SANTANA MINERALS LIMITED

ASX Announcement

Date: 2nd June 2023

HIGH GRADE INTERCEPT FROM INFILL DRILLING SOUTH OF RAS RIDGE

- **A number of new drillholes with full assay results are reported for the Rise & Shine (RAS) deposit within the Inferred Resources and beyond the Indicated Resources of the February 2023 Mineral Resource Estimate (MRE).**
- **The most significant intercept is (with top-cut and 0.5g/t Au lower cut-off):**
  - **MDD142 – Aggregate 28.0m @ 4.6g/t between 133.0m and 185.0m including visible gold at 162m, 167m, and 169m.**
- **Metallurgy test results from the remaining samples subjected to BLEG and Fire Assay of the BLEG residue have been reported and continue to demonstrate recoveries of the order of 90%.**

2 June 2023 Santana Minerals Limited (ASX: SMI) ("Santana" or "the Company") is pleased to announce further results from the 100% owned Bendigo-Ophir Project ("the Project").

The Project consists of **2.9Moz of gold** in the new mineral resource estimate (MRE) in four Rise and Shine Shear Zone (RSSZ) deposits as shown in Figure 6 (ASX announcement on 2 Feb 2023), which remain open down-plunge at depth. The MRE includes a maiden indicated resource of **0.3Moz at 4.3g/t Au of gold** (with top-cut and 0.5g/t Au lower cut-off) at the RAS deposit. Drilling is continuing to expand resource potential with 17,913 metres drilled since the completion of the Feb 2023 MRE.

Latest Drill Assay Results from RAS

Assays have been received for seven RAS drillholes (Figure 1 and Appendix 3) from infill drilling of the inferred resource area throughout RAS. Of these results, the most significant intercepts and their intervals and grades are (with top-cut applied and 0.5g/t Au lower cut-off):

Section SSW-NNE (see Figure 2)

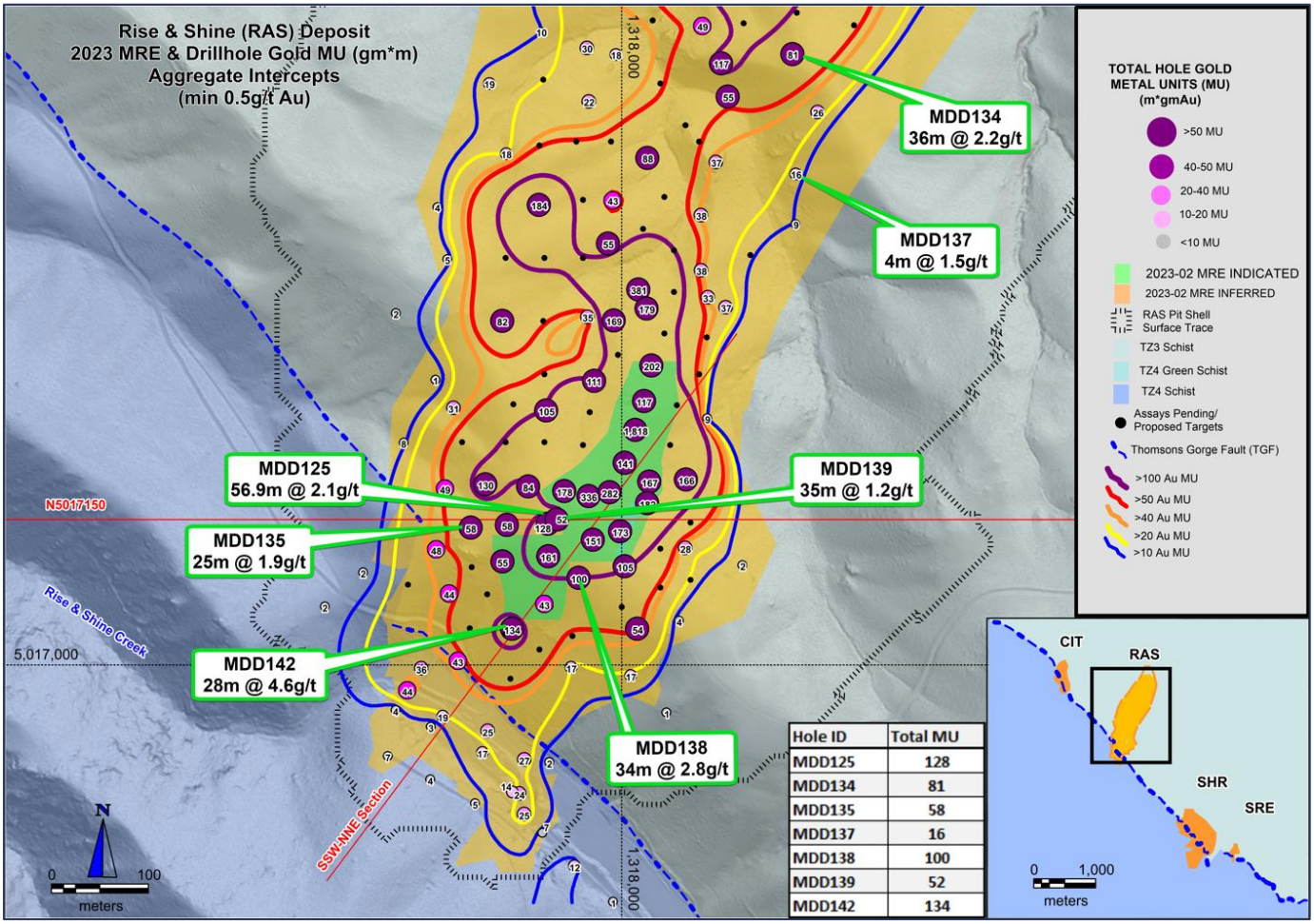
- **MDD138** – Aggregate **34.0m @ 2.8g/t** between 163.0m and 238.0m including visible gold at 169m.
  - Including **24m @ 2.7g/t** from 163.0m and **11m @ 2.1g/t** from 197.0m
- **MDD142** – Aggregate **28.0m @ 4.6g/t** between 133.0m and 185.0m including visible gold at 162m, 167m, and 169m.

Section N5017150 (see Figure 3)

- **MDD125** – Aggregate **56.9m @ 2.1g/t** between 145.1m and 262.0m
  - Including **16m @ 2.8g/t** from 164.0m
- **MDD135** – Aggregate **24.0m @ 2.0g/t** between 123.0m and 204.0m
  - Including **7m @ 2.3g/t** from 150.0m and **5m @ 2.4g/t** from 177.0m
- **MDD139** – Aggregate **35.0m @ 1.2g/t** between 143.0m and 272.0m including visible gold at 179m and 182m.
  - Including **9m @ 2.2g/t** from 178.0m

And

- **MDD134** – Aggregate **36.0m @ 2.2g/t** between 264.0m and 304.0m (See Figure 1 plan).



Hole ID	Total MU
MDD125	128
MDD134	81
MDD135	58
MDD137	16
MDD138	100
MDD139	52
MDD142	134

Figure 1 RAS Infill Drilling Latest Results including location of sections in Figures 2 and 3.

These assay results clearly show the continuity of the mineralisation in the southern area of RAS highlighted by the result from MDD142. The photographs of selected core (Appendix 4) alongside the detailed assay results (Appendix 3) further reinforce this interpretation. Detailed structural modelling is well advanced to better understand the mineralisation controls and these will be integrated into the overall resource modelling in the coming months.

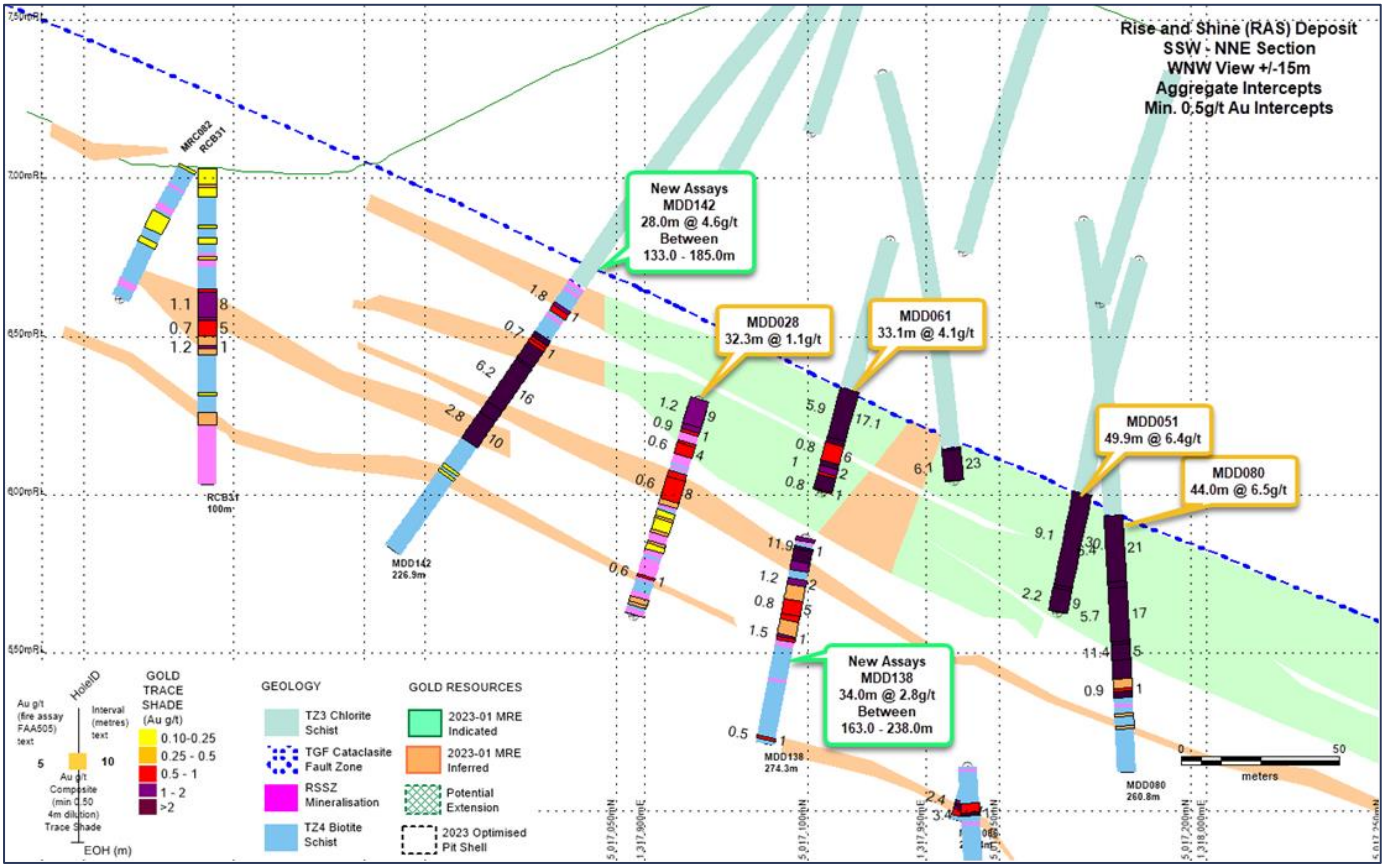


Figure 2 Section SSW-NNE showing the trace of MDD142 with the high-grade intercept south of the indicated resources from the Feb 2023 MRE.

