RISE & SHINE (RAS) DRILLING CONTINUES TO DELIVER HIGH GOLD GRADES

- **Impressive drillhole gold intercepts continue north of the 2021 RAS Mineral Resource (MRE) where mineralisation remains open and extension drilling is accelerating.**
  - **MDD031 (Section N5017960)**
    - **21.2 metres @ 4.38 g/t Au from 280.8 metres including:**
      - **5 one metre intercepts of +/-10 g/t Au**
  - **MDD027 (Section N5017840)**
    - **11.4 metres @ 3.29 g/t Au from 267.7 metres including:**
      - **2.4 metres @ 12.17 g/t Au from 267.7 metres**
  - **MDD025R (Section N5017720)**
    - **14.0 metres @ 9.00 g/t Au from 264.0 metres including:**
      - **3 metres @ 31.4 g/t Au from 265.0 metres**
      - **1 metre @ 13.5 g/t Au from 271.0 metres**
  - **MDD023R (Section N5017600)**
    - **20 metres @ 0.82 g/t Au (aggregate) from 307.0 metres including:**
      - **7 metres @ 0.98 g/t Au from 307.0 metres**
      - **5 metres @ 0.51 g/t Au from 318.0 metres**
      - **8 metres @ 0.88 g/t Au from 329.0 metres**

- **MDD031 extends mineralization at RAS 740 metres down plunge from the 2021 MRE in a zone approximately 230 metres wide defined by 13 holes with an average weighted grade of 2.99 g/t over an average thickness of 22.6 metres**

- **Results from 3 diamond holes drilled at RAS up plunge within and on the eastern margin of MRE 2021 confirm and extend MRE 2021 mineralization**
  - **MDD028**
    - **32.3 metres @ 1.08 g/t Au (aggregate) from 147.7 metres including:**
      - **11.3 metres @ 1.28 g/t Au from 147.7 metres**
      - **9.0 metres @ 1.38 g/t Au from 163.0 metres**
      - **4.0 metres @ 0.60 g/t Au from 179.0 metres**
      - **8.0 metres @ 0.71 g/t Au from 191.0 metres**
  - **MDD026**
    - **19.0 metres @ 1.85 g/t Au (aggregate) from 94.0 metres including:**
      - **8.0 metres @ 0.68 g/t Au from 94.0 metres**
      - **4.0 metres @ 0.76 g/t Au from 174.0 metres**
      - **7.0 metres @ 3.80 g/t Au from 204.0 metres with:**
        - **2 one metre intercepts of 12.4 and 12.5 g/t Au**
  - **MDD024**
    - **7.3 metres @ 5.23 g/t Au from 91.7 metres**

- **Three DD drill rigs are undertaking a 10,000-metre programme along the Rise and Shine Shear Zone (RSSZ) at RAS, Come-in-Time (CIT) and Shreks (SHR) deposits. Since commencement in January 2022, 5,028 metres have been completed primarily at RAS where an MRE upgrade is underway with finalisation expected once the new extension limits are sufficiently defined.**

- **The remarkably continuous higher gold grades now extend 1300 metres down-plunge at RAS and remain open. RAS has transformed the pre-2021 views that the RSSZ hosted low-grade ~1 g/t gold mineralisation. <u>The RAS higher-grades, highlight the potential of other deposits, strengthening the belief of rapidly advancing the Bendigo-Ophir project towards multi-million-ounce non-refractory gold resources.</u>**

20 April 2022 Santana Minerals Limited (ASX: SMI) ("Santana" or "the Company") is pleased to announce further significant results from the 100% owned Bendigo-Ophir Project ("the Project") where a 643Koz Inferred Gold Resource (MRE) in four Rise and Shine Shear Zone (RSSZ) Deposits has been estimated to JORC Code 2012 (ASX announcement on 28th September 2021).

Drilling from September 2021 has accelerated since January 2022 with 5,028 metres completed, primarily focused on extending mineralisation down plunge at RAS. The latest RAS assay results from four down-plunge DD holes and three DD holes within the existing MRE all intersected mineralisation and confirm continuity of mineralisation over 1.3 kilometres down-plunge.

The new RAS mineralisation halo averages 230 metres across the down-plunge axis and extends 740 metres NNE from the 2021 RAS MRE, as defined by gold intercepts in 13 DD holes. These drillhole intercepts average 22.6 metres thick and have a **weighted average grade of 2.99 g/t Au (min 0.50g/t Au, uncut) which is 50% higher than the 2.0g/t Au reported for the 2021 RAS MRE.**

Commenting on the results Executive Director Dick Keevers said:

"Our skilled field team continues to successfully extend the North Easterly down plunge continuation of the RAS deposit, with potentially mineable grade and thickness drill hole intercepts, so much so that we have applied for more ground to the NE; a measure of our growing confidence for the definition of a larger gold deposit, expected to contain greater than one million ounces of gold resource, for the RAS and Bendigo – Ophir gold field.

Some Covid related delays caused by staff furloughs in our team as well as our drilling and assaying contractors have slowed progress, which is now picking up again.

Note also that we have completed some successful in-fill drilling but still broadly spaced drill holes, in the upper part of RAS, to add definition to the deposit. We have also commenced deeper follow-up drilling at Come in Time, about 1 kilometre NW of RAS, where we plan to test the down plunge potential of this deposit, looking for a repeat of the RAS mineralisation style".

RSSZ Deposits - Extension Drilling

Four RSSZ deposits, CIT, RAS, SHR and Shreks East (SRE) extend 4 kilometres NW-SE along strike and contain the current 643Koz inferred gold resources (Figure 1). Resource drilling at RAS on nominal 120 metre by 100 metre centres since September 2021 has extended RAS shoot mineralisation to 740 metres north down-plunge beyond the 2021 MRE. All RAS drillholes, other than MDD012 and MDD017 (that appear to close off the shoot to the west), show mineralisation consistently occurring within the RAS shoot over a vertical interval of 40-80 metres. Concentration of gold is in the 10-20-metre-thick HWS with common grades of 1-10 g/t Au. Mineralisation is also in higher-grade stockwork within and below the HWS with individual bonanza grades to 57.5 g/t Au as in the 13 metres at an average grade of 12.6 g/t Au intersected in MDD016 (ASX announcement on 23rd December 2021).

The RAS shoot has now been defined over 1,320 metres down plunge from outcrop and remains open. Extension drilling is testing the margins of both RAS and CIT deposits and 3 holes are planned down plunge at SHR.

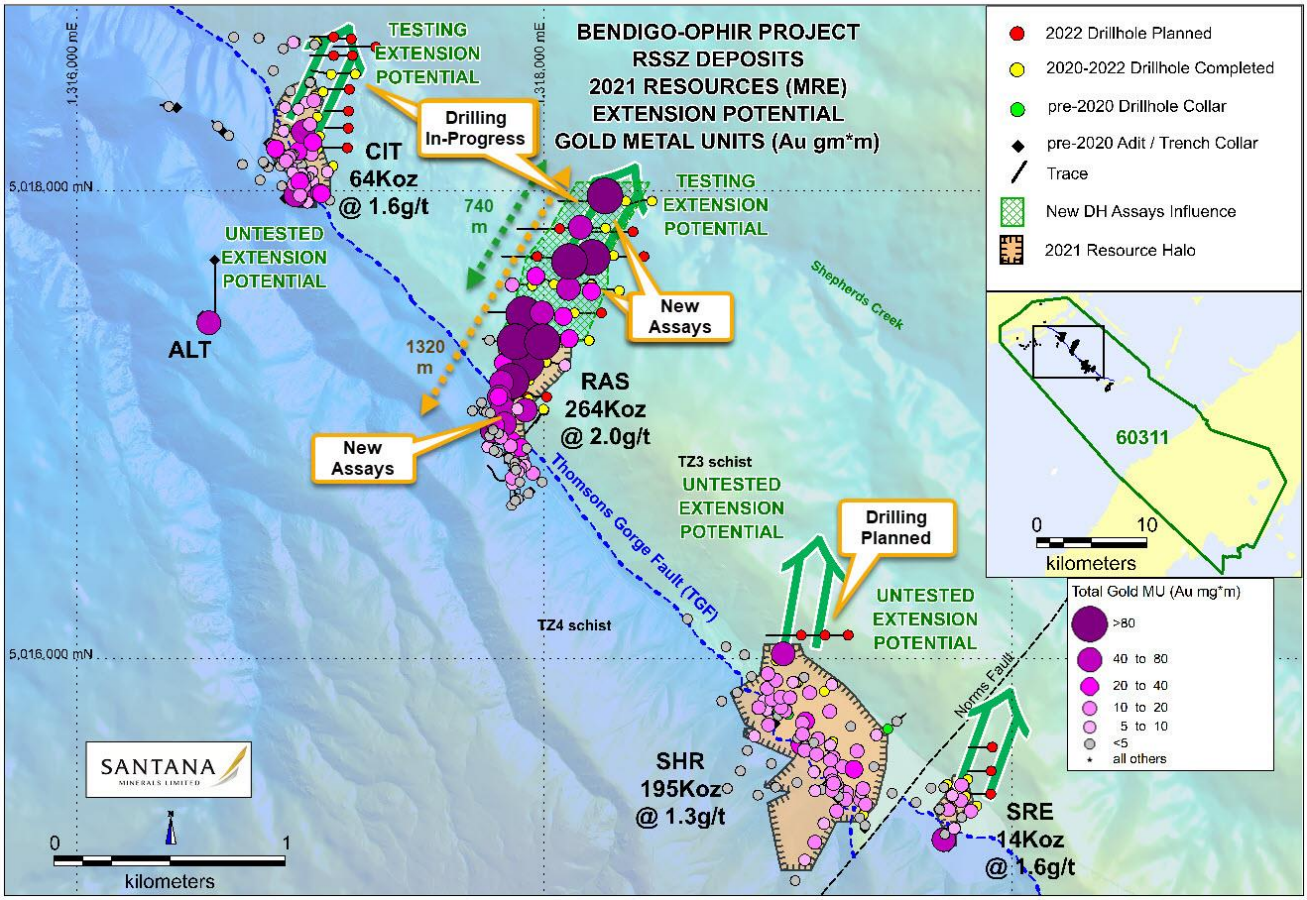


Figure 1 RSSZ Deposits / Resource Halos / Gold Metal Units (MU) & Current Drilling

Three DD rigs are now operating 24/7 with a total of 5,028 metres completed in a 10,000 metre DD programme since January 2022 (Table 1). Current drilling is primarily focused on the new northern extension at RAS (Figure 2), southern infill at RAS and at the CIT deposit (Figure 3).

