21 December 2022



RPM Continues to Deliver High Grade Gold as Footprint Grows

Significant scope for resource growth at RPM, starts to build a strong case for a second smaller mining center, at the Estelle Gold Project, in the southern area

Resource update now underway for the Phase 2 Scoping Study

Highlights

 Further high-grade gold assay results received from diamond drilling along the 9.6Moz Estelle Gold Trend at RPM. The results are from a combination of infill and extensional drilling and highlight the very high-grade nature of the near surface mineralization. Significant step out results include:

o RPM-033

- 107m @ 7.4 g/t Au from 41m including;
- **80m** @ **9.8** g/t Au from 56m
- **40m** @ **11.8** g/t Au from 56m

(RPM-033 returned an overall average grade of **3.3** *g/t* **Au over 253m (835 gram meters)** from 14m within the RPM North mineralized zone at 0.1 g/t cutoff)

 Maiden RPM South drill results replicate the early RPM North discovery diamond drill hole SE12-008, which returned results of 178m @ 0.8 g/t Au, including 120m @ 1.0 g/t Au and 50m at 1.8 g/t Au (ASX Announcement:17 September 2019). Significant initial results include:

o RPM-023

- 116m @ 0.9 g/t Au from 8m including;
- 94m @ 1.0 g/t Au from 24m
- 15m @ 2.3 g/t Au from 94m

(RPM-023 returned an overall average grade of **0.5g/t Au over 333m** from 8m within the RPM South mineralized zone at 0.1 g/t cutoff)

- Geological observations indicate the RPM North and RPM South systems are genetically linked, providing the potential for significant resource upside (Figure 3 – Plan view), with the focus now on identifying and targeting highgrade blow out zones similar to those intersected at RPM North.
- Resource definition drilling improves the confidence around early production of exceptionally high-grade material at RPM, with additional tonnes now establishing a case for the possibility of two standalone mining operations along the Estelle Gold Trend, at RPM and Korbel, to be investigated as part of the PFS trade off studies.



CEO, Christopher Gerteisen, says
"RPM is the jewel in the crown"
To watch a video commentary on the
RPM results and discussion about the
potential for a southern area mining
center please click here



- Recently drilled deeper holes have now also intersected a second much larger mineralized intrusive at RPM North, with structural data collected from oriented drill core confirming a genetic geological connection to RPM South.
- 30,000m of additional drilling to be added to the current 9.6Moz mineral resource estimate, which focused on resource growth and confidence, and is also to be included in the production schedule for the Phase 2 Scoping Study now well underway
- Upon completion of the resource update, and analysis of the oriented core studies and rock chip samples, the focus will be on the RPM region with a detailed drill plan to be developed aiming to improve the geological understanding further to continue to grow the current high-grade resource in the area.

Upcoming Milestones

- Continuous results from the 2022 drill program as they are received from the laboratory, for Korbel Main, Cathedral, You Beauty and Korbel
- Resource (MRE) updates for RPM North, RPM South, Korbel Main and Cathedral
- Phase 2 scoping study to be produced soon after the Global MRE is complete
- PFS test work as it becomes available
- Drill planning for 2023, focusing on the RPM and Train areas of interest
- New discoveries across the wider Estelle Gold Trend Assays pending

Nova CEO, Mr. Christopher Gerteisen commented: "I am pleased to report more major high-grade broad intercepts from our drilling at RPM. These new results have something for everyone with further high-grade intersections confirming the continuity of the bonanza zone at RPM North, and expansion of the total resource area with RPM South and a second mineralized intrusive now defined. While the initial RPM South holes replicate the early discovery results which we saw at RPM North in hole SE12-008, which led us to the bonanza blow out zone, importantly the 2022 drilling has now also confirmed a second much thicker mineralized intrusive which connects the RPM North and RPM South zones, demonstrating a genetic link between the two areas. With over 600m of strike length between the two zones, and similar geological observations to RPM North, the deposit remains wide open, with the search now on for more super high-grade bonanza zones providing further upside resource potential as we move forward.

Excitingly, we have now also started to investigate the possibly of developing a second smaller mining center in the southern part of the Estelle Gold Trend, which will be tested as part of our PFS trade off studies, upon the completion of the Phase 2 Scoping Study.

With resource definition and extensional drilling at RPM expected to increase both the confidence level of the resource and extend the mineralization, an updated Mineral Resource Estimate (MRE) is now being completed, with the inclusion of the high-grade RPM ore in the production schedule expected to have a significant positive impact on key economic metrics in the Phase 2 Scoping Study, now well underway.