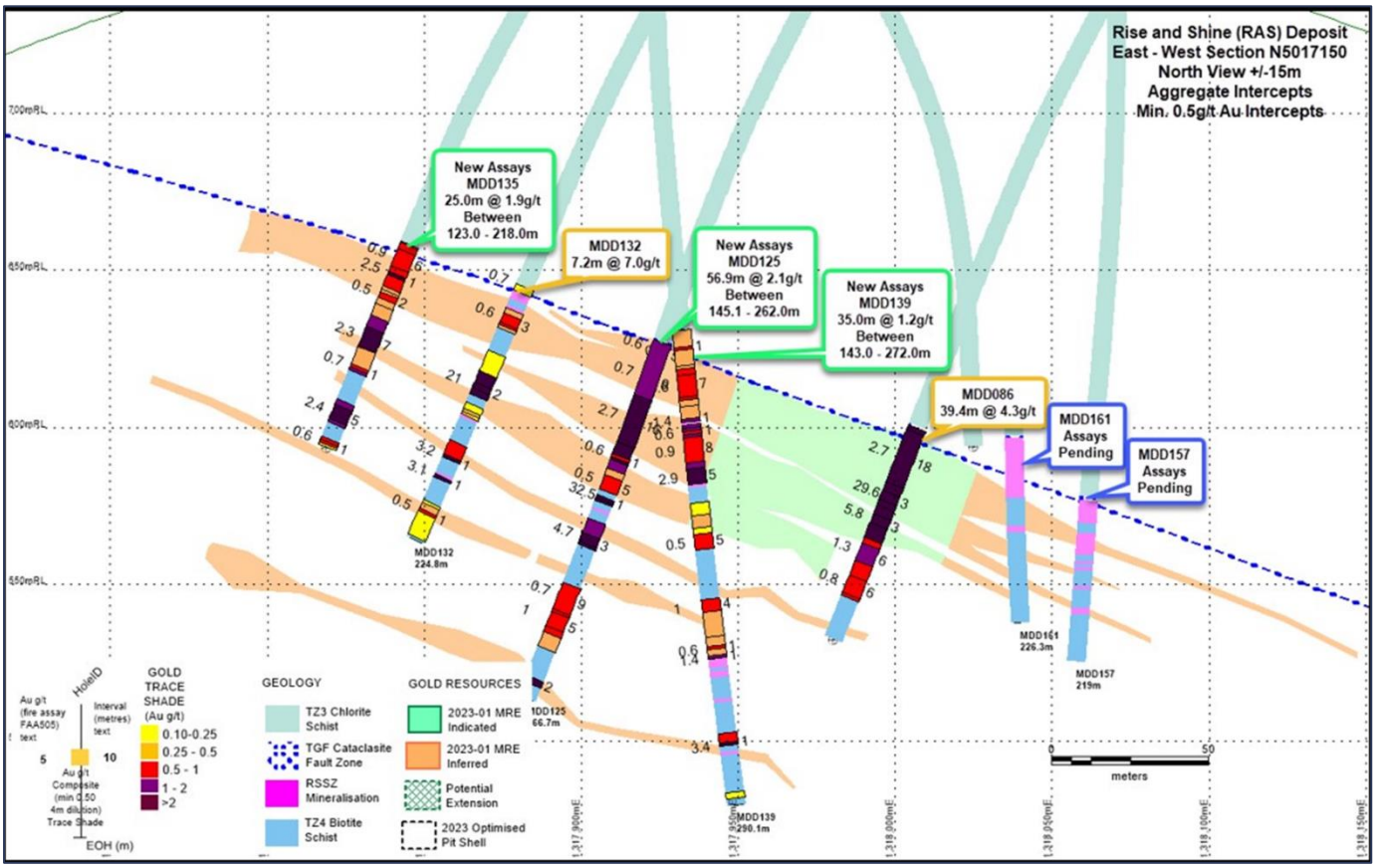


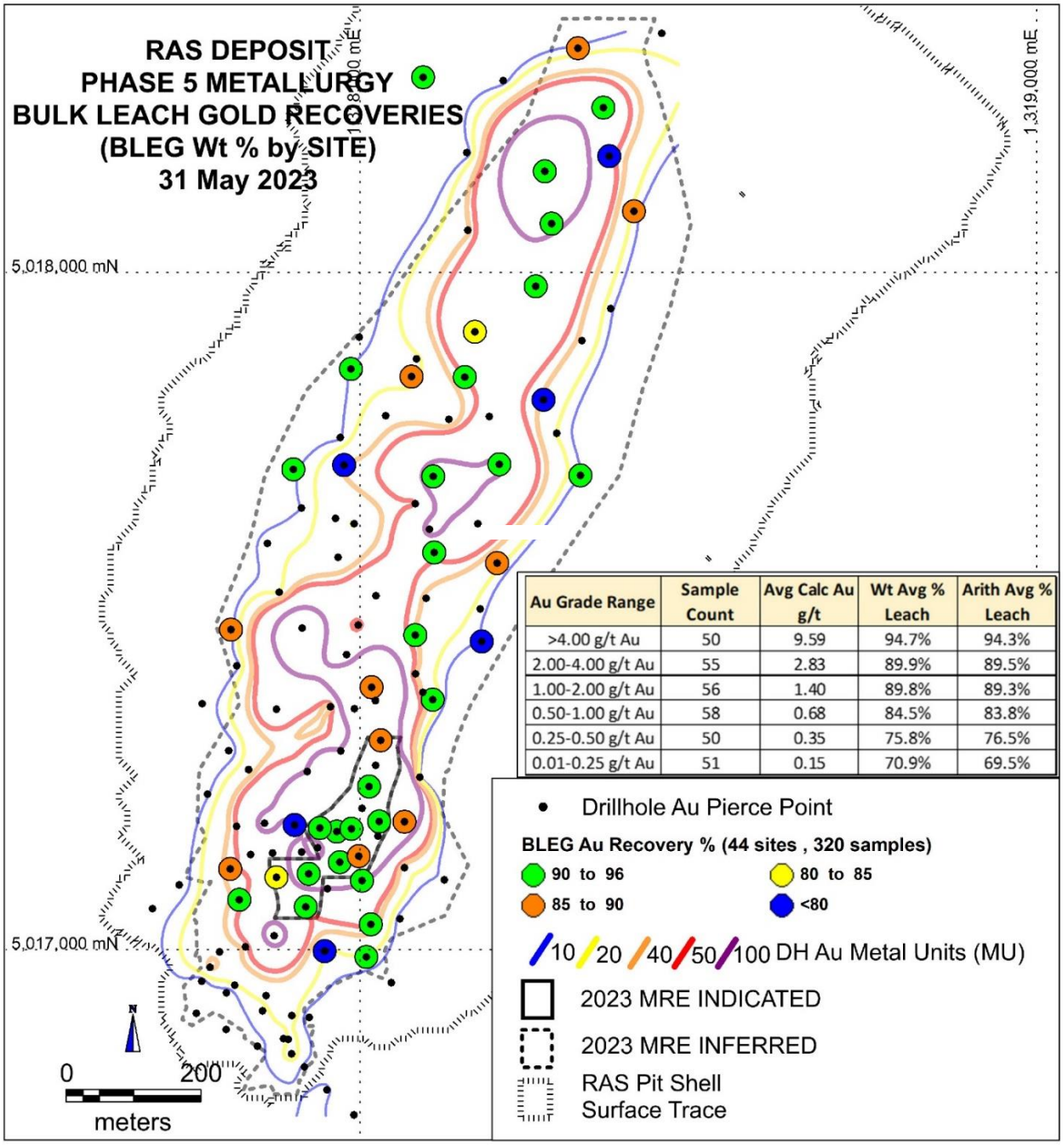
Figure 3 Section N5017150 showing the new assay results against previously reported drillholes and the resource classification domains.

Interim Phase 5 Metallurgy Testwork Results.

Following on from the ASX announcement of 24th April 2023, the results from the balance of testing of 320 samples have been received. The testwork objective was to better understand the cyanide leach characteristics of the mineralization, by undertaking bulk leach extractable gold (BLEG) testing on minus 75-micron material from 320 drill core crush reject samples, followed by gold fire assay of the BLEG residue.

The 320 samples were taken from 44 drillholes across the RAS deposit. The results indicate higher gold recoveries are associated with higher grades (per grade bin table in Figure 4) and spatially occur throughout the axis of the deposit (per Plan). For each gold grade bin above 0.5g/t Au the weighted average of recovery via leach ranges between 84.5% and 94.7% with an average head grade of 3.5g/t at a cut-off of 0.5g/t Au. The leach recoveries of all 320 samples are plotted against head grade in Figure 5.

The final part of the Phase 5 testing is underway and aims to understand the deportment of the gold in the BLEG residues using aqua regia gold extraction on 51 residue samples and the impact of grind size on gold cyanide leach recovery on 10 BLEG samples.



Au Grade Range	Sample Count	Avg Calc Au g/t	Wt Avg % Leach	Arith Avg % Leach
>4.00 g/t Au	50	9.59	94.7%	94.3%
2.00-4.00 g/t Au	55	2.83	89.9%	89.5%
1.00-2.00 g/t Au	56	1.40	89.8%	89.3%
0.50-1.00 g/t Au	58	0.68	84.5%	83.8%
0.25-0.50 g/t Au	50	0.35	75.8%	76.5%
0.01-0.25 g/t Au	51	0.15	70.9%	69.5%

Figure 4 Location of BLEG samples and their respective gold recovery via cyanide leach

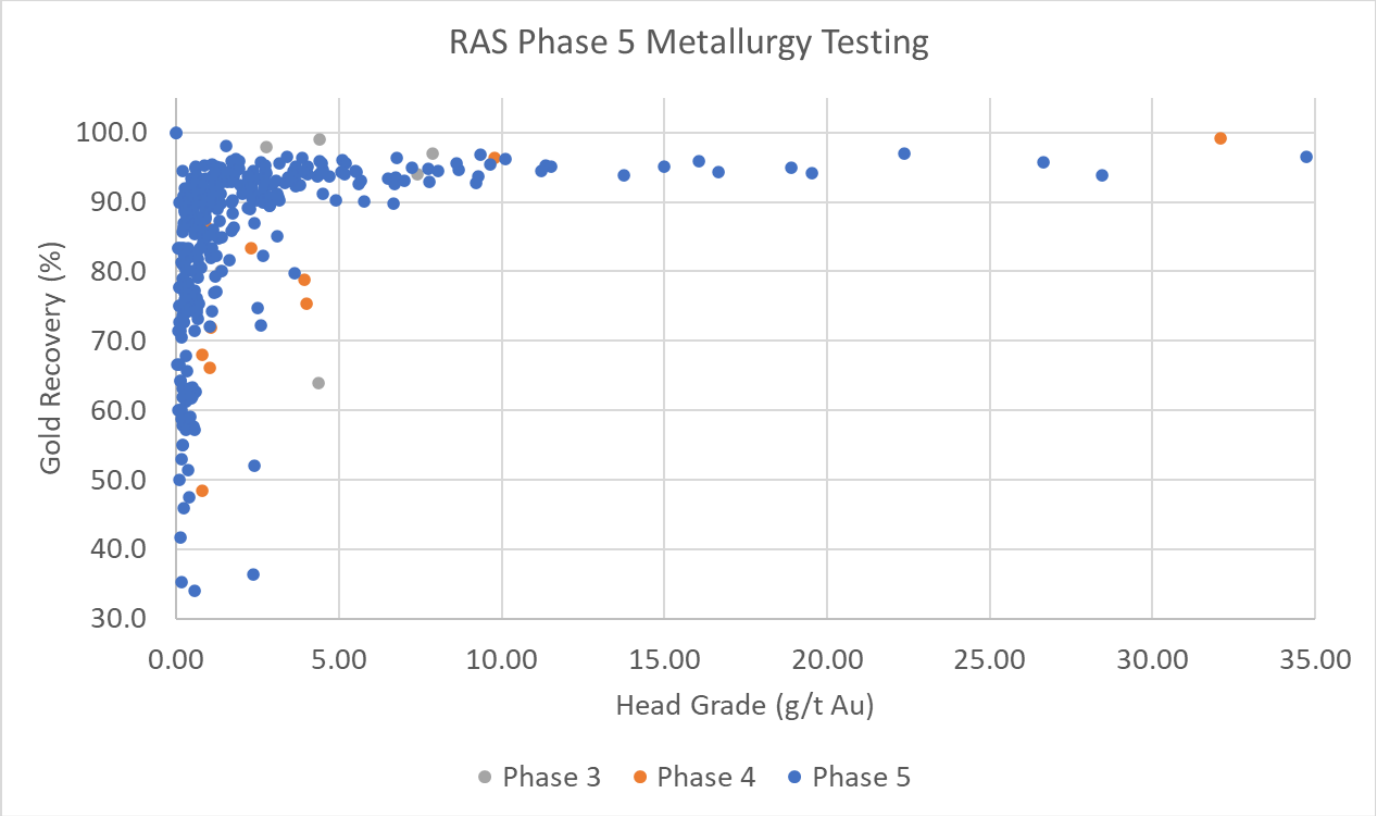


Figure 5 Results from Phase 5 BLEG testing showing gold recovery against head grade.

Key Conclusions & Forward Programme

Reviewing these results, General Manager NZ, Damian Spring said:

"The assays from MDD142 suggests an extension of the high-grade zone to the south and upper section of the Rise and Shine deposit and represents an increase in grade of ore that would likely be processed early in the mine life. Alongside the recent positive metallurgical testing reporting high recoveries of gold, these results provide strong confidence the Project is tracking well towards a positive Scoping Study which is expected in the September quarter this year ".

Infill drilling continues to focus on converting inferred resources to indicated at RAS. RC infill drilling continues at the other resources at SHR, SRE and CIT.

This announcement has been authorised for release to the ASX by the Board. For further information, please contact:

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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 292km^2 project area comprises Minerals Exploration Permit (MEP) 60311 (252km^2) issued to 100% owned subsidiary Matakanui Gold Ltd (MGL) and Minerals Prospecting Permit Application (MPPA) 60882 (40km^2) made by MGL. The Project is located ~90 kilometres northwest of OceanaGold Ltd (OGC) Macraes Gold Mine (Figure 6).

Figure 6 - Bendigo-Ophir Project in the Otago Goldfield, ~90km NW of Macraes

The Company embarked on diamond drilling (DD) and reverse circulation (RC) drilling programmes in November 2020 with the immediate objective to fast-track an increase to the existing Resources by drill testing the down plunge extensions of known mineralisation.