Table 1: MDD023R-MDD038 co-ordinates, downhole survey detail and Status

Deposit	Hole_No	East_NZTM	North_NZTM	RL	Azimuth (T Avg)	Dip (Avg)	Length	Method	Status	Results
RAS	MDD023R	1318320.6	5017574.1	658.47	266.6	-68	359.2	DD	Completed	Reported
RAS	MDD024	1317854.7	5017118.1	756.71	268.9	-61	177.0	DD	Completed	Reported
RAS	MDD025	1318195.1	5017716.4	632.55	258.1	-67	265.7	DD	Re-Drilled	Reported
RAS	MDD025R	1318196.5	5017715.3	632.65	256.2	-72	360.7	DD	Completed	Reported
RAS	MDD026	1317853.3	5017125.6	756.82	212.5	-56	221.7	DD	Completed	Reported
RAS	MDD027	1318262.3	5017841.8	582.34	271.6	-69	365.6	DD	Completed	Reported
RAS	MDD028	1317998.5	5017062.1	773.89	270.6	-62	250.0	DD	Completed	Reported
RAS	MDD029	1318460.9	5017957.4	537.69	260.2	-75	398.2	DD	Completed	assays pending
RAS	MDD030	1317997.9	5017066.3	773.85	210.0	-55	115.0	DD	Re-Drilled	No assays
RAS	MDD030R	1317997.1	5017067.0	773.95	217.0	-58	242.6	DD	Completed	assays pending
RAS	MDD031	1318348.9	5017957.7	536.72	291.5	-73	380.1	DD	Completed	Partial reported
RAS	MDD033	1318167.1	5017835.5	581.95	277.0	-70	336.5	DD	Completed	assays pending
RAS	MDD034	1318071.8	5017712.2	597.71	269.3	-66	233.7	DD	Re-Drilled	assays pending
RAS	MDD034R	1318071.6	5017712.3	597.79	268.1	-67	300.5	DD	Completed	assays pending
RAS	MDD036	1318426.5	5017720.0	603.71	251.4	-73	372.8	DD	Completed	assays pending
SubTotal							**4,379.3**			
CIT	MDD032	1317089.5	5018499.6	503.38	279.7	-64	200.0	DD	Completed	assays pending
CIT	MDD035	1317192.1	5018500.0	501.69	265.7	-66	236.5	DD	Completed	assays pending
CIT	MDD038	1317166.4	5018435.7	517.58	274.8	-67	213.0	DD	Completed	assays pending
SubTotal							**649.5**			
TOTAL							**5,028.8**			

Assays have been received and reported for seven RAS drillholes (Figures 3 & 4, Table 2, Appendix 1) with assays pending from a further six RAS and three CIT drillholes. Laboratory assay turnaround (TAT) has recently slowed with staff isolations due to the surge in Omicron virus throughout New Zealand. TAT is expected to improve as Lab staff return.

Figure 2 RAS Deposit – Dunstan Range (View south)

RAS Northern Extension – New Drill Results MDD023R, MDD025R, MDD027 & MDD031

All four drillholes with reported assays in the extension north of the RAS 2021 MRE intersected significant RSSZ gold grades and thicknesses. The three northernmost drill sections (360 metre down-plunge extent and remaining open) continued to intercept grades >10g/t of gold associated with silicified breccia, laminar quartz veinlet stockwork and arsenopyrite fill within the upper hanging wall shear (HWS) zone of the RSSZ:

- **MDD031 (Section N5017960)**
  - **21.2 metres @ 4.38 g/t Au from 280.8 metres including:**
    - **5 one metre intercepts of +/-10 g/t Au**
- **MDD027 (Section N5017840)**
  - **11.4 metres @ 3.29 g/t Au from 267.7 metres including:**
    - **2.4 metres @ 12.17 g/t Au from 267.7 metres**
- **MDD025R (Section N5017720)**
  - **14.0 metres @ 9.00 g/t Au from 264.0 metres including:**
    - **3 metres @ 31.4 g/t Au from 265.0 metres**
    - **1 metre @ 13.5 g/t Au from 271.0 metres**
- **MDD023R (Section N5017600)**
  - **20 metres @ 0.82 g/t Au (aggregate) from 307.0 metres including:**
    - **7 metres @ 0.98 g/t Au from 307.0 metres**
    - **5 metres @ 0.51 g/t Au from 318.0 metres**
    - **8 metres @ 0.88 g/t Au from 329.0 metres**

Assays for MDD031 (the northernmost drillhole) returned significant gold grades of 21.2 metres @ 4.38 g/t Au from 280.8m in a continuous zone throughout the HWS with numerous intervals +/- 10 g/t Au (Appendix 1 MDD031). Assays are pending for the balance of this drillhole (73.9 metres from 310m). The balance of MDD025R assays (80.7 metres below those previously reported in ASX announcement on 3rd March 2022) show intermittent low-grade mineralisation below the upper HWS zone of 14 metres @ 9.00 g/t Au.

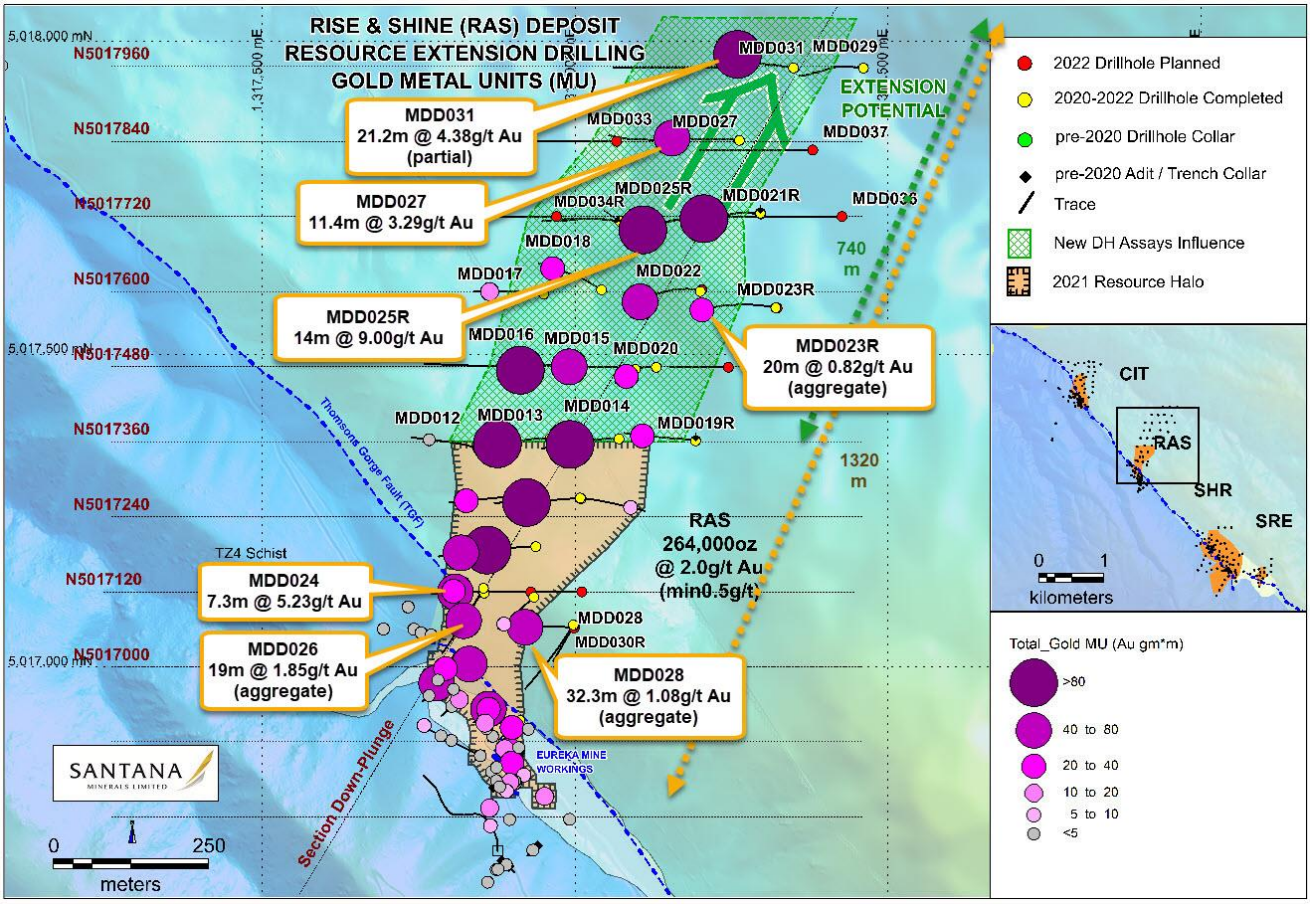


Figure 3 RAS Resource Extension Drilling - New Results / Gold Distribution

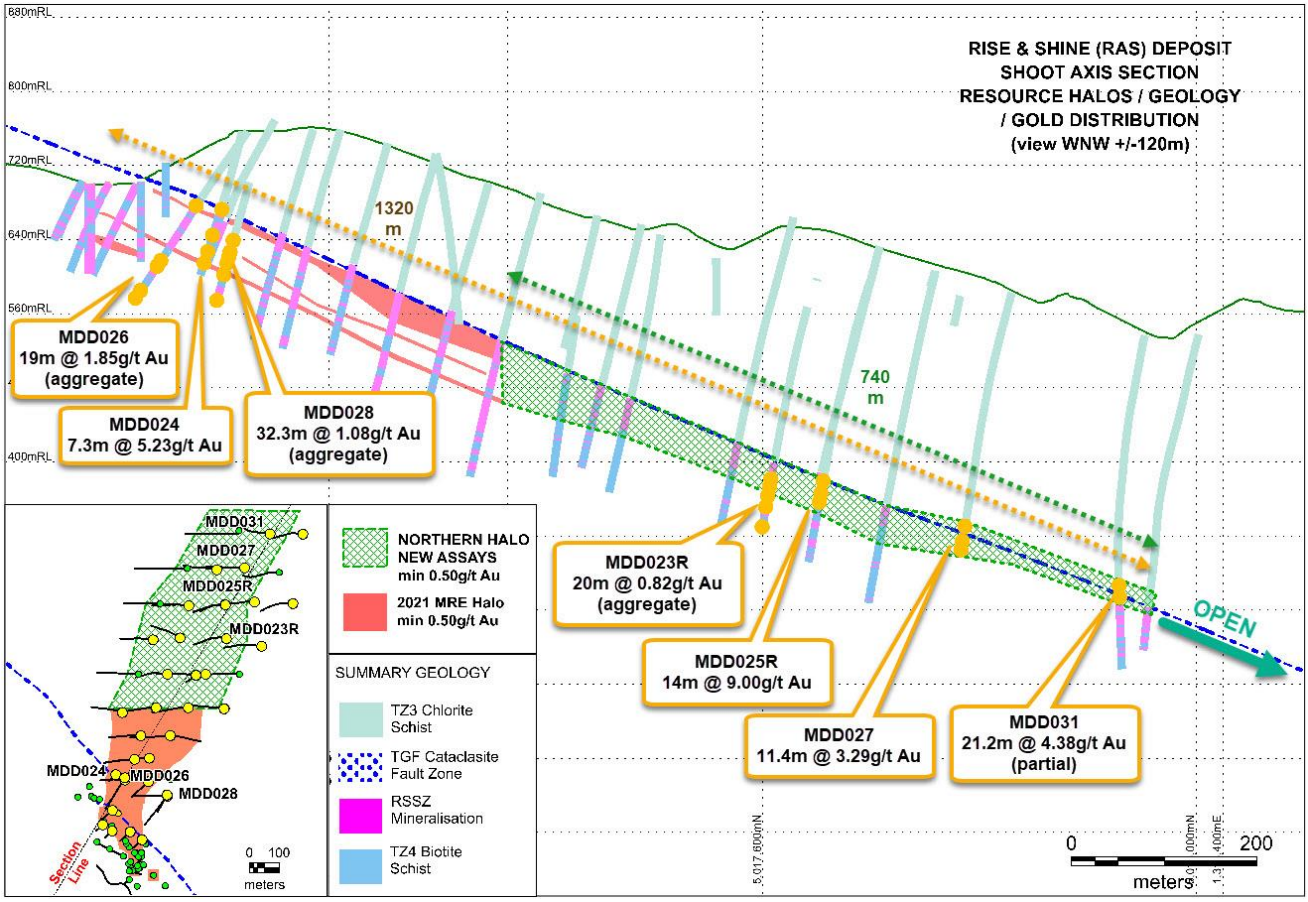


Figure 4 RAS Down-plunge Section (new assays, geology & extension envelope)

RAS Northern Extension – Sectional Widths and Grades

Assays from thirteen DD holes down plunge of the MRE 2021 resource have aggregate and continuous gold intercepts at a cut-off grade of 0.5 g/t gold (Table 2, Figures 3 & 4) that define a significant extension.

