the basis that the information is not Material and this | The channel results are reported using the standard format for drill results apart from the “dip” which is assumed to be zero (given that the channels are approximately horizontal). See Table 1 and the accompanying notes in these tables. |

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| | exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. | |
| **Data Aggregation Methods** | In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.<br>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.<br>The assumptions used for any reporting of metal equivalent values should be clearly stated. | Sampling was in 1m long channel intervals.<br><br>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<br>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 not been estimated as there is considerable uncertainty about the orientation of mineralised zones. |
| **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 plan is included with this document (Figure 3). |
| **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 trench channel results is provided in Table 2 and by reference to Figure 2. |
| **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;<br>bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. | There are no other known exploration data which are relevant to the results reported in this release. |
| **Further Work** | The nature and scale of planned further work (eg tests for lateral extensions or large scale step out drilling.<br>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. | Planned follow up work is a combined air core/RC drill program commencing in March 2020. |

# ASX Announcement

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

**Competent Persons Statement**

*The exploration results reported herein, insofar as they relate to mineralisation are based on information compiled by Mr Paul Roberts (Fellow of the Australian Institute of Geoscientists). Mr Roberts 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 Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

**-END-**

For further information please contact:


**Paul Roberts**
Managing Director
Tel: +61 402 857 249
Email: paul.roberts@predictivediscovery.com

**Bruce Waddell**
Company Secretary
Tel: +61 8 6143 1840
Email: bruce.waddell@predictivediscovery.com


## About Predictive Discovery

Predictive Discovery is a West African focused gold explorer with a portfolio of 21 exploration projects and applications strategically located in the prolific Birimian greenstone belts of Guinea, Cote d'Ivoire and Burkina Faso.

The Company has begun work on its five 100%-owned exploration properties in Guinea with a 500km2 landholding in the highly prospective but underexplored Siguiri Basin, which contains AngloGold's world-class Siguiri Mine (+10Moz). All permits are located close to widespread artisanal workings with drilling expected to begin in early 2020.


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