The Company's vision is to develop the Bendigo-Ophir project into a world class, long life, environmentally sustainable mining project that will bring generational employment and prosperity to the Bendigo Region

The Project contains a new Mineral Resource Estimate (MRE) to 0.5 g/t Au lower cut-offs with top-cut, as at Feb 2023 as follows:

Deposit	Category	tonnes (Mt)	Au grade (g/t)	Contained Gold (koz)
RAS	Inferred	31.5	2.4	2,383
	Indicated	2.0	4.3	279
RAS Total	Indicated and Inferred	33.5	2.5	2,662
CIT	Inferred	1.2	1.5	59
SHR	Inferred	4.7	1.1	174
SRE	Inferred	0.3	1.3	11
RSSZ Total	Inferred	37.7	2.2	2,628
	Indicated	2.0	4.3	279
RSSZ Total	**Indicated and Inferred**	**39.7**	**2.3**	**2,909**

These estimates are based on drill results to Jan 2022 and reported in Feb 2023 which the Company interprets has the potential to be further expanded and developed into a low cost per ounce gravity-leach operation, with ore from bulk tonnage open pits or underground sources.

The Bendigo-Ophir Resources occur in 4 deposits (Figure 7) that are inferred to extend in a northerly direction within the RSSZ which hosts gold mineralisation 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 GorgeFault-TGF) and dips at a low angle (25°) to the north-east. The RSSZ is currently interpreted to have upper shear-hosted gold mineralisation (HWS) 10-40 metres in width above quartz vein and stockwork related gold mineralisation extending >120 metres below the HWS.

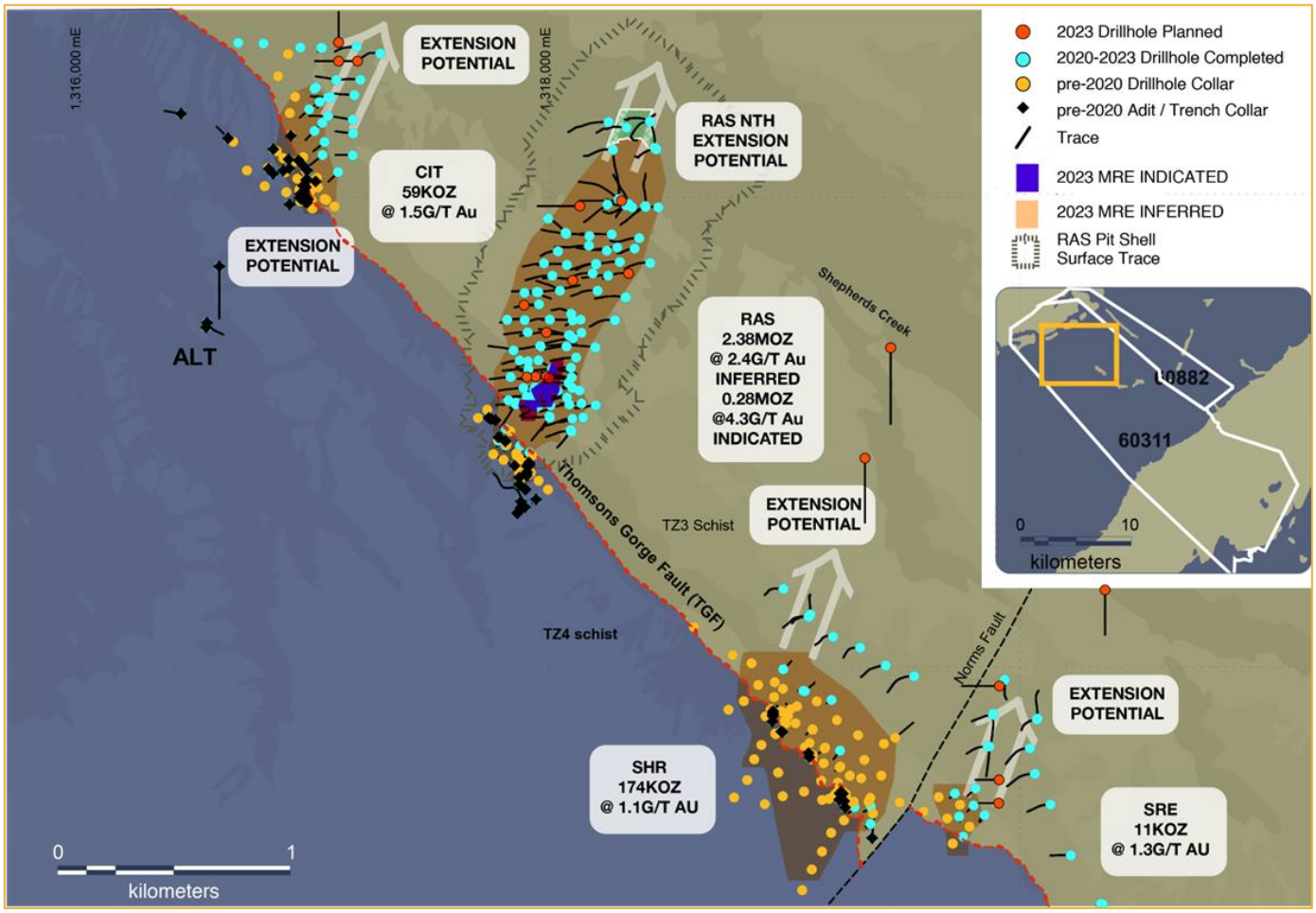


Figure 7 - North Dunstan Range Deposits - February 2023 Resources

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 "RAS continues to deliver strong gold grades" dated 2 November 2022
- ASX announcement titled "RAS Glows with more high gold grades over wide intervals" dated 29 November 2022
- ASX announcement titled "RAS Resource Upgrade – One Million Ounces Added at Higher Gold Grades" dated 2 February 2023
- ASX announcement titled "More High Gold Grades from RAS Infill Drilling" dated 4 April 2023
- ASX announcement titled "New Gold Assays and Metallurgical Results from RAS" dated 24 April 2023
- ASX announcement titled "New Infill Drilling Gold Assay Results from RAS" dated 3 May 2023

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 Companyconfirms 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 CompetentPerson'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 and Mr Kim Bunting who are Fellows of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Keevers is an Executive Director and Mr Bunting a Director and Bendigo-Ophir Project Manager who have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which thay are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' Mr Keevers, Mr Bunting and Mr Batt consent to the inclusion in this report of the matters based on their 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 have not 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 maynot 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.

Appendix 1- RAS Drillholes – New Mineralised Intercepts (top-cut to 100 g/t and at a 0.5 g/t lower cut-off grade)

Deposit	Drillhole	From (m)	Drill Intercept (m)	Average Gold Grade (g/t) (min 0.5g/t Au)	Comments
RAS	MDD125	145.1	5.9	0.55	
		153.0	9.0	0.75	
		164.0	16.0	2.75	
		184.0	1.0	0.61	
		191.0	5.0	0.50	
		198.0	1.0	32.50	
		211.0	3.0	4.70	
		228.0	9.0	0.70	
		238.0	5.0	0.98	
		260.0	2.0	3.00	
		Aggregate	**56.9**	**2.13**	**(over 116.9m)**
	MDD134	264.0	28.0	2.4	
		293.0	7.0	1.5	
		303.0	1.0	0.7	
		Aggregate	**36.0**	**2.17**	**(over 40.0m)**
	MDD135	123.0	6.0	0.86	
		131.0	1.0	2.47	
		138.0	2.0	0.55	
		150.0	7.0	2.27	
		163.0	1.0	0.65	
		177.0	5.0	2.38	
		189.0	1.0	0.61	
		203.0	1.0	9.06	
		217.0	1.0	0.68	
		Aggregate	**25.0**	**1.90**	**(over 95.0m)**
	MDD137	268.0	1.0	2.80	
		281.0	1.0	0.90	
		298.0	2.0	1.20	
		Aggregate	4.0	**1.53**	**(over 32.0m)**
	MDD138	163.0	13.0	3.09	
		179.0	8.0	2.87	
		197.0	4.0	2.77	
		207.0	1.0	11.90	
		218.0	2.0	1.24	
		225.0	5.0	0.78	
		237.0	1.0	1.52	
		Aggregate	**34.0**	**2.77**	**(over 75.0m)**

Deposit	Drillhole	From (m)	Drill Intercept (m)	Average Gold Grade (g/t) (min 0.5g/t Au)	Comments
RAS	MDD139	143.0	1.0	0.70	
		152.0	7.0	0.60	
		166.0	1.0	1.40	
		170.0	1.0	0.60	
		172.0	8.0	0.90	
		182.0	5.0	2.90	
		203.0	5.0	0.50	
		224.0	4.0	1.00	
		239.0	1.0	0.60	
		242.0	1.0	1.40	
		270.0	1.0	3.40	
		Aggregate	**35.0**	**1.16**	**(over 128.0m)**
	MDD142	133.0	1.0	1.80	
		147.0	1.0	0.70	
		155.0	16.0	6.20	
		175.0	10.0	2.80	
		Aggregate	**28.0**	**4.63**	**(over 52.0m)**

Appendix 2- New Drillholes post-dating MDD125

Deposit	Hole No	East NZTM	North NZTM	RL	Azimuth (T Avg)	Dip (Avg)	Length	Method	Status	Results
RAS	MDD125	1,317,985.4	5,017,152.8	759.0	262.9	-67	266.7	DD	Completed	Reported
RAS	MDD126	1,318,000.7	5,017,908.9	570.0	117.7	-69	298.1	DD	Completed	Reported
RAS	MDD127	1,317,954.5	5,017,541.2	670.1	258.4	-66	251.9	DD	Completed	Reported
RAS	MDD128	1,318,291.4	5,017,779.8	592.7	273.7	-69	356.3	DD	Completed	Reported
RAS	MDD129	1,318,184.1	5,017,670.3	645.4	263.2	-67	326.0	DD	Completed	Reported
RAS	MDD130	1,317,983.8	5,017,153.9	759.0	57.3	-76	265.4	DD	Completed	Reported
RAS	MDD131	1,318,041.4	5,017,365.8	690.7	264.3	-63	283.6	DD	Completed	Reported
RAS	MDD132	1,317,941.7	5,017,151.1	767.4	262.8	-64	224.8	DD	Completed	Reported
RAS	MDD133	1,318,095.8	5,017,633.2	640.2	264.9	-64	287.0	DD	Completed	Reported
RAS	MDD134	1,318,250.5	5,017,664.0	635.7	243.5	-72	320.1	DD	Completed	Reported
RAS	MDD135	1,317,899.6	5,017,150.6	765.0	259.9	-63	245.9	DD	Completed	Reported
RAS	MDD136	1,318,042.1	5,017,365.8	690.6	274.0	-83	322.5	DD	Completed	Reported
RAS	MDD137	1,318,264.9	5,017,544.6	670.4	238.9	-67	341.0	DD	Completed	Reported
RAS	MDD138	1,318,025.1	5,017,092.2	771.6	269.9	-65	274.3	DD	Completed	Reported
RAS	MDD139	1,317,923.8	5,017,147.5	768.4	74.3	-85	290.1	DD	Completed	Reported
RAS	MDD140	1,317,985.7	5,017,542.4	657.3	71.2	-83	263.1	DD	Completed	Assays pending
RAS	MDD141	1,318,090.6	5,017,502.5	655.6	313.3	-71	314.4	DD	Completed	Assays pending
RAS	MDD142	1,317,931.1	5,017,100.8	765.8	216.8	-54	226.9	DD	Completed	Reported