Table 2: RAS NEW EXTENSION Section Intercept Summary (Sep'21-Mar'22 Drillholes)

RAS New Extension DH Intercepts - Section Summary (min 0.50g/t Au, 4mid)									
Section	Hole ID	From (m)	Length (m)	Grade (g/t)	Section E-W Intercept width (m)	Section E-W Envelope width (m)	Section N-S influence (m)	Average Thickness (m)	
N5017960	MDD031	280.8	21.2	4.38					c*
N5017960	**Average**	**280.8**	**21.2**	**4.38**	**100**	**100**	**120**	**21.2**	
N5017840	MDD027	267.7	11.4	3.29					c
N5017840	**Average**	**267.7**	**11.4**	**3.29**	**100**	**100**	**120**	**11.4**	
N5017720	MDD025R	264.0	14.0	9.00					c
N5017720	MDD021R	270.0	41.0	2.36					c
N5017720	**Average**	**267.0**	**27.5**	**4.05**	**105**	**205**	**120**	**27.5**	
N5017600	MDD018	199.0	6.0	3.70					a
N5017600	MDD023R	307.0	20	0.82					c
N5017600	MDD022	262.3	25.7	1.89					c
N5017600	**Average**	**230.7**	**17.2**	**1.69**	**245**	**345**	**120**	**17.2**	
N5017480	MDD016	193.8	23.1	7.06					a
N5017480	MDD015	195.4	22.7	1.50					a
N5017480	MDD020	185.0	40.0	0.82					c
N5017480	**Average**	**191.4**	**28.6**	**2.68**	**175**	**275**	**120**	**28.6**	
N5017360	MDD013	152.3	23.6	2.51					a
N5017360	MDD014	174.3	37.7	4.09					a
N5017360	MDD019R	218.0	14.7	1.92					a
N5017360	**Average**	**181.5**	**25.3**	**3.18**	**270**	**370**	**60**	**25.3**	
MDD013-MDD031 Statistics				**2.99**		**230**	**660**	**22.6**	

a=aggregate, c=continuous, *= 73.9m assays pending

Two holes (MDD012 and MDD017) drilled down plunge did not intersect any significant mineralization and define the western boundary of the zone and are not included in the sectional summary.

The zone extends 740 metres down plunge in a NNE direction oblique to the drill sections. The average width of the zone is approximately 230 metres although still to be closed off on the margins. The overall extension average thickness and grade is 22.6 metres @ 2.99g/t Au (weighted on sectional envelope widths between 100m and 370 metres wide).

This summary (Table 2) is indicative of the grade of gold mineralisation in this extension area and show that when the area is included in our next MRE update, the **gold grade and dimensions have the potential to add significantly to the overall Mineral Resources.**

On the three northernmost drill sections (N5017720 to N5017960, Figure 3) assays are pending for drillholes MDD029, MDD033, MDD034R and MDD036 (all with logged RSSZ lithologies) and these drillholes have potential to add width to the new RAS mineralised extension halo.

Coarse visible gold (VG) has been logged in drillholes MDD033 (Figure 5) and MDD034R (Figure 6).

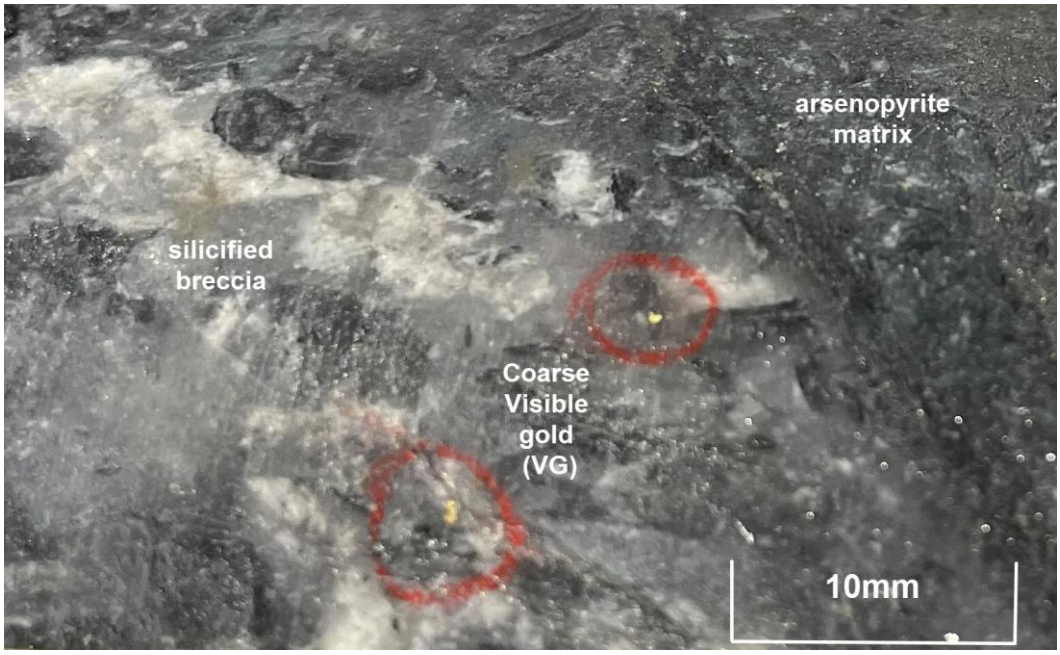


Figure 5 RAS MDD033drill core 269.49m VG in silicified HWS

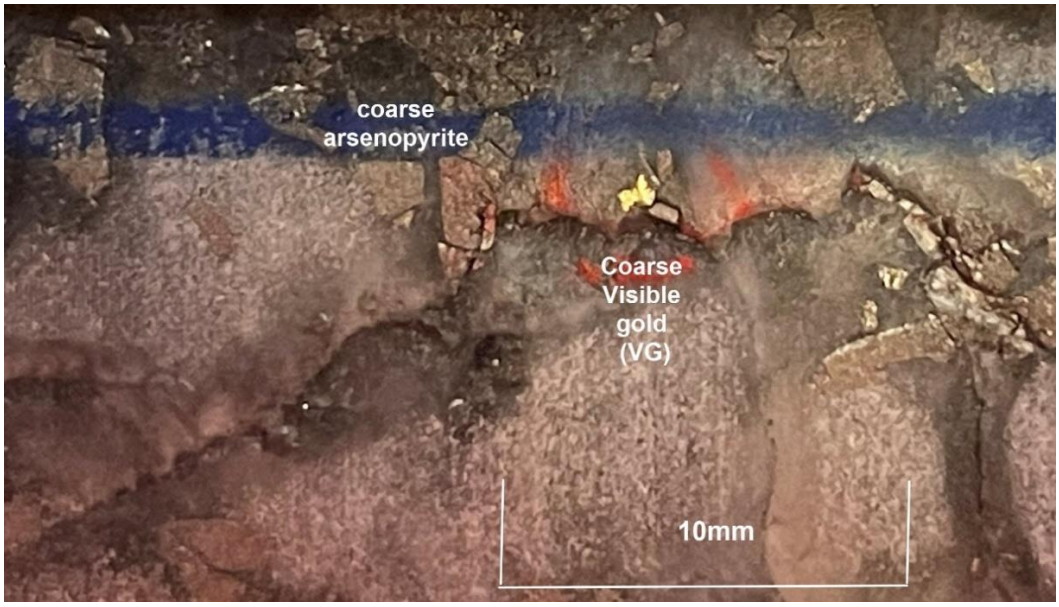


Figure 6 RAS MDD034R drill core 224.38m VG in silicified HWS

RAS – Southern Sector Infill - Drillholes MDD024, MDD026 and MDD028

At the southern sector of RAS, (Figures 3 & 4, Table 1) four drillholes have been sited to test east-west limits of the 2021 MRE and intersect HWS mineralisation and deeper stockwork vein (SVS) mineralisation not sufficiently defined by early RC drilling. Assay results have been received for three drillholes (Appendix 1, MDD024, MDD026 and MDD028), with assays pending for MDD030R.

- **MDD028**
  - **32.3 metres @ 1.08 g/t Au (aggregate) from 147.7 metres including:**
    - **11.3 metres @ 1.28 g/t Au from 147.7 metres**
    - **9.0 metres @ 1.38 g/t Au from 163.0 metres**
    - **4.0 metres @ 0.60 g/t Au from 179.0 metres**
    - **8.0 metres @ 0.71 g/t Au from 191.0 metres**
- **MDD026**
  - **19.0 metres @ 1.85 g/t Au (aggregate) from 94.0 metres including:**
    - **8.0 metres @ 0.68 g/t Au from 94.0 metres**
    - **4.0 metres @ 0.76 g/t Au from 174.0 metres**
    - **7.0 metres @ 3.80 g/t Au from 204.0 metres with:**
      - **2 one metre intercepts of 12.4 and 12.5 g/t Au**
- **MDD024**
  - **7.3 metres @ 5.23 g/t Au from 91.7 metres**

The results of these three drillholes have lifted the gold tenor and linked mineralisation at depth in this southern sector previously extrapolated in the 2021 MRE. Prior RC drillholes MRC079 and MRC080 with respective intercepts of 14m @ 0.42 g/t Au (aggregate) and 10m @ 2.00 g/t Au (ASX announcement on 1st July 2021) were too shallow to penetrate the lower mineralisation halos. MDD024 with 7.3 metres @ 5.23g/t Au in the upper HWS is an effective twin of MRC080. MDD026 intercept of 7.0 metres @ 3.80 g/t Au from 204m (including 12.4 and 12.5 g/t Au) is 117 metres below the top of the RSSZ (the deepest stratigraphically at RAS to date) and illustrates that deep high-grade mineralisation limits are yet to be adequately delineated.

Ongoing Programme & Key Conclusions

Extension and infill DD drilling is continuing at CIT and RAS deposits. Three reconnaissance holes are also planned over the next three months to test the down plunge extensions of SHR deposit (with the largest surface footprint of the 3 main deposits). An MRE upgrade has commenced at RAS and prior to finalisation, further assays are to be added from fringe drillholes that are expected to define lateral mineralisation extents in the northern extension.

Follow-on Gravity & Leach Metallurgical Testwork (previously 90% total recoverable gold) is underway on RAS composite drill samples representative of a range of gold mineralisation and arsenic levels. Results from ALS Laboratory in Perth supervised by KCAA consultants will further define the non-refractory nature of RSSZ gold.

The continuity of higher drillhole grades in the axis of the RAS shoot through MDD025R, MDD027 to northernmost drillhole MDD031 at Shepherds Creek now extend RAS mineralisation 1300 metres NNE down-plunge from outcrop. A new Minerals Prospecting Application (MPPA) 60882, (Figure 7) submitted at the end of March, when granted will allow surface evaluation of an area 2 to 4km down-plunge from RAS gold intercepts.