With long-term opportunity and the prospect of multiple mining centers across the single project, we continue on our path to becoming a world class, global gold producer."



Nova Minerals Limited (Nova or the Company) (ASX: NVA, OTC: NVAAF, FSE: QM3) is pleased to announce further major high-grade gold Intersections at RPM and the potential for a second mining center in the southern area, of the Company's flagship Estelle Gold Trend, located in the prolific Tintina Gold Belt in Alaska.

RPM North Drill Results

• Exceptional, broad high-grade gold intersections continue at RPM North and mineralization remains open (Figures 1, 2 & 4). Significant results at 0.3 g/t cutoff grade include:

o RPM-030

- 76m @ 1.8 g/t Au from 95m including;
- 70m @ 2.0 g/t Au from 95m
- 21m @ 4.5 g/t Au from 143

(RPM-030 upper intercept returned an overall average grade of **1.1** g/t Au over **143**m from 37m within the RPM North mineralized zone at 0.1g/t cutoff)

And

- 31m @ 1.6 g/t Au from 203m including;
- **27m** @ **1.8.g/t** Au from 206m
- 9m @ 3.4 g/t Au from 206m

(RPM-030 lower intercept returned an overall average grade of **1.0** g/t Au over **55m** from 203m within the RPM North mineralized zone at 0.1g/t cutoff)

o RPM-035

- **111m** @ **1.6 g/t Au** from 93m including;
- **67m @ 2.2 g/t Au** from 93m
- **24m @ 4.7 g/t Au** from 109m
- **18m** @ **6.0 g/t Au** from 112m

(RPM-035 returned an overall average grade of **0.9** g/t Au over **237m** from 5m within the RPM North mineralized zone at 0.1 g/t cutoff)

o RPM-036

- 74m @ 0.8 g/t Au from 111m including;
- **18m** @ **1.2** g/t Au from 133m
- **19m** @ **1.0** g/t Au from 166m

(RPM-036 returned an overall average grade of **0.5** *g/t* **Au over 163m** from 35m within the RPM North mineralized zone at 0.1 g/t cutoff)

o RPM-037

- 98m @ 1.7 g/t Au from 41m including;
- **40m @ 3.7 g/t Au** from 81m
- **12m** @ **9.5** g/t Au from 93m

(RPM-037 upper intrusive returned an overall average grade of **1.2** g/t Au over **152m** from 35m within the RPM North mineralized zone at 0.1g/t cutoff)

- 103m @ 1.0 g/t Au from 325m including;
- **30m** @ **1.9** g/t Au from 325m



21m @ 2.5 g/t Au from 325m

and

- **79m @ 1.0g/t Au** from 471m including;
- **30m** @ **2.0** g/t Au from 501m

(RPM-037 lower intrusive returned an overall average grade of **0.7g/t Au over 268m** from 282m within the RPM North mineralized zone at 0.1g/t cutoff)

RPM South Drill Results

Maiden drilling at RPM South has delivered gold grades and widths similar to the initial discovery
holes at RPM North (Figure 3). Geological observations from RPM South also indicate that the
system is genetically linked to RPM North, and mineralization remains open (Figure 4).
Significant results at 0.3g/t cutoff grade include:

o RPM-013

- 101m @ 0.7 g/t Au from 3m including;
- **18m @ 1.0 g/t Au** from 35m

(RPM-013 returned an overall average grade of **0.6** *g/t* **Au over 125m** from 3m within the RPM South mineralized zone at 0.1 *g/t* cutoff)

RPM-019

- 259m @ 0.6 g/t Au from 5m including;
- **39m** @ **1.0** g/t Au from 9m
- **38m @ 1.0 g/t Au** from 130m

(RPM-019 returned an overall average grade of **0.5** *g/t* **Au over 344m** from 5m within the RPM South mineralized zone at 0.1 *g/t* cutoff)

o RPM-026

- 309m @ 0.5 g/t Au from 7m including;
- 40m @ 0.8 g/t Au from 252m

(RPM-026 returned an overall average grade of **0.5** g/t Au over **373m** from 7m within the RPM South mineralized zone at 0.1 g/t cutoff)

o RPM-028

- **131m** @ **0.6** g/t Au from 8m including;
- **52m @ 0.7 g/t Au** from 8m
- 13m @ 1.4 g/t Au from 8m

(RPM-028 returned an overall average grade of **0.3** *g/t* **Au over 352m** from 8m within the RPM South mineralized zone at 0.1 *g/t* cutoff)

o RPM-029

- 15m @ 1.2 g/t Au from 5m including;
- **18m** @ **2.0** g/t Au from 188m

(RPM-029 returned an overall average grade of **0.6** g/t Au over **250m** from 5m within the RPM