Appendix 3 - RAS Assay Results

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD125	MG22125	142.0	143.0	1.0	-0.01	8	TZ3	
MDD125	MG22126	143.0	144.5	1.5	-0.01	0	TZ3	
MDD125	MG22127	144.5	145.1	0.6	0.02	23	TGF	
MDD125	MG22128	145.1	146.0	0.9	0.77	3,452	RSSZ	
MDD125	MG22129	146.0	147.0	1.0	0.28	1,156	RSSZ	
MDD125	MG22130	147.0	148.0	1.0	0.36	2,763	RSSZ	
MDD125	MG22131	148.0	149.0	1.0	0.81	8,099	RSSZ	
MDD125	MG22132	149.0	150.0	1.0	0.11	490	RSSZ	
MDD125	MG22133	150.0	151.0	1.0	1.02	523	RSSZ	
MDD125	MG22134	151.0	152.0	1.0	0.45	911	RSSZ	
MDD125	MG22135	152.0	153.0	1.0	0.31	101	TZ4	
MDD125	MG22136	153.0	154.0	1.0	1.01	1,113	RSSZ	
MDD125	MG22137	154.0	155.0	1.0	0.46	269	RSSZ	
MDD125	MG22138	155.0	156.0	1.0	1.71	5,022	RSSZ	
MDD125	MG22139	156.0	157.0	1.0	0.91	1,979	RSSZ	
MDD125	MG22140	157.0	158.0	1.0	0.16	1,573	RSSZ	
MDD125	MG22141	158.0	159.0	1.0	0.03	71	TZ4	
MDD125	MG22142	159.0	160.0	1.0	0.60	3,085	TZ4	
MDD125	MG22143	160.0	161.0	1.0	0.54	2,370	RSSZ	
MDD125	MG22144	161.0	162.0	1.0	1.30	269	TZ4	
MDD125	MG22145	162.0	163.0	1.0	0.31	403	RSSZ	
MDD125	MG22149	163.0	164.0	1.0	0.23	894	TZ4	
MDD125	MG22150	164.0	165.0	1.0	1.02	2,660	TZ4	
MDD125	MG22151	165.0	166.0	1.0	1.70	2,879	RSSZ	
MDD125	MG22152	166.0	167.0	1.0	0.55	614	TZ4	
MDD125	MG22153	167.0	168.0	1.0	0.73	1,062	RSSZ	
MDD125	MG22154	168.0	169.0	1.0	0.25	247	RSSZ	
MDD125	MG22155	169.0	170.0	1.0	7.18	6,866	RSSZ	
MDD125	MG22156	170.0	171.0	1.0	4.25	2,473	RSSZ	
MDD125	MG22157	171.0	172.0	1.0	0.10	490	TZ4	
MDD125	MG22158	172.0	173.0	1.0	4.94	1,111	RSSZ	
MDD125	MG22159	173.0	174.0	1.0	2.90	2,851	TZ4	
MDD125	MG22160	174.0	175.0	1.0	0.51	1,541	RSSZ	
MDD125	MG22161	175.0	176.0	1.0	11.50	1,110	TZ4	
MDD125	MG22162	176.0	177.0	1.0	5.95	3,884	RSSZ	
MDD125	MG22163	177.0	178.0	1.0	0.53	1,828	TZ4	
MDD125	MG22164	178.0	179.0	1.0	1.17	12,295	RSSZ	
MDD125	MG22165	179.0	180.0	1.0	0.71	7,929	RSSZ	
MDD125	MG22166	180.0	181.0	1.0	0.31	1,131	TZ4	
MDD125	MG22167	181.0	182.0	1.0	0.07	202	TZ4	
MDD125	MG22168	182.0	183.0	1.0	0.05	91	TZ4	
MDD125	MG22169	183.0	184.0	1.0	0.02	136	TZ4	
MDD125	MG22173	184.0	185.0	1.0	0.61	1,191	TZ4	
MDD125	MG22174	185.0	186.0	1.0	0.45	1,163	RSSZ	
MDD125	MG22175	186.0	187.0	1.0	0.16	1,015	RSSZ	
MDD125	MG22176	187.0	188.0	1.0	0.19	3,387	RSSZ	
MDD125	MG22177	188.0	189.0	1.0	0.19	4,787	RSSZ	
MDD125	MG22178	189.0	190.0	1.0	0.44	455	TZ4	
MDD125	MG22179	190.0	191.0	1.0	0.13	1,094	RSSZ	P
MDD125	MG22181	191.0	192.0	1.0	1.28	2,796	RSSZ	
MDD125	MG22182	192.0	193.0	1.0	0.31	1,355	TZ4	
MDD125	MG22183	193.0	194.0	1.0	0.18	1,675	TZ4	
MDD125	MG22184	194.0	195.0	1.0	0.22	424	TZ4	
MDD125	MG22185	195.0	196.0	1.0	0.53	542	TZ4	
MDD125	MG22186	196.0	197.0	1.0	0.04	105	TZ4	
MDD125	MG22187	197.0	198.0	1.0	0.02	102	TZ4	
MDD125	MG22188	198.0	199.0	1.0	32.50	786	TZ4	
MDD125	MG22189	199.0	200.0	1.0	0.12	392	TZ4	
MDD125	MG22190	200.0	201.0	1.0	0.02	133	TZ4	
MDD125	MG22191	201.0	202.0	1.0	0.02	72	TZ4	
MDD125	MG22192	202.0	203.0	1.0	0.04	617	RSSZ	
MDD125	MG22193	203.0	204.0	1.0	0.05	33	TZ4	
MDD125	MG22194	204.0	205.0	1.0	0.01	54	TZ4	
MDD125	MG22198	205.0	206.0	1.0	0.03	20	TZ4	
MDD125	MG22199	206.0	207.0	1.0	0.20	407	TZ4	
MDD125	MG22200	207.0	208.0	1.0	0.24	363	TZ4	
MDD125	MG22201	208.0	209.0	1.0	0.04	13	TZ4	
MDD125	MG22202	209.0	210.0	1.0	0.01	25	TZ4	
MDD125	MG22203	210.0	211.0	1.0	0.02	20	TZ4	
MDD125	MG22204	211.0	212.0	1.0	5.26	657	RSSZ	
MDD125	MG22205	212.0	213.0	1.0	1.86	697	TZ4	
MDD125	MG22206	213.0	214.0	1.0	6.98	1,416	TZ4	
MDD125	MG22207	214.0	215.0	1.0	0.36	1,305	RSSZ	
MDD125	MG22208	215.0	216.0	1.0	0.05	120	TZ4	
MDD125	MG22209	216.0	217.0	1.0	0.06	16	TZ4	
MDD125	MG22210	217.0	218.0	1.0	0.01	46	TZ4	
MDD125	MG22211	218.0	219.0	1.0	0.01	13	TZ4	
MDD125	MG22212	219.0	220.0	1.0	0.03	29	TZ4	
MDD125	MG22213	220.0	221.0	1.0	0.05	38	TZ4	
MDD125	MG22214	221.0	222.0	1.0	0.03	32	TZ4	
MDD125	MG22215	222.0	223.0	1.0	0.02	14	TZ4	
MDD125	MG22216	223.0	224.0	1.0	-0.01	7	TZ4	
MDD125	MG22217	224.0	225.0	1.0	0.04	115	TZ4	
MDD125	MG22218	225.0	226.0	1.0	0.01	31	TZ4	
MDD125	MG22222	226.0	227.0	1.0	0.03	45	TZ4	
MDD125	MG22223	227.0	228.0	1.0	0.07	407	TZ4	
MDD125	MG22224	228.0	229.0	1.0	2.29	75	TZ4	
MDD125	MG22225	229.0	230.0	1.0	0.62	3,355	RSSZ	
MDD125	MG22226	230.0	231.0	1.0	0.46	1,375	RSSZ	
MDD125	MG22227	231.0	232.0	1.0	0.01	38	TZ4	
MDD125	MG22228	232.0	233.0	1.0	0.69	670	TZ4	
MDD125	MG22229	233.0	234.0	1.0	0.41	2,112	TZ4	
MDD125	MG22230	234.0	235.0	1.0	0.22	1,239	TZ4	
MDD125	MG22231	235.0	236.0	1.0	0.74	1,080	RSSZ	
MDD125	MG22232	236.0	237.0	1.0	0.88	4,148	TZ4	
MDD125	MG22233	237.0	238.0	1.0	0.44	330	TZ4	
MDD125	MG22234	238.0	239.0	1.0	0.52	261	TZ4	
MDD125	MG22235	239.0	240.0	1.0	0.94	99	TZ4	
MDD125	MG22236	240.0	241.0	1.0	0.08	40	TZ4	
MDD125	MG22237	241.0	242.0	1.0	0.04	35	TZ4	
MDD125	MG22238	242.0	243.0	1.0	3.30	1,509	RSSZ	
MDD125	MG22239	243.0	244.0	1.0	0.06	185	RSSZ	
MDD125	MG22240	244.0	245.0	1.0	0.20	974	RSSZ	
MDD125	MG22241	245.0	246.0	1.0	0.28	1,716	RSSZ	
MDD125	MG22242	246.0	247.0	1.0	0.19	1,363	RSSZ	
MDD125	MG22246	247.0	248.0	1.0	0.41	1,790	TZ4	
MDD125	MG22247	248.0	249.0	1.0	0.21	1,440	RSSZ	
MDD125	MG22248	249.0	250.0	1.0	0.33	402	RSSZ	
MDD125	MG22249	250.0	251.0	1.0	0.07	56	TZ4	
MDD125	MG22250	251.0	252.0	1.0	0.01	19	TZ4	
MDD125	MG22251	252.0	253.0	1.0	0.04	15	TZ4	
MDD125	MG22252	253.0	254.0	1.0	0.01	11	TZ4	
MDD125	MG22253	254.0	255.0	1.0	-0.01	19	TZ4	
MDD125	MG22254	255.0	256.0	1.0	0.02	14	TZ4	
MDD125	MG22255	256.0	257.0	1.0	-0.01	8	TZ4	
MDD125	MG22256	257.0	258.0	1.0	0.02	11	TZ4	
MDD125	MG22257	258.0	259.0	1.0	-0.01	16	TZ4	
MDD125	MG22258	259.0	260.0	1.0	0.06	18	TZ4	
MDD125	MG22259	260.0	261.0	1.0	1.48	1,121	TZ4	
MDD125	MG22260	261.0	262.0	1.0	4.51	409	TZ4	
MDD125	MG22261	262.0	263.0	1.0	0.02	19	TZ4	
MDD125	MG22262	263.0	264.0	1.0	-0.01	14	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD125	MG22263	264.0	265.0	1.0	-0.01	5	TZ4	
MDD125	MG22264	265.0	266.0	1.0	-0.01	12	TZ4	
MDD125	MG22265	266.0	266.7	0.7	0.03	42	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD134	MG28233	258	259	1	0.02	11	TZ3	
MDD134	MG28234	259	260.5	1.5	0.04	12	TZ3	
MDD134	MG28235	260.5	260.72	0.22	0.02	16	TGF	
MDD134	MG28236	260.72	262	1.28	0.14	806	RSSZ	
MDD134	MG28237	262	263	1	0.08	139	RSSZ	
MDD134	MG28238	263	264	1	0.13	1,572	RSSZ	
MDD134	MG28239	264	265	1	1.04	662	RSSZ	
MDD134	MG28240	265	266	1	0.48	1,259	RSSZ	
MDD134	MG28241	266	267	1	1.56	3,307	RSSZ	
MDD134	MG28242	267	268	1	1.66	1,751	RSSZ	
MDD134	MG28243	268	269	1	2.99	6,870	RSSZ	
MDD134	MG28244	269	270	1	3.87	3,235	RSSZ	
MDD134	MG28245	270	271	1	2.68	4,767	RSSZ	
MDD134	MG28246	271	272	1	4.37	5,290	RSSZ	
MDD134	MG28247	272	273	1	1.63	5,318	RSSZ	
MDD134	MG28248	273	274	1	0.58	2,343	RSSZ	
MDD134	MG28249	274	275	1	1.57	4,075	RSSZ	
MDD134	MG28250	275	276	1	2.29	6,173	RSSZ	
MDD134	MG28251	276	277	1	4.51	7,392	RSSZ	
MDD134	MG28252	277	278	1	1.45	5,172	RSSZ	
MDD134	MG28256	278	279	1	16.10	3,529	RSSZ	
MDD134	MG28257	279	280	1	3.29	8,357	RSSZ	
MDD134	MG28258	280	281	1	0.26	3,655	RSSZ	
MDD134	MG28259	281	282	1	1.62	3,213	RSSZ	
MDD134	MG28260	282	283	1	0.93	3,166	RSSZ	
MDD134	MG28261	283	284	1	0.42	1,436	RSSZ	
MDD134	MG28262	284	285	1	0.31	2,047	RSSZ	
MDD134	MG28263	285	286	1	0.85	5,241	RSSZ	
MDD134	MG28264	286	287	1	0.85	4,737	RSSZ	
MDD134	MG28265	287	288	1	0.56	4,442	RSSZ	
MDD134	MG28266	288	289	1	0.71	1,805	RSSZ	
MDD134	MG28267	289	290	1	8.38	2,025	TZ4	
MDD134	MG28268	290	291	1	0.94	3,256	RSSZ	
MDD134	MG28269	291	292	1	0.70	2,143	RSSZ	
MDD134	MG28270	292	293	1	0.33	2,144	RSSZ	
MDD134	MG28271	293	294	1	2.43	2,827	RSSZ	
MDD134	MG28272	294	295	1	0.25	560	RSSZ	
MDD134	MG28273	295	296	1	0.07	290	RSSZ	
MDD134	MG28274	296	297	1	0.77	2,823	RSSZ	
MDD134	MG28275	297	298	1	0.04	113	TZ4	
MDD134	MG28279	298	299	1	5.53	794	TZ4	
MDD134	MG28280	299	300	1	1.63	3,279	TZ4	
MDD134	MG28281	300	301	1	0.27	368	TZ4	
MDD134	MG28282	301	302	1	0.49	2,754	TZ4	
MDD134	MG28283	302	303	1	0.44	5,309	RSSZ	
MDD134	MG28284	303	304	1	0.72	5,240	RSSZ	
MDD134	MG28285	304	305	1	0.06	466	RSSZ	
MDD134	MG28286	305	306	1	0.03	277	TZ4	
MDD134	MG28287	306	307	1	0.22	3,066	TZ4	
MDD134	MG28288	307	308	1	0.02	141	TZ4	
MDD134	MG28289	308	309	1	-0.01	29	TZ4	
MDD134	MG28290	309	310	1	-0.01	36	TZ4	
MDD134	MG28291	310	311	1	-0.01	17	TZ4	
MDD134	MG28292	311	312	1	0.36	1,150	TZ4	
MDD134	MG28293	312	313	1	-0.01	25	TZ4	
MDD134	MG28294	313	314	1	-0.01	15	TZ4	
MDD134	MG28295	314	315	1	-0.01	34	TZ4	
MDD134	MG28296	315	316	1	-0.01	17	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD134	MG28297	316	317	1	0.02	20	TZ4	
MDD134	MG28298	317	318	1	0.03	15	TZ4	
MDD134	MG28299	318	319	1	0.05	33	TZ4	
MDD134	MG28303	319	320.1	1.1	0.02	44	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD135	MG22466	118	119	1	0.02	3	TZ3	
MDD135	MG22467	119	120.5	1.5	-0.01	4	TZ3	
MDD135	MG22468	120.5	120.9	0.4	0.10	501	TGF	
MDD135	MG22469	120.9	122	1.1	0.27	284	RSSZ	
MDD135	MG22470	122	123	1	0.42	652	RSSZ	
MDD135	MG22471	123	124	1	1.19	1,420	RSSZ	
MDD135	MG22472	124	125	1	0.75	971	RSSZ	
MDD135	MG22473	125	126	1	0.09	392	RSSZ	
MDD135	MG22474	126	127	1	0.09	660	RSSZ	
MDD135	MG22475	127	128	1	0.27	2,128	RSSZ	
MDD135	MG22476	128	129	1	2.75	648	RSSZ	
MDD135	MG22477	129	130	1	0.10	62	TZ4	
MDD135	MG22478	130	131	1	0.30	406	TZ4	
MDD135	MG22479	131	132	1	2.47	307	RSSZ	
MDD135	MG22480	132	133	1	0.31	488	RSSZ	
MDD135	MG22481	133	134	1	0.31	723	RSSZ	
MDD135	MG22482	134	135	1	0.18	198	TZ4	
MDD135	MG22483	135	136	1	0.26	2,348	TZ4	
MDD135	MG22484	136	137	1	0.18	436	TZ4	
MDD135	MG22485	137	138	1	0.30	72	TZ4	
MDD135	MG22489	138	139	1	0.55	777	TZ4	
MDD135	MG22490	139	140	1	0.54	1,535	TZ4	
MDD135	MG22491	140	141	1	0.07	368	RSSZ	
MDD135	MG22492	141	142	1	0.35	1,079	TZ4	
MDD135	MG22493	142	143	1	0.16	734	RSSZ	
MDD135	MG22494	143	144	1	0.13	26	TZ4	
MDD135	MG22495	144	145	1	0.01	25	TZ4	
MDD135	MG22496	145	146	1	0.14	617	RSSZ	
MDD135	MG22497	146	147	1	0.27	3,390	TZ4	
MDD135	MG22498	147	148	1	0.05	271	TZ4	
MDD135	MG22499	148	149	1	0.34	151	TZ4	
MDD135	MG22500	149	150	1	0.10	272	TZ4	
MDD135	MG22501	150	151	1	9.00	3,712	TZ4	
MDD135	MG22502	151	152	1	0.19	958	TZ4	
MDD135	MG22503	152	153	1	1.45	2,170	RSSZ	
MDD135	MG22504	153	154	1	0.24	537	TZ4	
MDD135	MG22505	154	155	1	2.73	1,247	TZ4	
MDD135	MG22506	155	156	1	0.11	1,073	TZ4	
MDD135	MG22507	156	157	1	2.18	926	TZ4	
MDD135	MG22508	157	158	1	0.02	7	TZ4	
MDD135	MG22512	158	159	1	0.35	50	TZ4	
MDD135	MG22513	159	160	1	0.01	22	TZ4	
MDD135	MG22514	160	161	1	0.27	756	TZ4	
MDD135	MG22515	161	162	1	0.02	15	TZ4	
MDD135	MG22516	162	163	1	0.22	432	RSSZ	
MDD135	MG22517	163	164	1	0.65	4,997	RSSZ	
MDD135	MG22518	164	165	1	0.23	3,028	RSSZ	
MDD135	MG22519	165	166	1	0.07	838	TZ4	
MDD135	MG22520	166	167	1	0.03	207	TZ4	
MDD135	MG22521	167	168	1	0.02	183	TZ4	
MDD135	MG22522	168	169	1	0.04	178	TZ4	
MDD135	MG22523	169	170	1	-0.01	21	TZ4	
MDD135	MG22524	170	171	1	0.03	550	TZ4	
MDD135	MG22525	171	172	1	-0.01	12	TZ4	
MDD135	MG22526	172	173	1	0.03	286	TZ4	
MDD135	MG22527	173	174	1	0.04	161	TZ4	
MDD135	MG22528	174	175	1	0.07	360	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD135	MG22529	175	176	1	0.11	470	TZ4	
MDD135	MG22530	176	177	1	0.11	1,045	RSSZ	
MDD135	MG22531	177	178	1	3.30	1,878	RSSZ	
MDD135	MG22535	178	179	1	7.91	2,737	RSSZ	
MDD135	MG22536	179	180	1	0.04	27	TZ4	
MDD135	MG22537	180	181	1	0.03	124	TZ4	
MDD135	MG22538	181	182	1	0.61	832	RSSZ	
MDD135	MG22539	182	183	1	0.15	862	TZ4	
MDD135	MG22540	183	184	1	0.06	891	TZ4	
MDD135	MG22541	184	185	1	0.02	164	TZ4	
MDD135	MG22542	185	186	1	0.01	58	TZ4	
MDD135	MG22543	186	187	1	0.05	215	TZ4	
MDD135	MG22544	187	188	1	-0.01	44	TZ4	
MDD135	MG22545	188	189	1	0.43	690	TZ4	
MDD135	MG22546	189	190	1	0.61	83	TZ4	
MDD135	MG22547	190	191	1	0.20	485	TZ4	
MDD135	MG22548	191	192	1	0.03	182	TZ4	
MDD135	MG22549	192	193	1	-0.01	39	TZ4	
MDD135	MG22550	193	194	1	0.04	71	TZ4	
MDD135	MG22551	194	195	1	0.12	109	TZ4	
MDD135	MG22552	195	196	1	0.03	159	TZ4	
MDD135	MG22553	196	197	1	0.08	230	RSSZ	
MDD135	MG22554	197	198	1	0.01	32	TZ4	
MDD135	MG22555	198	199	1	-0.01	29	TZ4	
MDD135	MG22556	199	200	1	0.17	619	RSSZ	
MDD135	MG22557	200	201	1	0.06	397	TZ4	
MDD135	MG22558	201	202	1	0.02	48	TZ4	
MDD135	MG22559	202	203	1	0.04	10	TZ4	
MDD135	MG22560	203	204	1	9.06	526	RSSZ	
MDD135	MG22561	204	205	1	0.03	21	TZ4	
MDD135	MG22562	205	206	1	-0.01	5	TZ4	
MDD135	MG22563	206	207	1	-0.01		TZ4	
MDD135	MG22564	207	208	1	0.03	4	TZ4	
MDD135	MG22565	208	209	1	-0.01	5	TZ4	
MDD135	MG22566	209	210	1	0.32	3,883	TZ4	
MDD135	MG22567	210	211	1	0.18	1,225	RSSZ	
MDD135	MG22568	211	212	1	0.01	132	TZ4	
MDD135	MG22569	212	213	1	0.07	95	TZ4	
MDD135	MG22570	213	214	1	0.02	22	TZ4	
MDD135	MG22571	214	215	1	0.01	18	TZ4	
MDD135	MG22575	215	216	1	0.08	193	TZ4	
MDD135	MG22576	216	217	1	-0.01	79	TZ4	
MDD135	MG22577	217	218	1	0.68	1,162	TZ4	
MDD135	MG22578	218	219	1	0.06	38	TZ4	
MDD135	MG22579	219	220	1	0.01	115	TZ4	
MDD135	MG22580	220	221	1	-0.01	33	TZ4	
MDD135	MG22581	221	222	1	0.01	244	TZ4	
MDD135	MG22582	222	223	1	0.49	3,171	RSSZ	
MDD135	MG22583	223	224	1	0.14	588	RSSZ	
MDD135	MG22584	224	225	1	-0.01	43	TZ4	
MDD135	MG22585	225	226	1	-0.01	31	TZ4	
MDD135	MG22586	226	227	1	-0.01	17	TZ4	
MDD135	MG22587	227	228	1	-0.01	12	TZ4	
MDD135	MG22588	228	229	1	-0.01	11	TZ4	
MDD135	MG22589	229	230	1	0.01	277	TZ4	
MDD135	MG22590	230	231	1	-0.01	131	TZ4	
MDD135	MG22591	231	232	1	-0.01	49	TZ4	
MDD135	MG22592	232	233	1	-0.01	7	TZ4	
MDD135	MG22593	233	234	1	-0.01	8	TZ4	
MDD135	MG22594	234	235	1	0.01	331	TZ4	
MDD135	MG22598	235	236	1	0.03	126	RSSZ	
MDD135	MG22599	236	237	1	0.01	12	TZ4	
MDD135	MG22600	237	238	1	0.43	831	TZ4	
MDD135	MG22601	238	239	1	0.04	180	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD135	MG22602	239	240	1	0.09	146	RSSZ	
MDD135	MG22603	240	241	1	0.01	63	TZ4	
MDD135	MG22604	241	242	1	0.31	59	TZ4	
MDD135	MG22605	242	243	1	0.17	246	RSSZ	
MDD135	MG22606	243	244	1	0.38	105	TZ4	
MDD135	MG22607	244	245	1	-0.01	14	TZ4	
MDD135	MG22608	245	245.9	0.9	-0.01	16	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD137	MG29609	259	260	1	0.01	10	TZ3	