The average thickness and grade of the 13 holes defining the 740-metre new RAS down plunge extension (22.6m @ 2.99g/t Au) is 50% higher than reported in the 2021 RAS MRE (2.0g/t Au, min 0.50g/t, uncut).

Higher grade mineralisation potential is now flagged down plunge at CIT and SHR (which remain relatively undrilled) and at other prospects with strong geochemical anomalies (drill untested) along the inferred 30km length of the RSSZ with the project area.

The continuing results reinforce previous indications that the RSSZ is emerging as a potential multi-million-ounce system similar to the world class Macraes deposit (10Moz) 90 kilometres to the NE.

This announcement has been authorised for release to the ASX by the Board.

For further information, please contact:

Richard Keevers
Executive Director
+61 408 873 353
rkeevers@westnet.com.au

Cameron Peacock
Investor Relations & Business Development
+61 439 908 732
cpeacock@santanaminerals.com

About Santana Minerals Limited Bendigo-Ophir Project

The Bendigo-Ophir Project is located on the South Island of New Zealand within the Central Otago Goldfields. The 292km2 project area comprises Minerals Exploration Permit (MEP) 60311 (252km2) and Minerals Prospecting Permit Application (MPPA) 60882 (40km2) issued to 100% owned subsidiary Matakanui Gold Ltd. The Project is located ~90 kilometres northwest of Oceana Gold Ltd (OGC) Macraes Gold Mine (Figure 7).

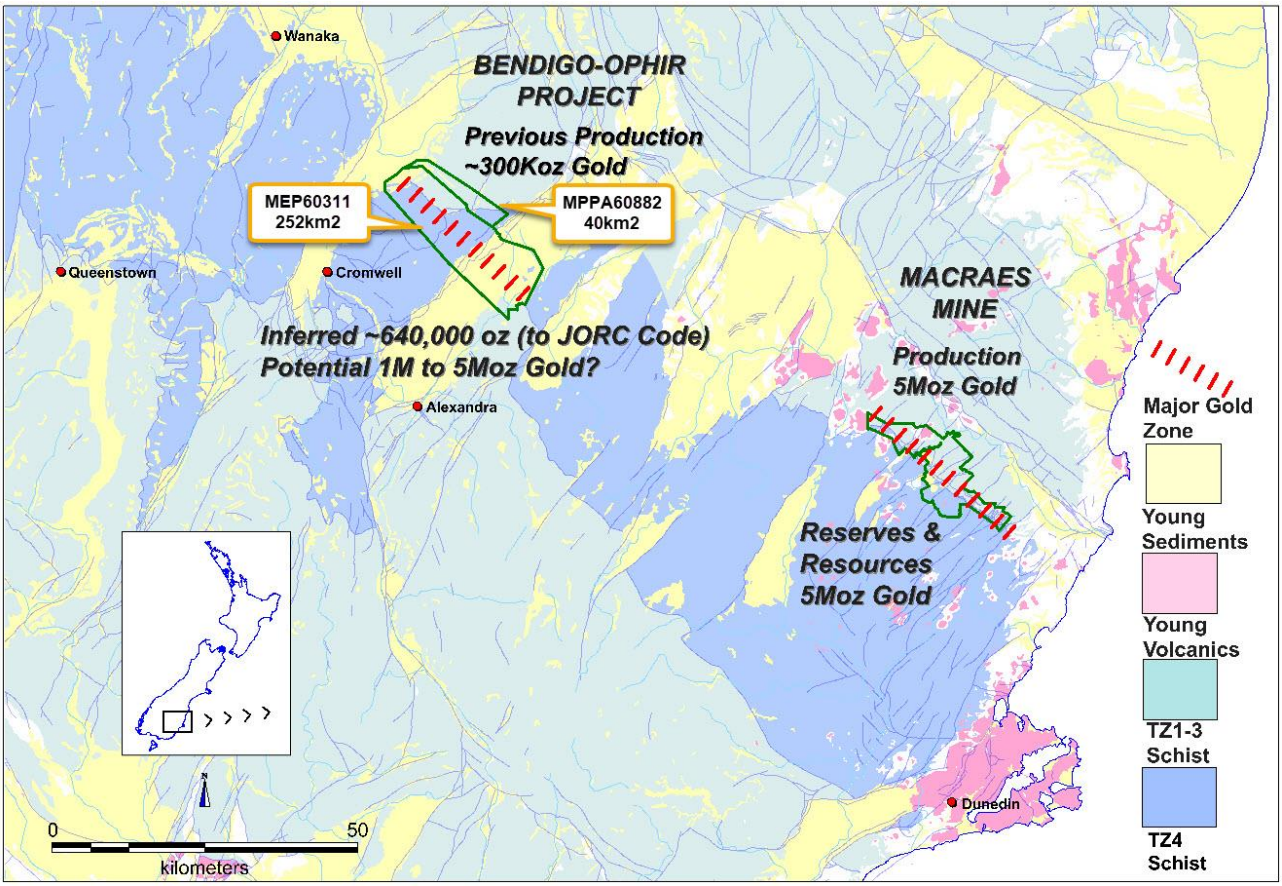


Figure 7 Bendigo-Ophir Project in the Otago Goldfield, ~90km NW of Macraes

The Project contains a new Inferred Mineral Resource Estimate (MRE2021) of 643K ounces of gold @ 1.0g/t (0.25 g/t Au lower cut-off grade, no top-cut), an estimate based on drill results to June 2021 and reported in September 2021 which the Company interprets has the potential to be further expanded and developed.

The Bendigo-Ophir resources occur in 4 deposits (Figure 1) that are inferred to extend in a northerly direction within the RSSZ which hosts gold mineralization over a recognised strike length of >20km.

The RSSZ occurs at the contact with TZ3 and TZ4 schist units separated by a regional fault (Thomsons Gorge Fault-TGF) and dips at a low angle (25°) to the north-east. The RSSZ is currently interpreted to have upper shear hosted gold mineralization (HWS) 10-40 metres in width above quartz vein and stockwork related gold mineralization extending >120 metres below the HWS which is largely untested down-plunge and at depth.

The Company embarked on diamond drilling (DD) and reverse circulation (RC) drilling programmes in November 2020 with the immediate objective to increase the existing resources by drill testing the down plunge extensions of known mineralisation. The Company is focusing on advanced precious metals opportunities in New Zealand and Mexico.

Previous Disclosure - 2012 JORC Code

Information relating to Mineral Resources, Exploration Targets and Exploration Data associated with the Company's projects in this announcement is extracted from the following ASX Announcements:

- ASX announcement titled "Drill Assays, Modelling & Metallurgy–Building Bendigo-Ophir Gold Assets" dated 1 July 2021.
- ASX announcement titled "Gold Resources Increased 155% to 643Koz" dated 28 September 2021
- ASX announcement titled "Bonanza gold grades continue beyond new Rise&Shine Resources" dated 23 December 2021
- ASX announcement titled "Impressive Drill Assays and Metallurgical Testwork Results" dated 3 March 2022

A copy of such announcement is available to view on the Santana Minerals Limited website www.santanaminerals.com. The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

Current Disclosure - Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Richard Keevers, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Keevers is a Director of Santana Minerals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' Mr Keevers consents to the inclusion in this report of the matters based on his information in the form and context in which it appears. The Company confirms that the form and context in which the Competent Person's findings are presented havenot been materially modified.

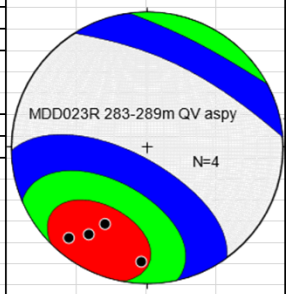
Forward Looking Statements

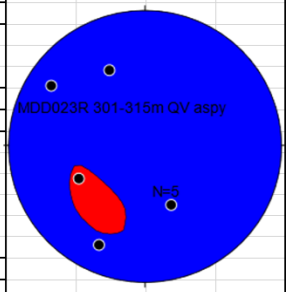
Forward-looking statements in this announcement include, but are not limited to, statements with respect to Santana's plans, strategy, activities, events or developments the Company believes, expects or anticipates will or may occur. By their very nature, forward-looking statements require Santana to make assumptions that may not materialize or that may not be accurate. Although Santana believes that the expectations reflected in the forward-looking statements in this announcement are reasonable, no assurance can be given that these expectations will prove to have been correct, as actual results and future events could differ materially from those anticipated in the forward-looking statements. Accordingly, viewers are cautioned not to place undue reliance on forward-looking statements. Santana does not undertake to update publicly or to revise any of the included forward-looking statements, except as may be required under applicable securities laws.