South mineralized zone at 0.1 g/t cutoff)

○ RPM-032

- **125m** @ **0.6** g/t Au from 27m including;
- **37m** @ **1.0** g/t Au from 27m

(RPM-032 returned an overall average grade of **0.5 g/t Au over 220m** from 11m within the RPM South mineralized zone at 0.1 g/t cutoff)

o RPM-034

- 143m @ 0.5 g/t Au from 9m including;
- **21m @ 0.7 g/t Au** from 12m

(RPM-034 returned an overall average grade of **0.4** g/t Au over **260m** from 7m within the RPM South mineralized zone at 0.1 g/t cutoff)

RPM Drilling Summary

The 2022 infill and extensional resource drilling programs at both RPM North and RPM South are complete and pending an upgraded Mineral Resource Estimate and oriented core structural studies. The latest results continue to prove up and increase the size of the broad zone of high-grade gold mineralization (+2 g/t) within the RPM area which includes previous significant drill results of:

- RPM-005 **400m** @ **3.5** g/t Au (1,400 gram meters), including **132m** @ **10.1** g/t Au (ASX Announcement: 11 October 2021)
- RPM-0015 **258m @ 5.1 g/t Au (1,316 gram meters), including 78m @ 16.0 g/t Au** (ASX Announcement: 11 October 2021) and;
- RPM-008 **260m** @ **3.6** g/t Au (936 gram meters), including **140m** @ **6.5** g/t Au (ASX Announcement: 8 August 2022)

The drilling also continues to provide high quality geological data that is being collated and interpreted to provide greater deposit knowledge. The nature and geometry of the intrusive units, and interplay with structures, are key to controls on gold mineralization. These geological and interpretative insights are invaluable in developing further targets for the systematic exploration programs within the RPM area, as well as across the greater Estelle Gold Trend.

Infill and step-out holes were completed to prove up and increase the resource and further test the extent of high-grade mineralization around hole RPM-005 (ASX Announcement: 11 October 2021 – 400m @ 3.5 g/t Au, including 132m @ 10.1 g/t Au) and RPM-008 (ASX Announcement: 8 August 2022 – 260m @ 3.6 g/t Au, including 140m @ 6.5 g/t Au). The results confirm strong continuity of the high-grade zone which remains wide open (*Figure 1*).

Additionally, recently drilled deeper holes have now also intersected a second much larger mineralized intrusive at RPM North (*Figure 2*), with structural data collected from oriented drill core confirming a genetic geological connection to RPM South (*Figures 3 & 4*). With over 600m of strike length between the RPM North and RPM South zones, and the potential for additional super high-grade bonanza zones to be targeted in upcoming drill programs, significant further resource upside remains with the RPM area.



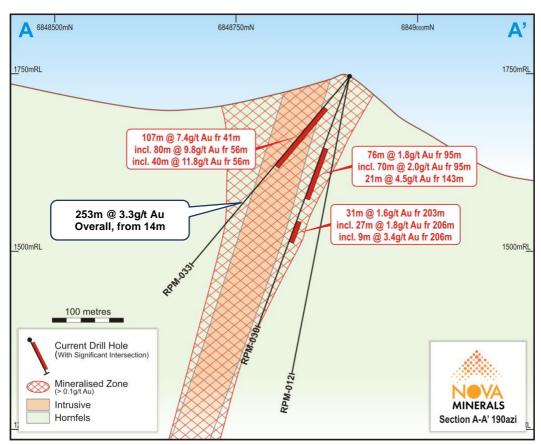


Figure 1. RPM North Section_A-A'_190azi showing continuity of mineralization

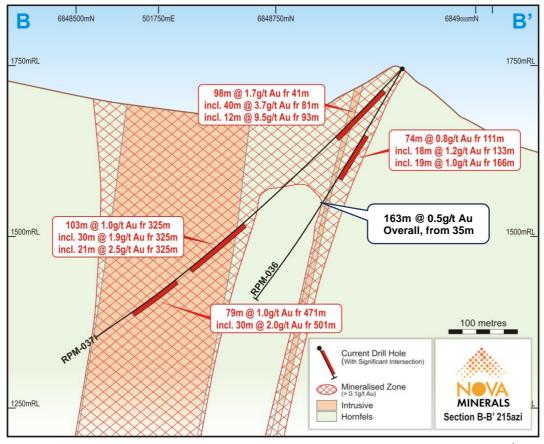


Figure 2. RPM North Section_B-B'_215azi showing the intersection with the 2nd mineralized intrusive