MDD137	MG29610	260	260.7	0.7	-0.01	9	TZ3	
MDD137	MG29611	260.7	261.55	0.85	0.01	14	TGF	
MDD137	MG29612	261.55	263	1.45	0.14	642	RSSZ	
MDD137	MG29613	263	264	1	0.21	3033	RSSZ	
MDD137	MG29614	264	265	1	0.38	642	RSSZ	
MDD137	MG29615	265	266	1	0.04	299	TZ4	
MDD137	MG29616	266	267	1	0.04	401	RSSZ	
MDD137	MG29617	267	268	1	0.13	740	RSSZ	
MDD137	MG29618	268	269	1	2.8	537	TZ4	
MDD137	MG29619	269	270	1	0.02	327	TZ4	
MDD137	MG29620	270	271	1	0.03	649	RSSZ	
MDD137	MG29621	271	272	1	0.03	73	TZ4	
MDD137	MG29622	272	273	1	0.04	935	TZ4	
MDD137	MG29623	273	274	1	0.02	569	TZ4	
MDD137	MG29624	274	275	1	0.01	182	TZ4	
MDD137	MG29625	275	276	1	0.06	1014	RSSZ	
MDD137	MG29626	276	277	1	0.04	672	RSSZ	
MDD137	MG29627	277	278	1	0.11	924	TZ4	
MDD137	MG29628	278	279	1	0.03	229	TZ4	
MDD137	MG29632	279	280	1	0.07	536	TZ4	
MDD137	MG29633	280	281	1	0.08	565	RSSZ	
MDD137	MG29634	281	282	1	0.9	3821	RSSZ	
MDD137	MG29635	282	283	1	0.16	1279	TZ4	
MDD137	MG29636	283	284	1	0.08	744	TZ4	
MDD137	MG29637	284	285	1	0.02	399	TZ4	
MDD137	MG29638	285	286	1	0.32	706	TZ4	
MDD137	MG29639	286	287	1	0.04	511	TZ4	
MDD137	MG29640	287	288	1	0.06	110	TZ4	
MDD137	MG29641	288	289	1	0.06	46	TZ4	
MDD137	MG29642	289	290	1	0.16	26	TZ4	
MDD137	MG29643	290	291	1	0.03	181	TZ4	
MDD137	MG29644	291	292	1	0.09	90	TZ4	
MDD137	MG29645	292	293	1	0.13	25	TZ4	
MDD137	MG29646	293	294	1	0.09	37	TZ4	
MDD137	MG29647	294	295	1	0.1	417	TZ4	
MDD137	MG29648	295	296	1	0.11	34	TZ4	
MDD137	MG29649	296	297	1	0.08	154	TZ4	
MDD137	MG29650	297	298	1	0.08	141	TZ4	
MDD137	MG29651	298	299	1	1.31	431	TZ4	
MDD137	MG29655	299	300	1	1.11	3802	TZ4	
MDD137	MG29656	300	301	1	0.4	401	RSSZ	
MDD137	MG29657	301	302	1	0.34	1070	RSSZ	
MDD137	MG29658	302	303	1	0.24	302	TZ4	
MDD137	MG29659	303	304	1	0.25	907	TZ4	
MDD137	MG29660	304	305	1	0.26	1148	RSSZ	
MDD137	MG29661	305	306	1	0.22	343	TZ4	
MDD137	MG29662	306	307	1	0.15	128	TZ4	
MDD137	MG29663	307	308	1	0.31	114	RSSZ	
MDD137	MG29664	308	309	1	0.05	21	TZ4	
MDD137	MG29665	309	310	1	0.18	31	TZ4	
MDD137	MG29666	310	311	1	0.07	22	TZ4	
MDD137	MG29667	311	312	1	0.13	233	TZ4	
MDD137	MG29668	312	313	1	0.28	819	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD137	MG29669	313	314	1	0.08	64	TZ4	
MDD137	MG29670	314	315	1	0.02	33	TZ4	
MDD137	MG29671	315	316	1	0.03	23	TZ4	
MDD137	MG29672	316	317	1	0.02	13	TZ4	
MDD137	MG29673	317	318	1	0.10	16	TZ4	
MDD137	MG29674	318	319	1	0.04	25	TZ4	
MDD137	MG29678	319	320	1	0.11	19	TZ4	
MDD137	MG29679	320	321	1	0.06	188	TZ4	
MDD137	MG29680	321	322	1	0.08	221	TZ4	
MDD137	MG29681	322	323	1	0.17	105	TZ4	
MDD137	MG29682	323	324	1	0.48	2643	TZ4	
MDD137	MG29683	324	325	1	0.02	81	TZ4	
MDD137	MG29684	325	326	1	0.13	279	TZ4	
MDD137	MG29685	326	327	1	0.47	453	TZ4	
MDD137	MG29686	327	328	1	0.03	33	TZ4	
MDD137	MG29687	328	329	1	0.31	197	TZ4	
MDD137	MG29688	329	330	1	0.23	1313	TZ4	
MDD137	MG29689	330	331	1	0.31	570	TZ4	
MDD137	MG29690	331	332	1	0.35	1888	TZ4	
MDD137	MG29691	332	333	1	0.09	1065	TZ4	
MDD137	MG29692	333	334	1	0.03	306	TZ4	
MDD137	MG29693	334	335	1	0.09	565	TZ4	
MDD137	MG29694	335	336	1	0.29	437	TZ4	
MDD137	MG29695	336	337	1	0.05	326	TZ4	
MDD137	MG29696	337	338	1	0.15	949	TZ4	
MDD137	MG29697	338	339	1	0.05	51	TZ4	
MDD137	MG29701	339	340	1	0.01	60	TZ4	
MDD137	MG29702	340	341	1	0.10	31	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD138	MG28304	159	160	1	-0.01		TZ3	
MDD138	MG28305	160	161.2	1.2	-0.01		TZ3	
MDD138	MG28306	161.2	161.45	0.25	0.11		TGF	
MDD138	MG28307	161.45	163	1.55	0.31		RSSZ	
MDD138	MG28308	163	164	1	1.46		RSSZ	
MDD138	MG28309	164	165	1	0.95		RSSZ	
MDD138	MG28310	165	166	1	1.14		RSSZ	
MDD138	MG28311	166	167	1	0.66		RSSZ	
MDD138	MG28312	167	168	1	0.52		RSSZ	
MDD138	MG28313	168	169	1	0.38		RSSZ	
MDD138	MG28314	169	170	1	8.00		RSSZ	tr
MDD138	MG28315	170	171	1	3.51		RSSZ	
MDD138	MG28316	171	172	1	3.53		RSSZ	
MDD138	MG28317	172	173	1	0.08		RSSZ	
MDD138	MG28318	173	174	1	16.00		RSSZ	
MDD138	MG28319	174	175	1	1.09		RSSZ	
MDD138	MG28320	175	176	1	2.84		RSSZ	
MDD138	MG28321	176	177	1	0.33		TZ4	
MDD138	MG28322	177	178	1	0.07		TZ4	
MDD138	MG28323	178	179	1	0.14		TZ4	
MDD138	MG28327	179	180	1	2.59		TZ4	
MDD138	MG28328	180	181	1	0.02		TZ4	
MDD138	MG28329	181	182	1	0.58		RSSZ	
MDD138	MG28330	182	183	1	1.64		RSSZ	
MDD138	MG28331	183	184	1	0.12		TZ4	
MDD138	MG28332	184	185	1	2.05		RSSZ	
MDD138	MG28333	185	186	1	15.20		RSSZ	
MDD138	MG28334	186	187	1	0.79		RSSZ	
MDD138	MG28335	187	188	1	0.05		RSSZ	
MDD138	MG28336	188	189	1	0.28		RSSZ	
MDD138	MG28337	189	190	1	0.15		RSSZ	
MDD138	MG28338	190	191	1	0.09		RSSZ	
MDD138	MG28339	191	192	1	0.03		TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD138	MG28340	192	193	1	0.02		RSSZ	
MDD138	MG28341	193	194	1	0.08		RSSZ	
MDD138	MG28342	194	195	1	0.02		TZ4	
MDD138	MG28343	195	196	1	-0.01		TZ4	
MDD138	MG28344	196	197	1	0.14		RSSZ	
MDD138	MG28345	197	198	1	9.70		RSSZ	
MDD138	MG28346	198	199	1	0.16		RSSZ	
MDD138	MG28350	199	200	1	0.56		RSSZ	
MDD138	MG28351	200	201	1	0.67		RSSZ	
MDD138	MG28352	201	202	1	0.08		TZ4	
MDD138	MG28353	202	203	1	0.06		TZ4	
MDD138	MG28354	203	204	1	0.08		RSSZ	
MDD138	MG28355	204	205	1	0.12		TZ4	
MDD138	MG28356	205	206	1	0.04		RSSZ	
MDD138	MG28357	206	207	1	0.03		TZ4	
MDD138	MG28358	207	208	1	11.90		RSSZ	
MDD138	MG28359	208	209	1	0.07		RSSZ	
MDD138	MG28360	209	210	1	0.01		TZ4	
MDD138	MG28361	210	211	1	0.02		RSSZ	
MDD138	MG28362	211	212	1	0.31		RSSZ	
MDD138	MG28363	212	213	1	0.10		RSSZ	
MDD138	MG28364	213	214	1	0.11		RSSZ	
MDD138	MG28365	214	215	1	0.23		TZ4	
MDD138	MG28366	215	216	1	-0.01		TZ4	
MDD138	MG28367	216	217	1	-0.01		TZ4	
MDD138	MG28368	217	218	1	0.06		TZ4	
MDD138	MG28369	218	219	1	1.48		RSSZ	
MDD138	MG28373	219	220	1	1.00		RSSZ	
MDD138	MG28374	220	221	1	0.40		RSSZ	
MDD138	MG28375	221	222	1	0.03		TZ4	
MDD138	MG28376	222	223	1	0.06		TZ4	
MDD138	MG28377	223	224	1	0.09		TZ4	
MDD138	MG28378	224	225	1	0.07		TZ4	
MDD138	MG28379	225	226	1	0.68		TZ4	
MDD138	MG28380	226	227	1	0.23		TZ4	
MDD138	MG28381	227	228	1	1.78		TZ4	
MDD138	MG28382	228	229	1	0.59		TZ4	
MDD138	MG28383	229	230	1	0.62		TZ4	
MDD138	MG28384	230	231	1	0.07		TZ4	
MDD138	MG28385	231	232	1	0.25		TZ4	
MDD138	MG28386	232	233	1	0.17		RSSZ	
MDD138	MG28387	233	234	1	0.07		RSSZ	
MDD138	MG28388	234	235	1	0.05		RSSZ	
MDD138	MG28389	235	236	1	0.07		TZ4	
MDD138	MG28390	236	237	1	0.04		TZ4	
MDD138	MG28391	237	238	1	1.52		TZ4	
MDD138	MG28392	238	239	1	0.38		TZ4	
MDD138	MG28396	239	240	1	0.06		RSSZ	
MDD138	MG28397	240	241	1	0.08		RSSZ	
MDD138	MG28398	241	242	1	0.01		TZ4	
MDD138	MG28399	242	243	1	0.02		TZ4	
MDD138	MG28400	243	244	1	-0.01		TZ4	
MDD138	MG28401	244	245	1	-0.01		TZ4	
MDD138	MG28402	245	246	1	-0.01		TZ4	
MDD138	MG28403	246	247	1	-0.01		TZ4	
MDD138	MG28404	247	248	1	0.04		TZ4	
MDD138	MG28405	248	249	1	-0.01		TZ4	
MDD138	MG28406	249	250	1	-0.01		TZ4	
MDD138	MG28407	250	251	1	0.06		TZ4	
MDD138	MG28408	251	252	1	-0.01		TZ4	
MDD138	MG28409	252	253	1	0.01		RSSZ	
MDD138	MG28410	253	254	1	-0.01		TZ4	
MDD138	MG28411	254	255	1	-0.01		TZ4	
MDD138	MG28412	255	256	1	-0.01		TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD138	MG28413	256	257	1	-0.01		TZ4	
MDD138	MG28414	257	258	1	-0.01		TZ4	
MDD138	MG28415	258	259	1	-0.01		TZ4	
MDD138	MG28419	259	260	1	0.02		TZ4	
MDD138	MG28420	260	261	1	0.04		TZ4	
MDD138	MG28421	261	262	1	-0.01		TZ4	
MDD138	MG28422	262	263	1	0.01		TZ4	
MDD138	MG28423	263	264	1	-0.01		TZ4	
MDD138	MG28424	264	265	1	0.03		TZ4	
MDD138	MG28425	265	266	1	-0.01		TZ4	
MDD138	MG28426	266	267	1	0.03		TZ4	
MDD138	MG28427	267	268	1	-0.01		TZ4	
MDD138	MG28428	268	269	1	0.04		TZ4	
MDD138	MG28429	269	270	1	-0.01		TZ4	
MDD138	MG28430	270	271	1	-0.01		TZ4	
MDD138	MG28431	271	272	1	-0.01		TZ4	
MDD138	MG28432	272	273	1	0.51		TZ4	
MDD138	MG28433	273	274.3	1.3	0.04		TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD139	MG22609	135	136	1	-0.01	3	TZ3	
MDD139	MG22610	136	137.28	1.28	0.01	12	TZ3	
MDD139	MG22611	137.28	137.73	0.45	0.01	24	TGF	
MDD139	MG22612	137.73	139	1.27	0.48	1837	RSSZ	
MDD139	MG22613	139	140	1	0.42	117	RSSZ	
MDD139	MG22614	140	141	1	0.48	260	RSSZ	
MDD139	MG22615	141	142	1	0.32	1460	RSSZ	
MDD139	MG22616	142	143	1	0.27	74	RSSZ	
MDD139	MG22617	143	144	1	0.69	101	RSSZ	
MDD139	MG22618	144	145	1	0.22	128	RSSZ	
MDD139	MG22619	145	146	1	0.17	281	TZ4	
MDD139	MG22620	146	147	1	0.16	182	TZ4	
MDD139	MG22621	147	148	1	0.2	288	TZ4	
MDD139	MG22622	148	149	1	0.43	1256	RSSZ	
MDD139	MG22623	149	150	1	0.16	678	TZ4	
MDD139	MG22624	150	151	1	0.48	1114	RSSZ	
MDD139	MG22625	151	152	1	0.06	654	TZ4	
MDD139	MG22626	152	153	1	0.64	1930	TZ4	
MDD139	MG22627	153	154	1	0.24	852	RSSZ	
MDD139	MG22628	154	155	1	0.47	1445	TZ4	
MDD139	MG22632	155	156	1	0.1	94	TZ4	
MDD139	MG22633	156	157	1	0.15	214	TZ4	
MDD139	MG22634	157	158	1	0.93	1835	RSSZ	
MDD139	MG22635	158	159	1	1.76	779	RSSZ	
MDD139	MG22636	159	160	1	0.39	288	RSSZ	
MDD139	MG22637	160	161	1	0.13	161	TZ4	
MDD139	MG22638	161	162	1	0.18	192	TZ4	
MDD139	MG22639	162	163	1	0.49	1160	RSSZ	
MDD139	MG22640	163	164	1	0.03	51	RSSZ	
MDD139	MG22641	164	165	1	0.02	366	TZ4	
MDD139	MG22642	165	166	1	0.06	259	TZ4	
MDD139	MG22643	166	167	1	1.38	2238	RSSZ	
MDD139	MG22644	167	168	1	0.09	700	RSSZ	
MDD139	MG22645	168	169	1	0.19	1507	RSSZ	
MDD139	MG22646	169	170	1	0.26	445	RSSZ	
MDD139	MG22647	170	171	1	0.57	1590	RSSZ	
MDD139	MG22648	171	172	1	0.08	394	RSSZ	
MDD139	MG22649	172	173	1	0.61	3792	RSSZ	
MDD139	MG22650	173	174	1	0.13	171	RSSZ	
MDD139	MG22651	174	175	1	0.22	812	TZ4	
MDD139	MG22655	175	176	1	0.93	175	TZ4	
MDD139	MG22656	176	177	1	0.31	1468	TZ4	
MDD139	MG22657	177	178	1	0.14	1053	RSSZ	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD139	MG22658	178	179	1	0.56	1925	RSSZ	
MDD139	MG22659	179	180	1	3.9	7259	RSSZ	tr
MDD139	MG22660	180	181	1	0.42	1331	RSSZ	
MDD139	MG22661	181	182	1	0.37	728	RSSZ	
MDD139	MG22662	182	183	1	2.05	2323	RSSZ	tr
MDD139	MG22663	183	184	1	3.45	1226	RSSZ	
MDD139	MG22664	184	185	1	1.34	664	TZ4	
MDD139	MG22665	185	186	1	6.42	6173	TZ4	
MDD139	MG22666	186	187	1	1.34	9749	RSSZ	
MDD139	MG22667	187	188	1	0.09	998	RSSZ	Tr
MDD139	MG22668	188	189	1	0.02	19	TZ4	
MDD139	MG22669	189	190	1	-0.01	11	TZ4	
MDD139	MG22670	190	191	1	-0.01	16	TZ4	
MDD139	MG22671	191	192	1	0.03	137	TZ4	
MDD139	MG22672	192	193	1	-0.01	33	TZ4	
MDD139	MG22673	193	194	1	0.23	37	TZ4	
MDD139	MG22674	194	195	1	0.04	210	TZ4	
MDD139	MG22678	195	196	1	0.1	568	TZ4	
MDD139	MG22679	196	197	1	0.11	251	TZ4	
MDD139	MG22680	197	198	1	0.28	962	RSSZ	
MDD139	MG22681	198	199	1	0.1	262	RSSZ	
MDD139	MG22682	199	200	1	0.27	203	RSSZ	
MDD139	MG22683	200	201	1	0.38	805	TZ4	
MDD139	MG22684	201	202	1	0.04	483	TZ4	
MDD139	MG22685	202	203	1	0.01	463	TZ4	
MDD139	MG22686	203	204	1	0.5	544	RSSZ	
MDD139	MG22687	204	205	1	-0.01	31	TZ4	
MDD139	MG22688	205	206	1	0.02	9	TZ4	
MDD139	MG22689	206	207	1	1.39	2277	RSSZ	
MDD139	MG22690	207	208	1	0.74	191	TZ4	
MDD139	MG22691	208	209	1	0.02	120	TZ4	
MDD139	MG22692	209	210	1	0.01	20	TZ4	
MDD139	MG22693	210	211	1	-0.01	32	TZ4	
MDD139	MG22694	211	212	1	0.02	98	TZ4	
MDD139	MG22695	212	213	1	0.01	82	TZ4	
MDD139	MG22696	213	214	1	0.03	89	TZ4	
MDD139	MG22697	214	215	1	-0.01	46	TZ4	
MDD139	MG22701	215	216	1	-0.01	14	TZ4	
MDD139	MG22702	216	217	1	0.09	12	TZ4	
MDD139	MG22703	217	218	1	-0.01	9	TZ4	
MDD139	MG22704	218	219	1	-0.01	29	TZ4	
MDD139	MG22705	219	220	1	-0.01	11	TZ4	
MDD139	MG22706	220	221	1	0.04	38	TZ4	
MDD139	MG22707	221	222	1	0.01	29	TZ4	
MDD139	MG22708	222	223	1	-0.01	9	TZ4	
MDD139	MG22709	223	224	1	0.02	121	TZ4	
MDD139	MG22710	224	225	1	0.76	415	RSSZ	
MDD139	MG22711	225	226	1	1.14	1900	RSSZ	
MDD139	MG22712	226	227	1	0.13	845	RSSZ	
MDD139	MG22713	227	228	1	1.89	878	RSSZ	
MDD139	MG22714	228	229	1	0.03	327	RSSZ	
MDD139	MG22715	229	230	1	0.1	1247	RSSZ	
MDD139	MG22716	230	231	1	0.15	529	RSSZ	
MDD139	MG22717	231	232	1	0.05	1374	RSSZ	
MDD139	MG22718	232	233	1	0.16	587	TZ4	
MDD139	MG22719	233	234	1	-0.01	58	TZ4	
MDD139	MG22720	234	235	1	-0.01	8	TZ4	
MDD139	MG22724	235	236	1	0.16	2895	TZ4	
MDD139	MG22725	236	237	1	0.29	2486	RSSZ	
MDD139	MG22726	237	238	1	0.01	15	TZ4	
MDD139	MG22727	238	239	1	0.02	964	TZ4	
MDD139	MG22728	239	240	1	0.56	1036	TZ4	
MDD139	MG22729	240	241	1	0.01	91	TZ4	
MDD139	MG22730	241	242	1	-0.01	22	TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD139	MG22731	242	243	1	1.36	680	TZ4	
MDD139	MG22732	243	244	1	0.07	442	RSSZ	
MDD139	MG22733	244	245	1	0.05	465	RSSZ	
MDD139	MG22734	245	246	1	0.09		RSSZ	
MDD139	MG22735	246	247	1	0.02		TZ4	
MDD139	MG22736	247	248	1	0.07		RSSZ	
MDD139	MG22737	248	249	1	0.09		RSSZ	
MDD139	MG22738	249	250	1	0.02		TZ4	
MDD139	MG22739	250	251	1	-0.01		TZ4	
MDD139	MG22740	251	252	1	0.03		TZ4	
MDD139	MG22741	252	253	1	-0.01		TZ4	
MDD139	MG22742	253	254	1	-0.01		TZ4	
MDD139	MG22743	254	255	1	0.02		TZ4	
MDD139	MG22747	255	256	1	0.05		TZ4	
MDD139	MG22748	256	257	1	0.07		RSSZ	
MDD139	MG22749	257	258	1	-0.01		TZ4	
MDD139	MG22750	258	259	1	-0.01		TZ4	
MDD139	MG22751	259	260	1	-0.01		TZ4	
MDD139	MG22752	260	261	1	-0.01		TZ4	
MDD139	MG22753	261	262	1	0.04		TZ4	
MDD139	MG22754	262	263	1	-0.01		TZ4	
MDD139	MG22755	263	264	1	0.02		TZ4	
MDD139	MG22756	264	265	1	0.02		TZ4	
MDD139	MG22757	265	266	1	0.02		TZ4	
MDD139	MG22758	266	267	1	0.08		TZ4	
MDD139	MG22759	267	268	1	0.36		RSSZ	
MDD139	MG22760	268	269	1	0.12		RSSZ	
MDD139	MG22761	269	270	1	-0.01		RSSZ	
MDD139	MG22762	270	271	1	3.42		TZ4	
MDD139	MG22763	271	272	1	-0.01		TZ4	
MDD139	MG22764	272	273	1	-0.01		TZ4	
MDD139	MG22765	273	274	1	0.02		RSSZ	
MDD139	MG22766	274	275	1	0.07		TZ4	
MDD139	MG22770	275	276	1	-0.01		TZ4	
MDD139	MG22771	276	277	1	-0.01		TZ4	
MDD139	MG22772	277	278	1	-0.01		TZ4	
MDD139	MG22773	278	279	1	0.01		TZ4	
MDD139	MG22774	279	280	1	-0.01		TZ4	
MDD139	MG22775	280	281	1	-0.01		TZ4	
MDD139	MG22776	281	282	1	0.04		TZ4	
MDD139	MG22777	282	283	1	0.08		TZ4	
MDD139	MG22778	283	284	1	-0.01		TZ4	
MDD139	MG22779	284	285	1	-0.01		TZ4	
MDD139	MG22780	285	286	1	0.02		TZ4	
MDD139	MG22781	286	287	1	0.12		TZ4	
MDD139	MG22782	287	288	1	0.17		TZ4	
MDD139	MG22783	288	289	1	0.01		TZ4	
MDD139	MG22784	289	290.1	1.1	0.08		TZ4	