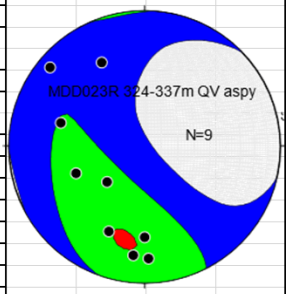
SANTANA MINERALS LIMITED

Appendix 1 RAS MDD023R Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD023R	0.0	276.0	276.0											
MDD023R	276.0	277.0	1.0	MG11726	-0.01					TZ3				
MDD023R	277.0	278.0	1.0	MG11727	-0.01									
MDD023R	278.0	279.0	1.0	MG11728	-0.01									
MDD023R	279.0	280.0	1.0	MG11729	-0.01									
MDD023R	280.0	281.0	1.0	MG11730	-0.01									
MDD023R	281.0	283.0	2.0	MG11731	-0.01					TGF				
MDD023R	283.0	284.0	1.0	MG11732	0.14					RSSZ		73	3	
MDD023R	284.0	285.0	1.0	MG11733	0.06							77	41	
MDD023R	285.0	286.0	1.0	MG11734	0.04									
MDD023R	286.0	287.0	1.0	MG11735	0.33									
MDD023R	287.0	288.0	1.0	MG11736	0.21									
MDD023R	288.0	289.0	1.0	MG11737	0.14							66	34	
MDD023R	289.0	290.0	1.0	MG11738	0.10							54	29	
MDD023R	290.0	291.0	1.0	MG11739	0.07									
MDD023R	291.0	292.0	1.0	MG11740	0.12									
MDD023R	292.0	293.0	1.0	MG11741	0.04									
MDD023R	293.0	294.0	1.0	MG11742	0.01									
MDD023R	294.0	295.0	1.0	MG11743	0.04					TZ4				
MDD023R	295.0	296.0	1.0	MG11747	0.03									
MDD023R	296.0	297.0	1.0	MG11748	-0.01									
MDD023R	297.0	298.0	1.0	MG11749	0.15					RSSZ				
MDD023R	298.0	299.0	1.0	MG11750	0.06									
MDD023R	299.0	300.0	1.0	MG11751	0.21									
MDD023R	300.0	301.0	1.0	MG11752	0.04					TZ4				
MDD023R	301.0	302.0	1.0	MG11753	0.53									
MDD023R	302.0	303.0	1.0	MG11754	0.05							45	64	
MDD023R	303.0	304.0	1.0	MG11755	0.28					RSSZ				
MDD023R	304.0	305.0	1.0	MG11756	0.32									
MDD023R	305.0	306.0	1.0	MG11757	0.19									
MDD023R	306.0	307.0	1.0	MG11758	0.29							71	123	
MDD023R	307.0	308.0	1.0	MG11759	3.69	13.00	0.65					52	155	
MDD023R	308.0	309.0	1.0	MG11760	0.79									
MDD023R	309.0	310.0	1.0	MG11761	0.16									
MDD023R	310.0	311.0	1.0	MG11762	0.77			7.00	0.98					
MDD023R	311.0	312.0	1.0	MG11763	0.39									
MDD023R	312.0	313.0	1.0	MG11764	0.35									
MDD023R	313.0	314.0	1.0	MG11765	0.69									
MDD023R	314.0	315.0	1.0	MG11766	0.14					TZ4		69	25	
MDD023R	315.0	316.0	1.0	MG11770	0.21							39	336	
MDD023R	316.0	317.0	1.0	MG11771	0.17									
MDD023R	317.0	318.0	1.0	MG11772	0.09									
MDD023R	318.0	319.0	1.0	MG11773	0.66					RSSZ				
MDD023R	319.0	320.0	1.0	MG11774	0.56									
MDD023R	320.0	321.0	1.0	MG11775	0.30			5.00	0.51					
MDD023R	321.0	322.0	1.0	MG11776	0.41									
MDD023R	322.0	323.0	1.0	MG11777	0.64									
MDD023R	323.0	324.0	1.0	MG11778	0.47									
MDD023R	324.0	325.0	1.0	MG11779	0.48							69	6	
MDD023R	325.0	326.0	1.0	MG11780	0.45							56	0	
MDD023R	326.0	327.0	1.0	MG11781	0.27									
MDD023R	327.0	328.0	1.0	MG11782	0.08									
MDD023R	328.0	329.0	1.0	MG11783	0.15	20.00	0.59					71	358	
MDD023R	329.0	330.0	1.0	MG11784	0.97									
MDD023R	330.0	331.0	1.0	MG11785	0.69									
MDD023R	331.0	332.0	1.0	MG11786	0.45							80	130	
MDD023R	332.0	333.0	1.0	MG11787	0.24			8.00	0.88					
MDD023R	333.0	334.0	1.0	MG11788	3.88							59	153	
MDD023R	334.0	335.0	1.0	MG11792	0.11									
MDD023R	335.0	336.0	1.0	MG11793	0.14							54	106	
MDD023R	336.0	337.0	1.0	MG11794	0.54									
MDD023R	337.0	338.0	1.0	MG11795	0.28							45	69	
MDD023R	338.0	339.0	1.0	MG11796	0.03							57	23	
MDD023R	339.0	340.0	1.0	MG11797	0.04							31	47	
MDD023R	340.0	341.0	1.0	MG11798	0.10									
MDD023R	341.0	342.0	1.0	MG11799	0.06									
MDD023R	342.0	343.0	1.0	MG11800	0.04					TZ4				
MDD023R	343.0	344.0	1.0	MG11801	0.20					RSSZ				
MDD023R	344.0	345.0	1.0	MG11802	-0.01									
MDD023R	345.0	346.0	1.0	MG11803	0.06									
MDD023R	346.0	347.0	1.0	MG11804	0.14									
MDD023R	347.0	348.0	1.0	MG11805	0.08									
MDD023R	348.0	349.0	1.0	MG11806	0.25									
MDD023R	349.0	350.0	1.0	MG11807	0.04					TZ4				
MDD023R	350.0	351.0	1.0	MG11808	0.15									
MDD023R	351.0	352.0	1.0	MG11809	0.19									
MDD023R	352.0	353.0	1.0	MG11810	0.11									
MDD023R	353.0	354.0	1.0	MG11811	0.16									
MDD023R	354.0	355.0	1.0	MG11812	0.02									
MDD023R	355.0	356.0	1.0	MG11813	0.91	2.00	0.61			RSSZ				
MDD023R	356.0	357.0	1.0	MG11817	0.30									
MDD023R	357.0	358.0	1.0	MG11818	0.13					TZ4				
MDD023R	358.0	359.2	1.2	MG11819	0.04									







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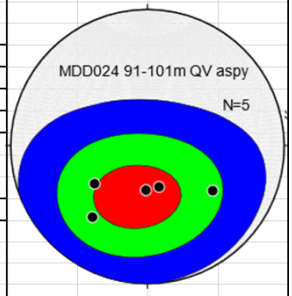
Appendix 1 RAS MDD024 Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD024	0.0	86.0	86.0		**0.00**									
MDD024	86.0	87.0	1.0	MG13001	**-0.01**									
MDD024	87.0	88.0	1.0	MG13002	**-0.01**					TZ3				
MDD024	88.0	89.0	1.0	MG13003	**-0.01**									
MDD024	89.0	90.0	1.0	MG13004	**-0.01**									
MDD024	90.0	91.0	1.0	MG13005	**-0.01**									
MDD024	91.0	91.7	0.7	MG13006	**0.02**					TGF				
MDD024	91.7	93.0	1.3	MG13007	**0.85**									
MDD024	93.0	94.0	1.0	MG13008	**2.32**									
MDD024	94.0	95.0	1.0	MG13009	**6.55**							55	38	
MDD024	95.0	96.0	1.0	MG13010	**0.06**	**7.3**	**5.23**	**7.30**	**5.23**	RSSZ		39	55	
MDD024	96.0	97.0	1.0	MG13011	**0.40**							25	344	
MDD024	97.0	98.0	1.0	MG13012	**26.40**						P	26	2	
MDD024	98.0	99.0	1.0	MG13013	**1.38**									
MDD024	99.0	100.0	1.0	MG13014	**0.09**									
MDD024	100.0	101.0	1.0	MG13015	**0.03**									
MDD024	101.0	102.0	1.0	MG13016	**0.06**							48	304	
MDD024	102.0	103.0	1.0	MG13017	**0.02**									
MDD024	103.0	104.0	1.0	MG13018	**0.08**									
MDD024	104.0	105.0	1.0	MG13019	**0.11**									
MDD024	105.0	106.0	1.0	MG13023	**0.11**					TZ4				
MDD024	106.0	107.0	1.0	MG13024	**0.05**									
MDD024	142.0	143.0	1.0	MG13066	**-0.01**									
MDD024	143.0	144.0	1.0	MG13067	**-0.01**									
MDD024	144.0	145.0	1.0	MG13068	**0.03**									
MDD024	145.0	146.0	1.0	MG13069	**-0.01**									
MDD024	146.0	147.0	1.0	MG13070	**0.04**									
MDD024	147.0	148.0	1.0	MG13071	**0.02**									
MDD024	148.0	149.0	1.0	MG13072	**0.55**					RSSZ		33	67	
MDD024	149.0	150.0	1.0	MG13073	**0.05**									
MDD024	150.0	151.0	1.0	MG13074	**0.03**									
MDD024	151.0	152.0	1.0	MG13075	**-0.01**									
MDD024	152.0	153.0	1.0	MG13076	**0.18**									
MDD024	153.0	154.0	1.0	MG13077	**0.21**									
MDD024	154.0	155.0	1.0	MG13078	**-0.01**									
MDD024	155.0	156.0	1.0	MG13079	**-0.01**					TZ4				
MDD024	156.0	157.0	1.0	MG13080	**0.02**									
MDD024	157.0	158.0	1.0	MG13081	**-0.01**									
MDD024	158.0	159.0	1.0	MG13082	**-0.01**									
MDD024	159.0	160.0	1.0	MG13086	**-0.01**									
MDD024	160.0	161.0	1.0	MG13087	**-0.01**									
MDD024	161.0	162.0	1.0	MG13088	**0.44**	**2.0**	**2.61**			RSSZ				
MDD024	162.0	163.0	1.0	MG13089	**4.78**			**1.0**	**4.78**					
MDD024	163.0	164.0	1.0	MG13090	**0.19**									
MDD024	164.0	165.0	1.0	MG13091	**-0.01**									
MDD024	165.0	166.0	1.0	MG13092	**-0.01**									
MDD024	166.0	167.0	1.0	MG13093	**-0.01**									
MDD024	167.0	168.0	1.0	MG13094	**-0.01**									
MDD024	168.0	169.0	1.0	MG13095	**-0.01**									
MDD024	169.0	170.0	1.0	MG13096	**-0.01**					TZ4				
MDD024	170.0	171.0	1.0	MG13097	**-0.01**									
MDD024	171.0	172.0	1.0	MG13098	**-0.01**									
MDD024	172.0	173.0	1.0	MG13099	**-0.01**									
MDD024	173.0	174.0	1.0	MG13100	**-0.01**									
MDD024	174.0	175.0	1.0	MG13101	**-0.01**									
MDD024	175.0	176.0	1.0	MG13102	**-0.01**									
MDD024	176.0	176.9	0.9	MG13103	**-0.01**									



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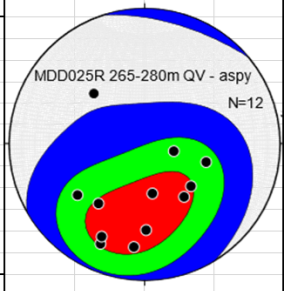
Appendix 1 RAS MDD025R Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD025R	0.0	259.0	259.0											
MDD025R	259.0	260.0	1.0	MG11828										
MDD025R	260.0	261.0	1.0	MG11829						TZ3				
MDD025R	261.0	262.0	1.0	MG11830										
MDD025R	262.0	263.0	1.0	MG11831										
MDD025R	263.3	264.0	0.7	MG11832						TGF				
MDD025R	264.0	265.0	1.0	MG11833	**2.35**									
MDD025R	265.0	266.0	1.0	MG11834	**31.20**							30	351	
MDD025R	266.0	267.0	1.0	MG11835	**51.20**						P	39	286	
MDD025R	267.0	268.0	1.0	MG11836	**11.80**						P	69	24	
MDD025R	268.0	269.0	1.0	MG11837	**4.76**							44	135	
MDD025R	269.0	270.0	1.0	MG11838	**1.97**							53	359	
MDD025R	270.0	271.0	1.0	MG11839	**0.74**	**14.00**	**9.00**	**14.00**	**9.00**			18	283	
MDD025R	271.0	272.0	1.0	MG11840	**13.50**							64	25	
MDD025R	272.0	273.0	1.0	MG11841	**4.68**							65	6	
MDD025R	273.0	274.0	1.0	MG11842	**0.77**						P	40	323	
MDD025R	274.0	275.0	1.0	MG11843	**0.43**							38	312	
MDD025R	275.0	276.0	1.0	MG11844	**0.30**						P	52	53	
MDD025R	276.0	277.0	1.0	MG11845	**0.24**					RSSZ		46	38	
MDD025R	277.0	278.0	1.0	MG11849	**2.02**									
MDD025R	278.0	279.0	1.0	MG11850	**0.08**									
MDD025R	279.0	280.0	1.0	MG11851	**0.01**									
MDD025R	280.0	281.0	1.0	MG11852	**-0.01**									
MDD025R	281.0	282.0	1.0	MG11853	**0.10**									
MDD025R	282.0	283.0	1.0	MG11854	**0.04**									
MDD025R	283.0	284.0	1.0	MG11855	**0.06**									
MDD025R	284.0	285.0	1.0	MG11856	**1.15**									
MDD025R	285.0	286.0	1.0	MG11857	**0.29**									
MDD025R	286.0	287.0	1.0	MG11858	**0.04**									
MDD025R	287.0	288.0	1.0	MG11859	**0.09**									
MDD025R	288.0	289.0	1.0	MG11860	**-0.01**									
MDD025R	289.0	290.0	1.0	MG11861	**0.01**					TZ4				
MDD025R	290.0	291.0	1.0	MG11862	**0.05**					RSSZ				
MDD025R	291.0	292.0	1.0	MG11863	**0.11**									
MDD025R	292.0	293.0	1.0	MG11864	**0.03**									
MDD025R	293.0	294.0	1.0	MG11865	**0.15**									
MDD025R	294.0	295.0	1.0	MG11866	**0.77**					TZ4				
MDD025R	295.0	296.0	1.0	MG11867	**0.09**									
MDD025R	296.0	297.0	1.0	MG11871	**-0.01**									
MDD025R	297.0	298.0	1.0	MG11872	**0.02**									
MDD025R	298.0	299.0	1.0	MG11873	**0.05**									
MDD025R	299.0	300.0	1.0	MG11874	**0.03**					RSSZ				
MDD025R	300.0	301.0	1.0	MG11875	**0.06**									
MDD025R	301.0	302.0	1.0	MG11876	**-0.01**					TZ4				
MDD025R	302.0	303.0	1.0	MG11877	**-0.01**									
MDD025R	303.0	304.0	1.0	MG11878	**-0.01**									
MDD025R	304.0	305.0	1.0	MG11879	**0.05**					RSSZ				
MDD025R	305.0	306.0	1.0	MG11880	**0.02**									