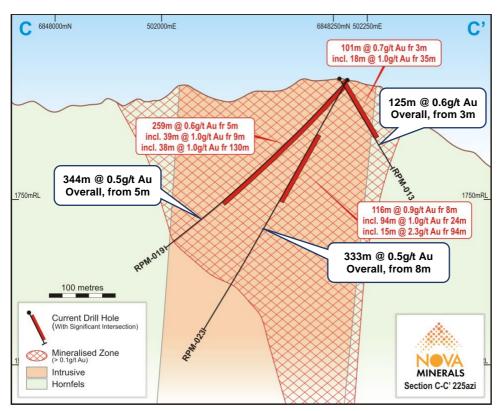


Figure 3. RPM South Section_C-C'_225azi showing broad zone of mineralization from surface

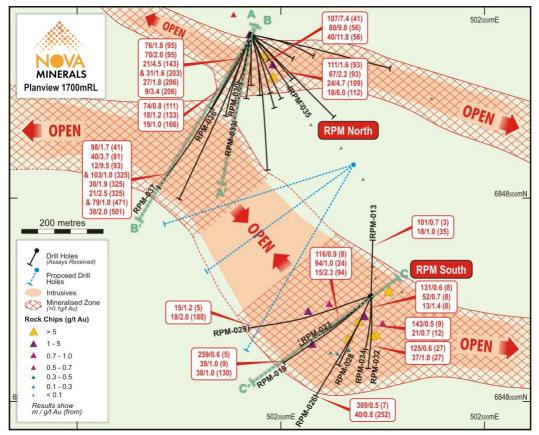


Figure 4. RPM North and South Deposit plan view with new holes and proposed drill location



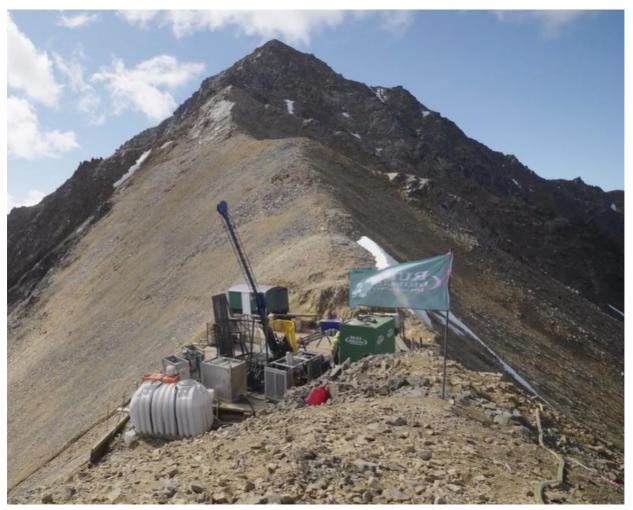


Figure 5. Drilling at RPM South

Potential Southern Area Mining Center

The significant scope for major resource development at RPM, and possibly another deposit in the Train and Shoeshine areas as well (subject to drilling to commence in 2023), has now given the company optionality to investigate the case for potentially developing two standalone mining operations along the Estelle Gold Trend – A northern mining center around the Korbel Area and a southern mining center around the RPM/Train Areas (*Figure 6*).

Upon the completion of Phase 2 Scoping Study, PFS level trade off studies will be used to investigate the possibility of establishing an initial smaller standalone southern area mining center around RPM, for the initial years, with a larger northern area mining center around Korbel to be commissioned in later years, as outlined in the previously released Phase 1 Scoping Study (ASX Announcement 28 February 2022).