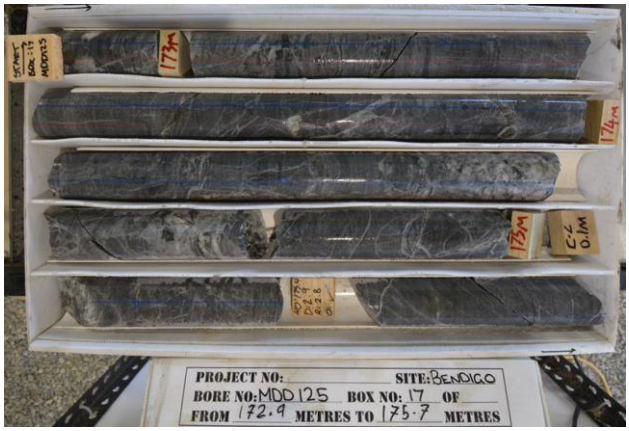
Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD142	MG28434	122	123	1	-0.01		TZ3	
MDD142	MG28435	123	124.2	1.2	-0.01		TZ3	
MDD142	MG28436	124.2	124.75	0.55	0.03		TGF	
MDD142	MG28437	124.75	126	1.25	0.05		RSSZ	
MDD142	MG28438	126	127	1	0.09		TZ4	
MDD142	MG28439	127	128	1	0.02		RSSZ	
MDD142	MG28440	128	129	1	-0.01		TZ4	
MDD142	MG28441	129	130	1	0.08		TZ4	
MDD142	MG28442	130	131	1	0.04		TZ4	
MDD142	MG28443	131	132	1	0.01		TZ4	
MDD142	MG28444	132	133	1	0.07		TZ4	
MDD142	MG28445	133	134	1	1.75		TZ4	
MDD142	MG28446	134	135	1	0.13		TZ4	