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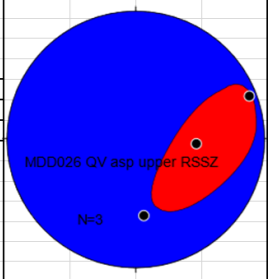
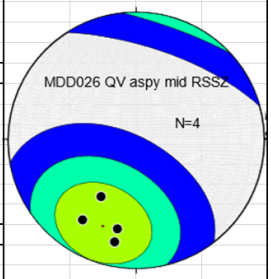
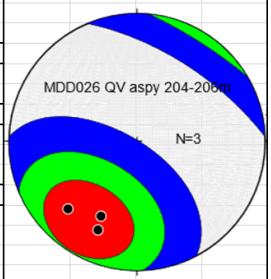
Appendix 1 RAS MDD026 Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD026	0.0	84.2	84.2		0.00					TZ3				
MDD026	84.2	86.7	2.5	MG13106	-0.01									
MDD026	86.7	87.5	0.8	MG13107	0.06					TGF				
MDD026	87.5	89.0	1.6	MG13108	0.26					TZ4				
MDD026	89.0	90.0	1.0	MG13109	0.08									
MDD026	90.0	91.0	1.0	MG13110	0.28									
MDD026	91.0	92.0	1.0	MG13111	-0.01									
MDD026	92.0	93.0	1.0	MG13112	0.23									
MDD026	93.0	94.0	1.0	MG13113	0.29									
MDD026	94.0	95.0	1.0	MG13114	1.02									
MDD026	95.0	96.0	1.0	MG13115	1.22					RSSZ		39	274	
MDD026	96.0	97.0	1.0	MG13116	0.49					TZ4		50	354	
MDD026	97.0	98.0	1.0	MG13117	0.81	19.55	0.40	8.0	0.68	RSSZ		84	249	
MDD026	98.0	99.0	1.0	MG13118	0.25					TZ4				
MDD026	99.0	100.0	1.0	MG13119	0.12									
MDD026	100.0	101.0	1.0	MG13120	0.05					RSSZ				
MDD026	101.0	102.0	1.0	MG13121	1.50									
MDD026	102.0	103.0	1.0	MG13122	0.02					TZ4				
MDD026	103.0	104.0	1.0	MG13123	0.20									
MDD026	104.0	105.0	1.0	MG13124	0.13									
MDD026	105.0	106.0	1.0	MG13128	0.33									
MDD026	106.0	107.0	1.0	MG13129	0.28					RSSZ				
MDD026	107.0	108.0	1.0	MG13130	0.01									
MDD026	108.0	109.0	1.0	MG13131	0.14									
MDD026	109.0	110.0	1.0	MG13132	0.09					TZ4				
MDD026	110.0	111.0	1.0	MG13133	0.28									
MDD026	111.0	112.0	1.0	MG13134	-0.01									
MDD026	112.0	113.0	1.0	MG13135	0.03									
MDD026	113.0	114.0	1.0	MG13136	0.01					RSSZ				
MDD026	114.0	115.0	1.0	MG13137	-0.01									
MDD026	115.0	116.0	1.0	MG13138	0.06									
MDD026	116.0	117.0	1.0	MG13139	-0.01									
MDD026	117.0	118.0	1.0	MG13140	0.35									
MDD026	118.0	119.0	1.0	MG13141	-0.01									
MDD026	119.0	120.0	1.0	MG13142	0.24									
MDD026	120.0	121.0	1.0	MG13143	0.16									
MDD026	120.0	168.0	48.0											
MDD026	168.0	169.0	1.0	MG13200	1.02					RSSZ				
MDD026	169.0	170.0	1.0	MG13201	0.05									
MDD026	170.0	171.0	1.0	MG13202	0.45									
MDD026	171.0	172.0	1.0	MG13203	-0.01					TZ4				
MDD026	172.0	173.0	1.0	MG13204	0.18	10.00	0.48			RSSZ				
MDD026	173.0	174.0	1.0	MG13205	0.04									
MDD026	174.0	175.0	1.0	MG13206	1.41					TZ4				
MDD026	175.0	176.0	1.0	MG13207	-0.01			4.0	0.76			43	32	
MDD026	176.0	177.0	1.0	MG13208	0.10									
MDD026	177.0	178.0	1.0	MG13209	1.53					RSSZ				
MDD026	178.0	179.0	1.0	MG13210	0.02									
MDD026	179.0	180.0	1.0	MG13211	0.02									
MDD026	180.0	181.0	1.0	MG13212	0.29									
MDD026	181.0	182.0	1.0	MG13216	0.02									
MDD026	182.0	183.0	1.0	MG13217	0.26									
MDD026	183.0	184.0	1.0	MG13218	0.03							64	34	
MDD026	184.0	185.0	1.0	MG13219	0.09									
MDD026	185.0	186.0	1.0	MG13220	0.06									
MDD026	186.0	187.0	1.0	MG13221	0.08					TZ4				
MDD026	187.0	188.0	1.0	MG13222	0.07					RSSZ		60	12	
MDD026	188.0	189.0	1.0	MG13223	-0.01					TZ4				
MDD026	189.0	190.0	1.0	MG13224	-0.01									
MDD026	190.0	191.0	1.0	MG13225	-0.01									
MDD026	191.0	192.0	1.0	MG13226	-0.01									
MDD026	192.0	193.0	1.0	MG13227	0.02					RSSZ				
MDD026	193.0	194.0	1.0	MG13228	0.03					TZ4				
MDD026	194.0	195.0	1.0	MG13229	-0.01									
MDD026	195.0	196.0	1.0	MG13230	-0.01									
MDD026	196.0	197.0	1.0	MG13231	-0.01									
MDD026	197.0	198.0	1.0	MG13232	-0.01									
MDD026	198.0	199.0	1.0	MG13233	-0.01									
MDD026	199.0	200.0	1.0	MG13234	-0.01									
MDD026	200.0	201.0	1.0	MG13235	0.01									
MDD026	201.0	202.0	1.0	MG13239	0.05									
MDD026	202.0	203.0	1.0	MG13240	-0.01									
MDD026	203.0	204.0	1.0	MG13241	0.04					RSSZ		64	24	
MDD026	204.0	205.0	1.0	MG13242	12.40	7.00	3.80	7.00	3.80					
MDD026	205.0	206.0	1.0	MG13243	0.15									
MDD026	206.0	207.0	1.0	MG13244	0.01					TZ4		64	46	
MDD026	207.0	208.0	1.0	MG13245	12.50									
MDD026	208.0	209.0	1.0	MG13246	0.21									
MDD026	209.0	210.0	1.0	MG13247	0.54									
MDD026	210.0	211.0	1.0	MG13248	0.76					RSSZ		54	26	
MDD026	211.0	212.0	1.0	MG13249	0.09					TZ4				
MDD026	212.0	213.0	1.0	MG13250	-0.01									
MDD026	213.0	214.0	1.0	MG13251	-0.01									
MDD026	214.0	215.0	1.0	MG13252	0.04									
MDD026	215.0	216.0	1.0	MG13253	0.03									
MDD026	216.0	217.0	1.0	MG13254	0.03									
MDD026	217.0	218.0	1.0	MG13255	1.35									
MDD026	218.0	219.0	1.0	MG13256	0.02									
MDD026	219.0	220.0	1.0	MG13257	0.01									
MDD026	220.0	221.0	1.0	MG13258	-0.01									
MDD026	221.0	221.7	0.7	MG13259	-0.01									







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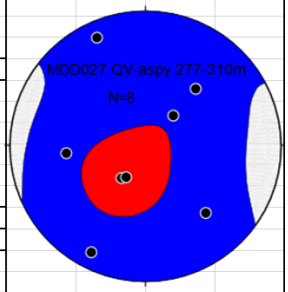
Appendix 1 RAS MDD027 Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD027	0.0	262.0	262.0											
MDD027	262.0	263.0	1.0	MG11945										
MDD027	263.0	264.0	1.0	MG11946						TZ3				
MDD027	264.0	265.0	1.0	MG11947										
MDD027	265.0	266.0	1.0	MG11948										
MDD027	266.0	266.8	0.8	MG11949										
MDD027	266.8	267.7	0.9	MG11950						TGF				
MDD027	267.7	269.0	1.4	MG11951	11.70						P			
MDD027	269.0	270.0	1.0	MG11952	12.80						P			silicified cataclasite aspy throughout zone
MDD027	270.0	271.0	1.0	MG11953	0.73						P			
MDD027	271.0	272.0	1.0	MG11954	0.52									
MDD027	272.0	273.0	1.0	MG11955	2.64									
MDD027	273.0	274.0	1.0	MG11956	0.42	11.35	3.29	11.35	3.29					
MDD027	274.0	275.0	1.0	MG11957	0.38									
MDD027	275.0	276.0	1.0	MG11958	0.45									
MDD027	276.0	277.0	1.0	MG11959	0.70									
MDD027	277.0	278.0	1.0	MG11960	0.54							77	156	
MDD027	278.0	279.0	1.0	MG11961	2.36									
MDD027	279.0	280.0	1.0	MG11962	0.04									
MDD027	280.0	281.0	1.0	MG11966	0.14									
MDD027	281.0	282.0	1.0	MG11967	0.11							47	221	
MDD027	282.0	283.0	1.0	MG11968	0.23									
MDD027	283.0	284.0	1.0	MG11969	0.28									
MDD027	284.0	285.0	1.0	MG11970	0.15									
MDD027	285.0	286.0	1.0	MG11971	0.18					RSSZ		24	37	
MDD027	286.0	287.0	1.0	MG11972	0.13									
MDD027	287.0	288.0	1.0	MG11973	0.10									
MDD027	288.0	289.0	1.0	MG11974	0.16									
MDD027	289.0	290.0	1.0	MG11975	0.41									
MDD027	290.0	291.0	1.0	MG11976	0.54									
MDD027	291.0	292.0	1.0	MG11977	0.34									
MDD027	292.0	293.0	1.0	MG11978	0.48							56	318	
MDD027	293.0	294.0	1.0	MG11979	0.04							22	32	
MDD027	294.0	295.0	1.0	MG11980	0.10									
MDD027	295.0	296.0	1.0	MG11981	0.15									
MDD027	296.0	297.0	1.0	MG11982	0.77			2	0.77			25	222	
MDD027	297.0	298.0	1.0	MG11983	0.77							49	85	
MDD027	298.0	299.0	1.0	MG11984	0.07									
MDD027	299.0	300.0	1.0	MG11988	0.20									
MDD027	300.0	301.0	1.0	MG11989	0.52									
MDD027	301.0	302.0	1.0	MG11990	0.49	24.00	0.49							
MDD027	302.0	303.0	1.0	MG11991	0.28									
MDD027	303.0	304.0	1.0	MG11992	0.15					TZ4				
MDD027	304.0	305.0	1.0	MG11993	0.25					RSSZ				
MDD027	305.0	306.0	1.0	MG11994	0.01									
MDD027	306.0	307.0	1.0	MG11995	0.00									
MDD027	307.0	308.0	1.0	MG11996	0.00					TZ4				
MDD027	308.0	309.0	1.0	MG11997	0.13					RSSZ				
MDD027	309.0	310.0	1.0	MG11998	0.12							77	27	
MDD027	310.0	311.0	1.0	MG11999	0.03					TZ4				
MDD027	311.0	312.0	1.0	MG12000	0.11					RSSZ				
MDD027	312.0	313.0	1.0	MG12001	5.87			1	5.87					
MDD027	313.0	314.0	1.0	MG12002	0.02					TZ4				
MDD027	314.0	315.0	1.0	MG12003	0.11									
MDD027	315.0	316.0	1.0	MG12004	0.05									
MDD027	316.0	317.0	1.0	MG12005	0.06									
MDD027	317.0	318.0	1.0	MG12006	0.02									
MDD027	318.0	319.0	1.0	MG12010	0.08							34	357	
MDD027	319.0	320.0	1.0	MG12011	0.07					RSSZ		54	37	
MDD027	320.0	321.0	1.0	MG12012	-0.01									
MDD027	321.0	322.0	1.0	MG12013	0.01					TZ4				
MDD027	322.0	323.0	1.0	MG12014	0.18					RSSZ				
MDD027	323.0	324.0	1.0	MG12015	0.09							50	40	
MDD027	324.0	325.0	1.0	MG12016	-0.01					TZ4				
MDD027	325.0	326.0	1.0	MG12017	0.07					RSSZ		66	60	
MDD027	326.0	327.0	1.0	MG12018	0.33							33	12	
MDD027	327.0	328.0	1.0	MG12019	-0.01					TZ4				
MDD027	328.0	329.0	1.0	MG12020	-0.01									
MDD027	329.0	330.0	1.0	MG12021	1.99					RSSZ				
MDD027	330.0	331.0	1.0	MG12022	-0.01									
MDD027	331.0	332.0	1.0	MG12023	0.02					TZ4				