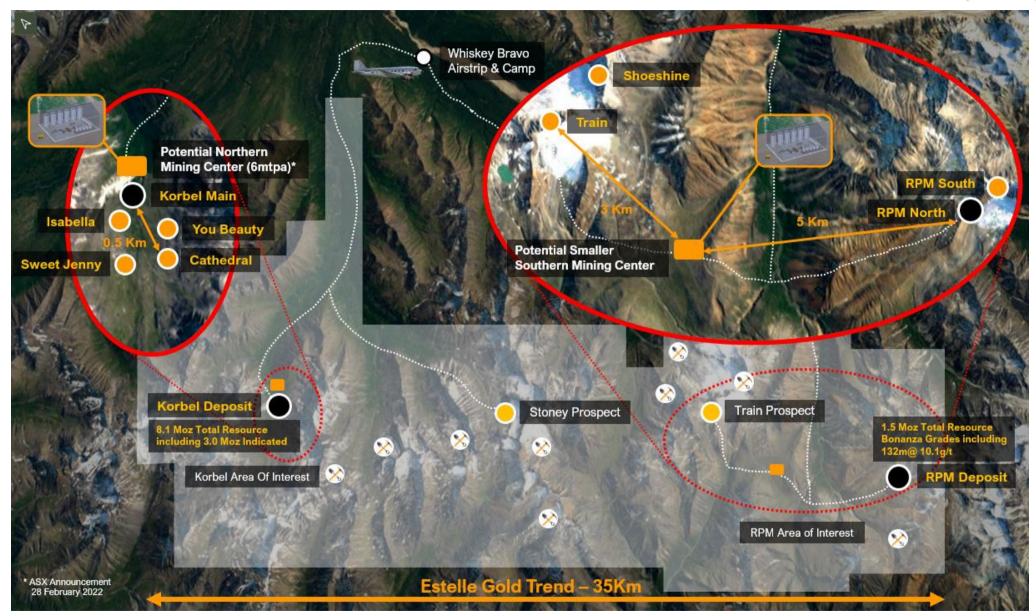


Figure 6. Unlocking the opportunity to establish two major mining centers within the Estelle Gold Trend