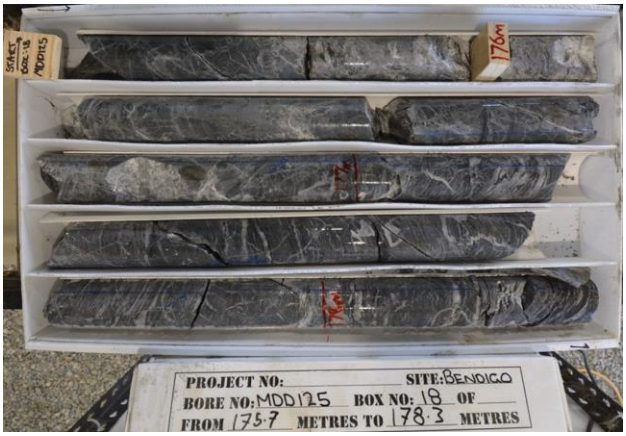
Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD142	MG28447	135	136	1	0.16		TZ4	
MDD142	MG28448	136	137	1	0.05		TZ4	
MDD142	MG28449	137	138	1	0.04		RSSZ	
MDD142	MG28450	138	139	1	0.04		TZ4	
MDD142	MG28451	139	140	1	0.02		TZ4	
MDD142	MG28452	140	141	1	0.02		TZ4	
MDD142	MG28453	141	142	1	0.09		TZ4	
MDD142	MG28457	142	143	1	0.02		TZ4	
MDD142	MG28458	143	144	1	0.03		TZ4	
MDD142	MG28459	144	145	1	0.14		TZ4	
MDD142	MG28460	145	146	1	0.11		TZ4	
MDD142	MG28461	146	147	1	0.38		RSSZ	
MDD142	MG28462	147	148	1	0.65		RSSZ	
MDD142	MG28463	148	149	1	0.21		TZ4	
MDD142	MG28464	149	150	1	0.1		TZ4	
MDD142	MG28465	150	151	1	0.22		TZ4	
MDD142	MG28466	151	152	1	0.02		TZ4	
MDD142	MG28467	152	153	1	0.06		RSSZ	
MDD142	MG28468	153	154	1	0.04		TZ4	
MDD142	MG28469	154	155	1	0.4		RSSZ	
MDD142	MG28470	155	156	1	2.09		RSSZ	
MDD142	MG28471	156	157	1	0.55		RSSZ	
MDD142	MG28472	157	158	1	0.22		RSSZ	
MDD142	MG28473	158	159	1	0.79		RSSZ	
MDD142	MG28474	159	160	1	3		TZ4	
MDD142	MG28475	160	161	1	1.15		RSSZ	
MDD142	MG28476	161	162	1	1.08		RSSZ	
MDD142	MG28480	162	163	1	44.5		RSSZ	P
MDD142	MG28482	163	164	1	0.72		RSSZ	
MDD142	MG28483	164	165	1	0.6		RSSZ	
MDD142	MG28484	165	166	1	3.95		RSSZ	
MDD142	MG28485	166	167	1	4.96		RSSZ	
MDD142	MG28486	167	168	1	25.6		RSSZ	tr
MDD142	MG28487	168	169	1	1.11		RSSZ	
MDD142	MG28488	169	170	1	6.82		RSSZ	tr
MDD142	MG28489	170	171	1	1.51		RSSZ	
MDD142	MG28490	171	172	1	0.36		TZ4	
MDD142	MG28491	172	173	1	-0.01		TZ4	
MDD142	MG28492	173	174	1	0.17		TZ4	
MDD142	MG28493	174	175	1	0.23		TZ4	
MDD142	MG28494	175	176	1	4.82		RSSZ	
MDD142	MG28495	176	177	1	6.45		RSSZ	
MDD142	MG28496	177	178	1	0.13		TZ4	
MDD142	MG28497	178	179	1	9.64		RSSZ	
MDD142	MG28498	179	180	1	3.97		TZ4	
MDD142	MG28499	180	181	1	0.06		TZ4	
MDD142	MG28500	181	182	1	0.14		TZ4	
MDD142	MG28504	182	183	1	0.08		TZ4	
MDD142	MG28505	183	184	1	1.01		TZ4	
MDD142	MG28506	184	185	1	2.12		TZ4	
MDD142	MG28507	185	186	1	0.04		TZ4	
MDD142	MG28508	186	187	1	0.02		TZ4	
MDD142	MG28509	187	188	1	0.01		TZ4	
MDD142	MG28510	188	189	1	0.02		TZ4	
MDD142	MG28511	189	190	1	0.02		TZ4	
MDD142	MG28512	190	191	1	0.03		TZ4	
MDD142	MG28513	191	192	1	0.08		TZ4	
MDD142	MG28514	192	193	1	0.02		TZ4	
MDD142	MG28515	193	194	1	0.08		TZ4	
MDD142	MG28516	194	195	1	0.04		TZ4	
MDD142	MG28517	195	196	1	0.1		TZ4	
MDD142	MG28518	196	197	1	0.03		TZ4	
MDD142	MG28519	197	198	1	0.13		TZ4	
MDD142	MG28520	198	199	1	0.03		TZ4	