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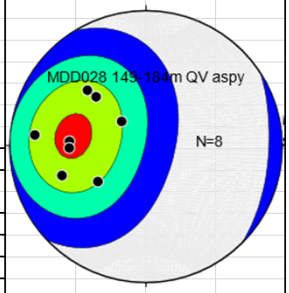
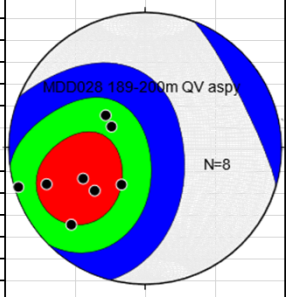
Appendix 1 RAS MDD028 Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD028	0.0	142.0	142.0		0.00									
MDD028	142.0	143.0	1.0	MG13263	0.01									
MDD028	143.0	144.0	1.0	MG13264	0.02					TZ3				
MDD028	144.0	145.0	1.0	MG13265	-0.01									
MDD028	145.0	146.0	1.0	MG13266	0.01									
MDD028	146.0	147.2	1.2	MG13267	0.01									
MDD028	147.2	147.7	0.5	MG13268	0.11					TGF				
MDD028	147.7	149.0	1.3	MG13269	1.10									
MDD028	149.0	150.0	1.0	MG13270	0.28							71	96	
MDD028	150.0	151.0	1.0	MG13271	0.41									
MDD028	151.0	152.0	1.0	MG13272	0.14					RSSZ				
MDD028	152.0	153.0	1.0	MG13273	1.89									
MDD028	153.0	154.0	1.0	MG13274	0.25			11.32	1.29					
MDD028	154.0	155.0	1.0	MG13275	1.87									
MDD028	155.0	156.0	1.0	MG13276	0.73					TZ4				
MDD028	156.0	157.0	1.0	MG13277	5.71									
MDD028	157.0	158.0	1.0	MG13278	0.99									
MDD028	158.0	159.0	1.0	MG13279	0.81									
MDD028	159.0	160.0	1.0	MG13280	0.03									
MDD028	160.0	161.0	1.0	MG13281	0.39					RSSZ				
MDD028	161.0	162.0	1.0	MG13282	0.19									
MDD028	162.0	163.0	1.0	MG13286	0.15									
MDD028	163.0	164.0	1.0	MG13287	1.59									
MDD028	164.0	165.0	1.0	MG13288	1.97									
MDD028	165.0	166.0	1.0	MG13289	0.17	35.32	0.90							
MDD028	166.0	167.0	1.0	MG13290	1.14									
MDD028	167.0	168.0	1.0	MG13291	0.94			9.0	1.38	TZ4				
MDD028	168.0	169.0	1.0	MG13292	0.82					RSSZ				
MDD028	169.0	170.0	1.0	MG13293	0.25					TZ4				
MDD028	170.0	171.0	1.0	MG13294	0.06					RSSZ				
MDD028	171.0	172.0	1.0	MG13295	5.45									
MDD028	172.0	173.0	1.0	MG13296	0.27					TZ4				
MDD028	173.0	174.0	1.0	MG13297	0.07									
MDD028	174.0	175.0	1.0	MG13298	0.91							36	54	
MDD028	175.0	176.0	1.0	MG13299	0.02									
MDD028	176.0	177.0	1.0	MG13300	0.02									
MDD028	177.0	178.0	1.0	MG13301	0.06							47	94	
MDD028	178.0	179.0	1.0	MG13302	0.38							47	89	
MDD028	179.0	180.0	1.0	MG13303	0.55					RSSZ				
MDD028	180.0	181.0	1.0	MG13304	0.34			4.0	0.60			50	134	
MDD028	181.0	182.0	1.0	MG13305	0.22							43	135	
MDD028	182.0	183.0	1.0	MG13309	1.28									
MDD028	183.0	184.0	1.0	MG13310	0.06							55	71	
MDD028	184.0	185.0	1.0	MG13311	0.01							21	136	
MDD028	185.0	186.0	1.0	MG13312	0.04									
MDD028	186.0	187.0	1.0	MG13313	-0.01					TZ4				
MDD028	187.0	188.0	1.0	MG13314	-0.01					RSSZ				
MDD028	188.0	189.0	1.0	MG13315	0.09					TZ4		87	73	
MDD028	189.0	190.0	1.0	MG13316	0.27									
MDD028	190.0	191.0	1.0	MG13317	0.06					RSSZ		26	33	
MDD028	191.0	192.0	1.0	MG13318	0.76						P	31	130	
MDD028	192.0	193.0	1.0	MG13319	0.26									
MDD028	193.0	194.0	1.0	MG13320	-0.01	10.0	0.60			TZ4				
MDD028	194.0	195.0	1.0	MG13321	0.17			8.0	0.71					
MDD028	195.0	196.0	1.0	MG13322	0.05					RSSZ		24	123	
MDD028	196.0	197.0	1.0	MG13323	1.02							67	44	
MDD028	197.0	198.0	1.0	MG13324	2.06							66	70	
MDD028	198.0	199.0	1.0	MG13325	1.40					TZ4		40	50	
MDD028	199.0	200.0	1.0	MG13326	0.01									
MDD028	200.0	201.0	1.0	MG13327	0.16					RSSZ		42	64	
MDD028	201.0	202.0	1.0	MG13328	0.03									

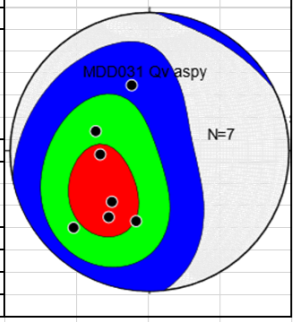




Appendix 1 RAS MDD031 Mineralised Intercepts – Assay results, quartz-arsenopyrite veins, geology

Hole_No	From m	To m	Interval m	Sample_ID	Au g/t	Composite metres min025	Composite Au g/t min025	Composite metres min050	Composite Au g/t min050	Geol Log	Visible Gold	QV-aspy Dip	QV-aspy Dip-Dir	Stereonet Plots of Poles to QV-Aspy Planes (Kamb Contours)
MDD031	0.0	279.3	279.3							TZ3				
MDD031	279.3	280.8	1.5							TGF				
MDD031	280.8	282.0	1.2	MG12173	**0.89**									
MDD031	282.0	283.0	1.0	MG12174	**7.87**									
MDD031	283.0	284.0	1.0	MG12175	**1.95**						P			**stockwork veining 2% aspy**
MDD031	284.0	285.0	1.0	MG12176	**16.90**									
MDD031	285.0	286.0	1.0	MG12177	**3.09**									
MDD031	286.0	287.0	1.0	MG12178	**0.28**									
MDD031	287.0	288.0	1.0	MG12179	**7.42**									
MDD031	288.0	289.0	1.0	MG12180	**9.24**									
MDD031	289.0	290.0	1.0	MG12181	**0.10**									
MDD031	290.0	291.0	1.0	MG12182	**0.37**									
MDD031	291.0	292.0	1.0	MG12183	**1.66**			**21.2**	**4.38**					
MDD031	292.0	293.0	1.0	MG12184	**2.52**	**24.2**	**3.89**					**41**	**165**	
MDD031	293.0	294.0	1.0	MG12185	**0.23**					**RSSZ**				
MDD031	294.0	295.0	1.0	MG12186	**0.14**									
MDD031	295.0	296.0	1.0	MG12187	**1.03**									
MDD031	296.0	297.0	1.0	MG12191	**12.20**						P			
MDD031	297.0	298.0	1.0	MG12192	**10.00**						P			
MDD031	298.0	299.0	1.0	MG12193	**0.49**							**42**	**11**	
MDD031	299.0	300.0	1.0	MG12194	**0.25**									
MDD031	300.0	301.0	1.0	MG12195	**12.90**									
MDD031	301.0	302.0	1.0	MG12196	**2.45**									
MDD031	302.0	303.0	1.0	MG12197	**0.46**							**37**	**37**	
MDD031	303.0	304.0	1.0	MG12198	**0.06**									
MDD031	304.0	305.0	1.0	MG12199	**0.83**							**66**	**45**	
MDD031	305.0	306.0	1.0	MG12200	**0.03**									

*** assays pending 306 to 380.1 metres**



JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	*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 down hole 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 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.*	Diamond drill (DD) core samples for laboratory assay are typically 1 metre samples of diamond saw cut ½ diameter core. Where distinct mineralisation boundaries are logged, sample lengths are adjusted to the respective geological contact. Samples are crushed at the receiving laboratory to minus 2mm (80% passing) and split to provide 1kg for pulverising to -75um. Pulps are fire assayed using a 50g charge.