Table 1. Drill Hole Locations

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RPM-014 501741 6848888 1612 281 180 -45 North ASX : 4 October 2022 RPM-015 501927 6848903 1737 309 180 -60 North ASX : 22 August 2022 RPM-016 501741 6848888 1612 278 180 -70 North ASX : 4 October 2022 RPM-017 501741 6848888 1612 244 90 -45 North ASX : 4 October 2022 RPM-018 501927 6848902 1737 178 180 -45 North ASX : 21 December 2022 RPM-019 502222 6848260 1918 362 225 -45 South ASX : 21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX : 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX : 4 October 2022 RPM-022 501928 6848903 1737 433	RPM-012	501927	6848903	1736	417	180	-80	North	ASX: 4 October 2022
RPM-015 501927 6848903 1737 309 180 -60 North ASX : 22 August 2022 RPM-016 501741 6848888 1612 278 180 -70 North ASX : 4 October 2022 RPM-017 501741 6848888 1612 244 90 -45 North ASX : 4 October 2022 RPM-018 501927 6848902 1737 178 180 -45 North ASX : 21 December 2022 RPM-019 502222 6848260 1918 362 225 -45 South ASX : 21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX : 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX : 4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX : 21 December 2022 RPM-023 502222 6848892 1593 380	RPM-013	502222	6848257	1919	197	0	-45	South	ASX: 21 December 2022
RPM-016 501741 6848888 1612 278 180 -70 North ASX: 4 October 2022 RPM-017 501741 6848888 1612 244 90 -45 North ASX: 21 August 2022 RPM-018 501927 6848902 1737 178 180 -45 North ASX: 21 August 2022 RPM-019 502222 6848260 1918 362 225 -45 South ASX: 21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX: 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX: 4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX: 21 December 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX: 21 December 2022 RPM-024 501586 6848892 1593 380 <	RPM-014	501741	6848888	1612	281	180	-45	North	ASX: 4 October 2022
RPM-017 501741 6848888 1612 244 90 -45 North ASX: 4 October 2022 RPM-018 501927 6848902 1737 178 180 -45 North ASX: 21 August 2022 RPM-019 502222 6848260 1918 362 225 -45 South ASX: 21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX: 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX: 4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX: 21 December 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX: 21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX: 4 October 2022 RPM-025 501927 6848259 1919 401 <	RPM-015	501927	6848903	1737	309	180	-60	North	ASX : 22 August 2022
RPM-018 501927 6848902 1737 178 180 -45 North ASX: 21 August 2022 RPM-019 502222 6848260 1918 362 225 -45 South ASX: 21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX: 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX: 4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX: 4 October 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX: 21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX: 4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX: 21 December 2022 RPM-026 502223 6848892 1593 345	RPM-016	501741	6848888	1612	278	180	-70	North	ASX: 4 October 2022
RPM-019 502222 6848260 1918 362 225 -45 South ASX:21 December 2022 RPM-020 501928 6848903 1737 386 203 -75 North ASX:4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX:4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX:4 October 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX:21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX:4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX:21 December 2022 RPM-026 502223 6848259 1919 401 203 -45 North ASX:21 December 2022 RPM-027 501586 6848892 1593 345 22	RPM-017	501741	6848888	1612	244	90	-45	North	ASX: 4 October 2022
RPM-020 501928 6848903 1737 386 203 -75 North ASX: 4 October 2022 RPM-021 501741 6848888 1612 316 113 -45 North ASX: 4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX: 4 October 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX: 21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX: 4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX: 21 December 2022 RPM-026 502223 6848259 1919 401 203 -45 North ASX: 21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX: 21 December 2022 RPM-028 502223 6848259 1919 393	RPM-018	501927	6848902	1737	178	180	-45	North	ASX : 21 August 2022
RPM-021 501741 6848888 1612 316 113 -45 North ASX:4 October 2022 RPM-022 501928 6848903 1737 433 203 -60 North ASX:4 October 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX:21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX:4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX:21 December 2022 RPM-026 502223 6848259 1919 401 203 -45 South ASX:21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX:21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX:21 December 2022 RPM-030 501928 6848903 1736 364	RPM-019	502222	6848260	1918	362	225	-45	South	ASX: 21 December 2022
RPM-022 501928 6848903 1737 433 203 -60 North ASX:4 October 2022 RPM-023 502222 6848260 1918 423 225 -60 South ASX:21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX:4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX:4 October 2022 RPM-026 502223 6848259 1919 401 203 -45 South ASX:21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX:21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX:21 December 2022 RPM-039 502219 6848259 1932 407 247 -45 South ASX:21 December 2022 RPM-031 501928 6848903 1736 364	RPM-020	501928	6848903	1737	386	203	-75	North	ASX: 4 October 2022
RPM-023 502222 6848260 1918 423 225 -60 South ASX: 21 December 2022 RPM-024 501586 6848892 1593 380 180 -45 North ASX: 4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX: 4 October 2022 RPM-026 502223 6848259 1919 401 203 -45 South ASX: 21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX: 21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX: 21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX: 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316	RPM-021	501741	6848888	1612	316	113	-45	North	ASX: 4 October 2022
RPM-024 501586 6848892 1593 380 180 -45 North ASX:4 October 2022 RPM-025 501927 6848902 1737 540 203 -45 North ASX:4 October 2022 RPM-026 502223 6848259 1919 401 203 -45 South ASX:21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX:21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX:21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX:21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX:21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX:21 December 2022 RPM-032 502223 6848260 1919 243 <t< td=""><td>RPM-022</td><td>501928</td><td>6848903</td><td>1737</td><td>433</td><td>203</td><td>-60</td><td>North</td><td>ASX: 4 October 2022</td></t<>	RPM-022	501928	6848903	1737	433	203	-60	North	ASX: 4 October 2022
RPM-025 501927 6848902 1737 540 203 -45 North ASX: 4 October 2022 RPM-026 502223 6848259 1919 401 203 -45 South ASX: 21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX: 21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX: 21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX: 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 327	RPM-023	502222	6848260	1918	423	225	-60	South	ASX: 21 December 2022
RPM-026 502223 6848259 1919 401 203 -45 South ASX : 21 December 2022 RPM-027 501586 6848892 1593 345 225 -45 North ASX : 21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX : 21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX : 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX : 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX : 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX : 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX : 21 December 2022 RPM-035 501929 6848904 1736 <td< td=""><td>RPM-024</td><td>501586</td><td>6848892</td><td>1593</td><td>380</td><td>180</td><td>-45</td><td>North</td><td>ASX: 4 October 2022</td></td<>	RPM-024	501586	6848892	1593	380	180	-45	North	ASX: 4 October 2022
RPM-027 501586 6848892 1593 345 225 -45 North ASX: 21 December 2022 RPM-028 502223 6848259 1919 393 203 -60 South ASX: 21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX: 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501928 6848904 1736 327 <td>RPM-025</td> <td>501927</td> <td>6848902</td> <td>1737</td> <td>540</td> <td>203</td> <td>-45</td> <td>North</td> <td>ASX: 4 October 2022</td>	RPM-025	501927	6848902	1737	540	203	-45	North	ASX: 4 October 2022
RPM-028 502223 6848259 1919 393 203 -60 South ASX: 21 December 2022 RPM-029 502219 6848259 1932 407 247 -45 South ASX: 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 <td>RPM-026</td> <td>502223</td> <td>6848259</td> <td>1919</td> <td>401</td> <td>203</td> <td>-45</td> <td>South</td> <td>ASX: 21 December 2022</td>	RPM-026	502223	6848259	1919	401	203	-45	South	ASX: 21 December 2022
RPM-029 502219 6848259 1932 407 247 -45 South ASX: 21 December 2022 RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-027	501586	6848892	1593	345	225	-45	North	ASX: 21 December 2022
RPM-030 501928 6848903 1736 364 191 -67 North ASX: 21 December 2022 RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-028	502223	6848259	1919	393	203	-60	South	ASX: 21 December 2022
RPM-031 501586 6848892 1593 316 348 -45 North ASX: 21 December 2022 RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-029	502219	6848259	1932	407	247	-45	South	ASX: 21 December 2022
RPM-032 502223 6848260 1919 243 180 -45 South ASX: 21 December 2022 RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-030	501928	6848903	1736	364	191	-67	North	ASX: 21 December 2022
RPM-033 501928 6848903 1736 337 191 -50 North ASX: 21 December 2022 RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-031	501586	6848892	1593	316	348	-45	North	ASX: 21 December 2022
RPM-034 502222 6848260 1919 268 180 -60 South ASX: 21 December 2022 RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-032	502223	6848260	1919	243	180	-45	South	ASX: 21 December 2022
RPM-035 501929 6848904 1736 327 145 -60 North ASX: 21 December 2022 RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-033	501928	6848903	1736	337	191	-50	North	ASX: 21 December 2022
RPM-036 501928 6848902 1736 389 214 -60 North ASX: 21 December 2022	RPM-034	502222	6848260	1919	268	180	-60	South	ASX: 21 December 2022
	RPM-035	501929	6848904	1736	327	145	-60	North	ASX: 21 December 2022
RPM-037 501928 6848902 1736 584 214 -45 North ASX: 21 December 2022	RPM-036	501928	6848902	1736	389	214	-60	North	ASX: 21 December 2022
	RPM-037	501928	6848902	1736	584	214	-45	North	ASX: 21 December 2022