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Interval (m)	Au g/t (FAA505)	As ppm (pXRF)	Geol Unit	Visible Gold
MDD142	MG28521	199	200	1	0.05		TZ4	
MDD142	MG28522	200	201	1	0.02		TZ4	
MDD142	MG28523	201	202	1	0.01		TZ4	
MDD142	MG28527	202	203	1	0.01		TZ4	
MDD142	MG28528	203	204	1	-0.01		TZ4	
MDD142	MG28529	204	205	1	0.06		TZ4	
MDD142	MG28530	205	206	1	0.01		TZ4	
MDD142	MG28531	206	207	1	-0.01		TZ4	
MDD142	MG28532	207	208	1	-0.01		TZ4	
MDD142	MG28533	208	209	1	0.04		TZ4	
MDD142	MG28534	209	210	1	-0.01		TZ4	
MDD142	MG28535	210	211	1	-0.01		TZ4	
MDD142	MG28536	211	212	1	-0.01		TZ4	
MDD142	MG28537	212	213	1	0.04		TZ4	
MDD142	MG28538	213	214	1	-0.01		TZ4	
MDD142	MG28539	214	215	1	-0.01		TZ4	
MDD142	MG28540	215	216	1	-0.01		TZ4	
MDD142	MG28541	216	217	1	-0.01		TZ4	
MDD142	MG28542	217	218	1	-0.01		TZ4	
MDD142	MG28543	218	219	1	0.07		TZ4	
MDD142	MG28544	219	220	1	0.02		TZ4	
MDD142	MG28545	220	221	1	-0.01		TZ4	
MDD142	MG28546	221	222	1	0.01		TZ4	
MDD142	MG28550	222	223	1	0.01		TZ4	
MDD142	MG28551	223	224	1	0.01		TZ4	
MDD142	MG28552	224	225	1	0.01		TZ4	
MDD142	MG28553	225	226	1	-0.01		TZ4	
MDD142	MG28554	226	226.9	0.9	0.03		TZ4	

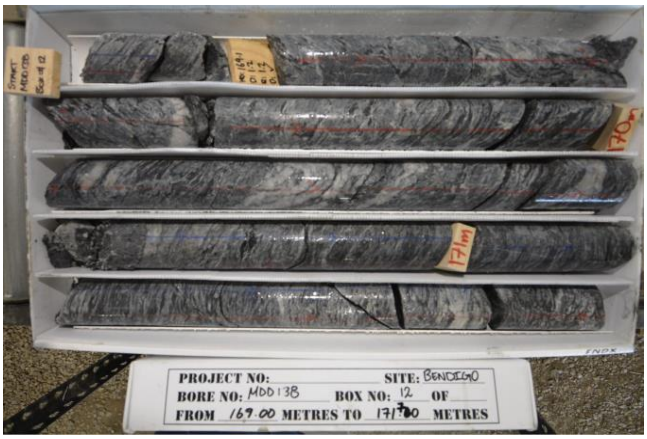
Appendix **4** - **Selected Core Photos**

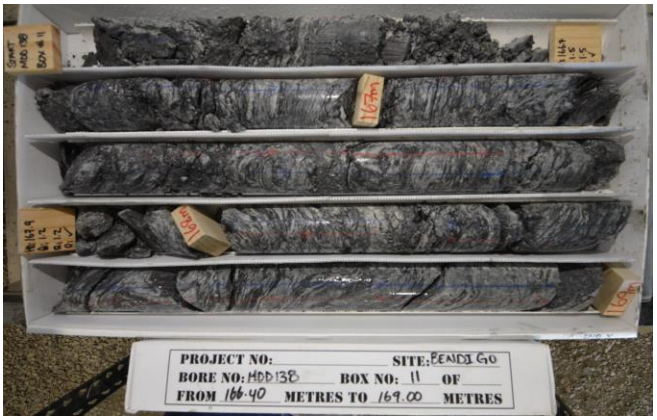
MDD125 Core Photos - 157.3m - 178.3m

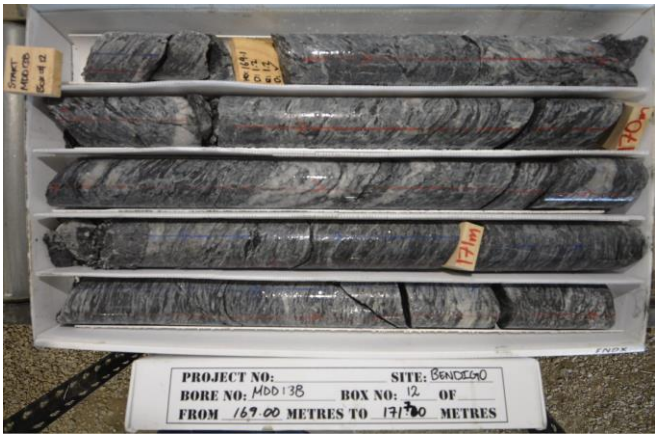


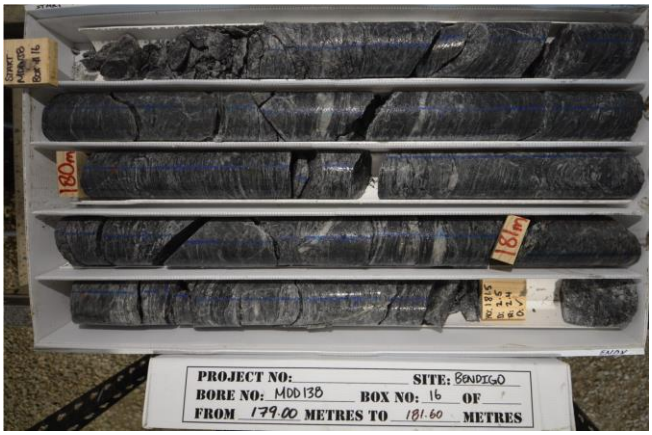


MDD138 Core Photos - 161.2m - 181.6m









MDD142 Core Photos - 161.2m - 181.6m

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. RC samples were sub-sampled at 1.0 m intervals using a rotary splitter yielding a 30% sub-sample. Samples are crushed at the receiving laboratory to minus 2mm (85% passing) and split to provide 1kg for pulverising to -75um. Pulps are fire assayed (FAA) using a 50g charge with AAS finish. Certified standards, blanks and field replicates are inserted with the original batches at a frequency of ~4% for QAQC purposes. All pulps and crush reject (CREJ) are returned from the laboratory for further ~4% QAQC checks which involve pulp FAA re-assays by the original and an umpire laboratory and CREJ re-assayed by 500-gram (+ & -75mu) screen fire assay (SFA), 1kg BLEG (LeachWELL) and 2*500-gram Photon analysis (PHA) for gold. Where multiple assays exist for a single sample interval, larger samples are ranked in the database: PHA > BLEG > SFA > FAA. All returned pulps are analysed for a suite of 31 elements by portable XRF (pXRF).

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). RC drilling used a face sample bit with sample collected in a cyclone mounted over a rotary splitter producing 2 x 30% splits and 1 x 40% split. The two 30% splits were used as primary sample and field duplicate (if submitted) with the 40% split used for logging and then stored at the MGL core yard. 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 ~95% recoveries. RC sample recovery is measured as sample weight recovered. 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 0-450 metres below collar). Data is recorded directly into digital spreadsheets and then uploaded into a PostgreSQL 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. RC chips were sieved and logged for lithology, colour, oxidation, weathering, vein percentage and sulphide minerals. All core is photographed wet and dry before cutting. Sieved RC chips are also photographed.

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 (FAA) using a 50g charge. 50g charge is considered minimum requirement for the coarse nature of the gold. Larger screen fire assays (SFA), 1kg BLEG (LeachWELL) and 2*500gm Photon Analyses (PHA) are conducted periodically as a QAQC check. RC samples were sub-sampled by a rotary splitter as described above. Large diameter (83mm) PQ3 core was maintained (where conditions allow) for DD holes to MDD016 and subsequently HQ3 (61mm) for drillholes MDD017 to MDD131. 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. Field duplicates of RC samples are taken at the time of sampling.

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 and RC chip samples 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 or FAD505 DDL 1ppm Au & FAD52V DDL 500ppm 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 secs (90 secs total). pXRF QAQC checks involve 2x daily calibration and QAQC analyses of SiO2 blank, NIST standards (NIST 2710a & NIST 2711a), & OREAS standards (238, 235 & 211). For laboratory QAQC, samples (3*certified standards, blanks and field replicates) are inserted into laboratory batches at a frequency of ~4% and ~5% respectively. Once 1,000 samples have been assayed a ~5% selection of retained lab pulps across a range of grades are sent for re-assay and 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 larger sample results are adopted. To date results are accurate and fit well with the mineralisation model. Twinned data is available where DD core holes have been sited adjacent to previous RC drillholes and where DD redrills have occurred. 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.*	All drillhole collar locations are accurate (+/- 50mm) xyz coordinates when captured by an experienced surveyor using RTK-GPS equipment. All drill holes reference the NZTM map projection and collar RLs the NZVD2016 vertical datum. DD down hole surveys are recorded continuously with a Precision north seeking Gyro downhole survey tool. RC holes are surveyed 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 an azimuth between 180°T and 270°T to intercept mineralisation at a reasonable angle and facilitate core orientation measurements. However, due to topographical constraints and the nature of infill drilling where intercepts are being targeted with some accuracy, some drillholes will be drilled at other azimuths and inclinations as noted. True mineralisation widths in these drillholes will be less than downhole intervals. As the deposits are tabular and lie at low angles, there is not anticipated to be any introduced bias for resource estimates. Most RC holes were drilled either vertically or at -60° towards 228°.

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. RC samples are also place in polyweave bags and secured with zip ties. 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. Apple AirTags™ are currently being trialled to GPS-track pallets. 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 and December 2022 of all sampling techniques and data management. No major issues were identified, and recommendations have been followed. Snowdon Optiro completed a desktop review of the assay methods and QC sample results and in its report concluded that the sampling and assaying methods are in line with standard industry procedures.

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. An application to extend the period of duration has been accepted for processing by NZ Petroleum and Minerals. MEP 60311 continues in force in accordance with section 36 (5A) of the Crown Minerals Act 1991. 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 (and 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. 1.50g/t Au cut-off is possible economically underground exploitable 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 apparent 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 infill drilling of existing inferred resources is continuing at RAS on 60*40m metre spacing. Further extensional drilling is about to recommence at CIT, SHR and SRE deposits .followed by target definition drilling elsewhere in the project area. A 2021 MRE update (to JORC Code 2012) completed in September 2021 increased Inferred Resources 155% to 643Koz from the 252Koz 2019 MRE (uncut & 0.25g/t lower cut-off). A 2022 MRE upgrade of RAS was completed in early July 2022 which increased the Global Inferred resources 3-fold to 2.1Moz (top-cut & 0.25g/t lower cut-off). A 2023 MRE upgrade of RAS was completed in early February 2023 which increased the total resources to 2.9Moz (top-cut & 0.5g/t lower cut-off) including the maiden report of Indicated Resources at RAS of 0.3Moz as well as increasing Inferred Resources at RAS to 2.4Moz for total RAS resources of 2.7Moz. Potential extensions to mineralisation and resources currently being drill tested are shown in figures in the body of the text.