Criteria	JORC Code explanation	Commentary
Drilling techniques	*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).*	Current drilling techniques are diamond coring (DD) PQ3 and HQ3 size triple tube. Where PQ3 core size (83mm diameter) is commenced this is maintained throughout the DD hole until drilling conditions dictate reduction in size to HQ3 core (61mm diameter). Drillholes are oriented to intersect known mineralised features in a nominally perpendicular orientation as much as is practicable. All drill core is oriented to assist with interpretation of mineralisation and structure using a Trucore orientation tool.
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.*	DD core sample recoveries are recorded by the drillers at the time of drilling by measuring the actual distance of the drill run against the actual core recovered. The measurements are checked by the site geologist. When poor core recoveries are recorded the site geologist and driller endeavour to immediately rectify any problems to maintain maximum core recoveries. DD core logging to date indicate >97% recoveries. The drilling contract used states for any given run, a level of recovery is required otherwise financial penalties are applied to the drill contractor to ensure sample recovery priority along with production performance.

Criteria	JORC Code explanation	Commentary
Logging	*Whether core and chip samples have been geologically and geotechnically 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, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	All DD holes have been logged for their entire sampled length below upper open hole drilling (nominally 0-240 metres below collar). Data is recorded directly into digital spreadsheets and then uploaded into an Access cloud database with sufficient detail that supports Mineral Resource estimations (MRE). Logging is mostly qualitative but there are estimations of quartz and sulphide content and quantitative records of geological / structural unit, oxidation state and water table boundaries. Oriented DD core allows alpha / beta measurements to determine structural element detail (dip / dip direction) to supplement routine recording of lithologies / alteration / mineralisation / structure / oxidation / colour and other features for MRE reporting. All core is photographed wet and dry before cutting.
Sub-sampling techniques 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.* *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.*	Industry standard laboratory sample preparation methods are suitable for the mineralisation style and involve, oven drying, crushing and splitting of samples to 1kg for pulverising to -75um. Pulps are fire assayed using a 50g charge. 50g charge is considered minimum requirement for the coarse nature of the gold. Larger screen fire assays and 1kg Leachwell determinations are conducted periodically as a QAQC check. Large diameter (83mm) PQ3 core was maintained (where conditions allow) for DD holes to MDD016 and subsequently HQ3 (61mm) for drillholes MDD017 to MDD031. DD core drill samples are sawn in ½ along the length of the core on cut lines marked by geologists' perpendicular to structure / foliation or to bisect vein mineralisation for representative samples whilst preserving the orientation line. Intervals required for QAQC checks are ¼ core from ½ sections of core to be sent for assay. QAQC procedures include field replicates, standards, and blanks at a frequency of ~4% and also cross-lab assay checks at an umpire laboratory.

Criteria	JORC Code explanation	Commentary
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.*	DD core for gold assays undergo sample preparation by SGS laboratory Westport and 50g fire assay with an AAS finish (SGS method FAA505, DDL 0.01ppm Au) by SGS laboratory Waihi. Portable XRF (pXRF) instrumentation is used onsite (Olympus Innov-X Delta Professional Series model DPO-4000 equipped with a 4 W 40kV X-Ray tube) primarily to identify arsenical samples (arsenic correlates well with gold grade in these orogenic deposits). The pXRF analyses a 31-element suite (Ag, As, Bi, Ca, Cd, Cl, Co, Cr, Cu, Fe, Hg, K, Mn, Mo, Nb, Ni, P, Pb, Rb, S, Sb, Se, Sn, Sr, Th, Ti, V, W, Y, Zn, Zr) utilising 3 beam Soil mode, each beam set for 30 seconds (90 seconds total). pXRF QAQC checks involve 2x daily calibration and QAQC analyses of SiO2 blank and NIST standards (NIST 2710a & NIST 2711a). For laboratory QAQC, samples (3*certified standards, blanks and field replicates) are inserted into laboratory batches at a frequency of ~4% and ~5% respectively. Samples are selected at the end of each drilling campaign to be sent to an umpire laboratory for cross-lab check assays.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	Significant gold assays and pXRF arsenic analyses are checked by alternative senior company personnel. Original lab assays are initially reported and where replicate assays and other QAQC work require re-assay or screen fire assays, the results from the larger samples are adopted. To date results are accurate and fit well with the mineralisation model. Some DD core holes have been sited adjacent to previous RC drillholes to provide twinned data. pXRF multi-element analyses are directly downloaded from the pXRF analyser as csv electronic files. These and laboratory assay csv files are imported into the database, appended and merged with previous data. The database master is stored off-site and periodically updated and verified by an independent qualified person. There have been no adjustments to analytical data presented.

Criteria	JORC Code explanation	Commentary
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.*	DD drillhole collar locations are accurate (+/- 50mm) xyz coordinates when captured by a licensed surveyor using RTK-GPS equipment. All drillholes to MDD031 have been surveyed by RTK-GPS equipment with subsequent and planned collar locations based on hand-held GPS coordinates with xy accuracy of +/-3 metres and RL accuracy to 0.5 metres from detailed LiDAR DTM. All drill holes reference the NZTM map projection and collar RLs the NZVD2016 vertical datum. DD down hole surveys are recorded at 12m intervals using a Reflex multi-shot camera.
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.*	Drillhole collar spacing is variable and considered appropriate for determination of geological and grade continuity during this phase of the drilling programme. Site locations in steep terrain are dictated by best access allowed by contour tracks with gentle gradients to allow safe working drill pad excavations. No compositing of samples is being undertaken for analysis. Sampling and assaying are in one metre intervals or truncated to logged features.
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.*	The majority of drillholes in this campaign are inclined (-60° or -75°) to 270°T to intercept mineralisation at a reasonable angle and facilitate core orientation measurements. There is not anticipated to be any introduced bias for resource estimates.

Criteria	JORC Code explanation	Commentary
Sample security	*The measures taken to ensure sample security.*	Company personnel manage the chain of custody from sampling site to laboratory. DD drill core samples are transported daily from DD rig by the drilling contractor in numbered core boxes to the Company secure storage facility for logging and sample preparation. After core cutting, the core for assay is bagged, securely tied, and weighed before being placed in polyweave bags which are securely tied. Retained core is stored on racks in secure locked containers. Polyweave bags with the calico bagged samples for assay are placed in steel cage pallets, sealed with a wire-tied tarpaulin cover, photographed, and transported to local freight distributer for delivery to the laboratory. On arrival at the laboratory photographs taken of the consignment are checked against despatch condition to ensure no tampering has occurred.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	An independent competent Person (CP) conducted a site audit in January 2021 of all sampling techniques and data management. No major issues were identified, and recommendations have been followed. Further CP site audits will be undertaken in 2022.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
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.*	Exploration is being currently conducted within Mineral Exploration Permit (MEP) 60311 (252km²) registered to Matakanui Gold Ltd (MGL) issued on 13th April 2018 for 5 years with renewal date on 12th April 2023. MGL has the gold rights for this tenement. There are no material issues with third parties. MGL applied for a Minerals Prospecting Permit (MPPA) in March 2022, and this is in process with the Government Ministerial Authority (NZPAM) for issue under MPP 60882. The tenure of the Permits is secure and there are no known impediments to obtaining a licence to operate. The Project is subject to a 1.5% Net Smelter Royalty (NSR) on all production from MEP 60311 (successor permits) payable to an incorporated, private company (Rise and Shine Holdings Limited) which is owned by the prior shareholders of MGL (NSRW Agreement) before acquisition of 100% of MGL shares by Santana Minerals Limited.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	Early exploration in the late 1800's and early 1900's included small pits, adits and cross-cuts and alluvial mining. Exploration has included soil and rock chip sampling by numerous companies since 1983 with drilling starting in 1986. Exploration in the 1990's commenced with a search for Macraes style gold deposits along the RSSZ. Drilling included 13 RC holes by Homestake NZ Exploration Ltd in 1986, 20 RC holes by BHP Gold Mines NZ Ltd in 1988 (10 of these holes were in the Bendigo Reefs area which is not part of the MRE area), 5 RC holes by Macraes Mining Company Ltd in 1991, 22 shallow (probably blasthole) holes by Aurum Reef Resources (NZ) Ltd in 1996, 30 RC holes by CanAlaska Ventures Ltd from 2005-2007, 35 RC holes by MGL in 2018 and a further 18 RC holes by MGL in 2019.

Criteria	JORC Code explanation	Commentary
Geology	• *Deposit type, geological setting and style of mineralisation.*	The RSSZ is a low-angle late-metamorphic shear-zone, presently known to be up to 120m thick. It is sub-parallel to the metamorphic foliation and dips gently to the north- east. It occurs within psammitic, pelitic and meta-volcanic rocks. Gold mineralisation is concentrated in multiple deposits along the RSSZ. In the Project area there are 4 deposits with Mineral Resource Estimates (MRE) – Come-in-Time (CIT), Rise and Shine (RAS), Shreks (SHR) and Shreks-East (SRE). The gold and associated pyrite/arsenopyrite mineralisation at all deposits occur along micro-shears, and in brecciated / laminar quartz veinlets within the highly- sheared schist. There are several controls on mineralisation with apparent NNW, N and NNE trending structures all influencing gold distribution. Shear dominated mineralisation within the top 20-40m of the shear zone is in a unit termed the "Hanging Wall Shear" (HWS) which lies immediately below the Thomsons Gorge Fault (TGF). The TGF is a regional low-angle fault that separates upper barren chlorite (TZ3) schist from underlying mineralised biotite (TZ4) schists. Stacked stockwork vein swarms (SVS) occur deeper in the RSSZ. Unlike Macraes, the gold mineralisation in the oxide, transition and fresh zones is characterised by coarse free gold and silica- poor but extensive ankerite alteration.

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.*
		Refer to the body of text.
		No material information has been excluded.

Criteria	JORC Code explanation	Commentary
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.* • *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.*	Significant gold intercepts are reported using 0.25g/t Au and 0.50g/t Au lower grade cut-offs with 4m of internal dilution included. Broad zonation is: 0.10g/t Au cut-off defines the wider low-grade halo of mineralisation, 0.25g/t Au cut-off represents possible economic mineralisation, with 0.50g/t Au defining high-grade axes / envelopes. Metal unit (MU) distribution, where shown on maps and in tables are calculated from total drill hole Au * associated drill hole interval metres. pXRF analytical results reported for laboratory pulp returns are considered accurate for the suite of elements analysed. Where gold assays are pending, minimum 1,000 ppm composited arsenic values provide a preliminary representation of potential mineralised zones and include 4m <1,000 ppm internal dilution.
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').*	All intercepts quoted are downhole widths. Intercepts are associated with a major 20-120m thick low-angle mineralised shear that is largely perpendicular to the drillhole traces. Aggregate widths of mineralisation reported are drillhole intervals >0.50g/t Au occurring in low-angle stacked zones. There are steeply dipping narrow (1-5m) structures deeper in the footwall and the appropriateness of the current drillhole orientation will become evident and modified as additional drill results dictate.
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.*	Refer to figures in the body of the text.
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 significant intercepts have been reported.

Criteria	JORC Code explanation	Commentary
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.*	Not applicable; meaningful and material results are reported in the body of the text.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth 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.*	DD drilling down dip / down plunge to the north of existing resources is continuing at RAS on ~120 metre step-out east-west drill sections. Further work is following at RAS, CIT and SHR deposits as results dictate, which may include infill RC, further DD core drilling, and metallurgical test-work. A new 2021 MRE update (to JORC Code 2012) was completed in September 2021 which increased Inferred Resources 155% to 643Koz from the 252Koz 2019 MRE (0.25g/t lower cut-off). A 2022 MRE upgrade to RAS is currently underway. Potential extensions to mineralisation and resources are shown in figures in the body of the text.