Note: UTM = NAD83 Zone 5



Table 2. Inferred Resource Estimate, RPM Deposit, Various Cut Off Grades - 31 g/t Au Cap

	Inferred			
Cut-off Au g/t	Tonnes	Grade Au g/t	Gold Ounces	
0.00	61,871,933	0.801	1,593,397	
0.05	47,922,893	1.029	1,585,463	
0.10	38,560,690	1.262	1,564,595	
0.15	32,002,128	1.495	1,538,218	
0.20	28,738,640	1.646	1,520,876	
0.25	24,993,693	1.859	1,493,852	
0.30	23,077,163	1.991	1,477,241	
0.35	20,927,883	2.162	1,454,718	
0.40	19,034,960	2.340	1,432,074	
0.45	17,466,558	2.512	1,410,668	
0.50	15,461,915	2.775	1,379,507	

For further information regarding Nova Minerals Ltd please visit the Company's website www.novaminerals.com.au

This announcement has been authorized for release by the Executive Directors.

Christopher Gerteisen Ian Pamensky
CEO and Executive Director Company Secretary

E: info@novaminerals.com.au E: info@novaminerals.com.au

About Nova Minerals

Nova Minerals Limited (ASX: NVA) vision is developing North America's next major gold trend, Estelle, to become a world-class, tier-one, global gold producer. With decades of opportunity, of potentially multiple mines across a single project, Nova's flagship Estelle Gold Trend is a 35km long mineralized corridor of over 20 identified gold prospects, including two already defined multi-million ounce resources containing a combined 9.6 Moz Au. The project is situated in Alaska's prolific Tintina Gold Belt, a province which hosts a 220 million ounce (Moz) documented gold endowment and some of the world's largest gold mines and discoveries including Victoria Gold's Eagle Mine and Kinross Gold Corporation's Fort Knox Gold Mine.

Additionally, Nova holds a substantial interest in NASDAQ-listed lithium explorer Snow Lake Resources Ltd (NASDAQ: LITM) and a holding in Asra Minerals Limited (ASX: ASR), a gold and rare earths exploration company based in Western Australia, and a 9.9% interest in privately owned RotorX Aircraft manufacturing (www.rotorxaircraft.com/evtol/) who are seeking to list in the USA in the near future.





Competent Person Statement

Mr Vannu Khounphakdee P.Geo., who is an independent consulting geologist of a number of mineral exploration and development companies, reviewed and approves the technical information in this release and is a member of the Australian Institute of Geoscientists (AIG), which is ROPO accepted for the purpose of reporting in accordance with ASX listing rules. Mr Vannu Khounphakdee has sufficient experience relevant to the gold deposits under evaluation to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Vannu Khounphakdee is also a Qualified Person as defined by S-K 1300 rules for mineral deposit disclosure. Mr Vannu Khounphakdee consents to the inclusion in the report of the matters based on information in the form and context in which it appears.

Forward-looking Statements and Disclaimers

This ASX announcement ("**Announcement**") has been prepared by Nova Minerals Limited ("**Nova**" or the "**Company**") and contains summary information about Nova holding in Snow Lake Resources Ltd and their activities, which is current as at the date of this Announcement. The information in this Announcement is of a general nature and does not purport to be complete nor does it contain all the information, which a prospective investor may require in evaluating a possible investment in Nova.

By its very nature exploration for minerals is a high-risk business and is not suitable for certain investors. Nova's securities are speculative. Potential investors should consult their stockbroker or financial advisor. There are a number of risks, both specific to Nova and of a general nature which may affect the future operating and financial performance of Nova and the value of an investment in Nova including but not limited to economic conditions, stock market fluctuations, gold provide



movements, regional infrastructure constraints, timing of approvals from relevant authorities, regulatory risks, operational risks and reliance on key personnel and foreign currency fluctuations.

Except for statutory liability which cannot be excluded, each of Nova's, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in this Announcement and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this Announcement or any error or omission here from. The Company is under no obligation to update any person regarding any inaccuracy, omission or change in information in this Announcement or any other information made available to a person nor any obligation to furnish the person with any further information. Recipients of this Announcement should make their own independent assessment and determination as to the Company's prospects, its business, assets and liabilities as well as the matters covered in this Announcement.

This Announcement is for information purposes only and does not constitute or form any part of any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any securities in the Company in any jurisdiction. It is not intended to be and is not a prospectus, product disclosure statement, offering memorandum or private placement memorandum for the purpose of Chapter 6D of the Corporation Act 2001. This Announcement and its contents must not be distributed, transmitted or viewed by any person in any jurisdiction where the distribution, transmission or viewing of this Announcement would be unlawful under the securities or other laws of that or any other jurisdiction. The Company or any of its affiliates, directors or officers that any recipients invest in the Company, does not consider this Announcement a recommendation nor does it constitute as any investment, accounting financial, legal or tax advice.

This Announcement does not contain all information which may be material to the making of a decision in relation to the Company. Recipients of this document should carefully consider whether the securities issued by the Company are an appropriate investment for them in light of their personal circumstances, including their financial and taxation position. No account has been taken of the objectives, financial situation or needs of any recipient of this document. Any investor should seek independent financial and taxation advice independent assessment and determination as to the Company's prospects prior to making any investment decision, and should not rely on the information in this Announcement for that purpose. Neither the Company nor its related bodies corporate is licensed to provide financial advice in respect of the Company's securities or any financial products. This Announcement does not involve or imply a recommendation or a statement of opinion in respect of whether to buy, sell or hold securities in the Company. The securities issued by the Company are considered speculative and there is no guarantee that they will make a return on the capital invested, that dividends will be paid on the shares or that there will be an increase in the value of the shares in the future.

Certain statements in this document are or may be "forward-looking statements" and represent Nova's 37% held Snow Lake's intentions, projections, expectations or beliefs concerning among other things, future exploration activities. The projections, estimates and beliefs contained in such forward-looking statements necessarily involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Snow Lake and Nova, and which may cause Nova's and Snow Lake's actual performance in future periods to differ materially from any express or implied estimates or projections. Nothing in this document is a promise or representation as to the future. Statements or assumptions in this document as to future matters may prove to be incorrect and differences may be material. Nova does not make any representation or warranty as to the accuracy of such statements or assumptions.



Although all reasonable care has been undertaken to ensure that the facts and opinions given in this Announcement are accurate, the information provided in this Announcement (including information derived from publicly available sources) may not been independently verified.

Table 3. List of Results (>0.5g/t) – RPM

HOLD ID	FROM m	TO_m	SAMP ID	Au g/t
RPM-013	14	17	E397503	0.59
RPM-013	17	20	E397504	0.52
RPM-013	21	23	E397506	0.67
RPM-013	23	26	E397507	0.53
RPM-013	26	29	E397508	0.55
RPM-013	32	35	E397511	0.60
RPM-013	35	38	E397512	1.64
RPM-013	38	41	E397513	0.50
RPM-013	41	45	E397514	0.87
RPM-013	45	48	E397515	0.85
RPM-013	48	51	E397516	0.85
RPM-013	51	54	E397517	1.29
RPM-013	54	57	E397518	0.61
RPM-013	57	60	E397519	0.89
RPM-013	63	66	E397522	0.50
RPM-013	66	69	E397523	0.81
RPM-013	69	72	E397524	0.86
RPM-013	78	81	E397527	0.74
RPM-013	81	84	E397528	1.14
RPM-013	96	99	E397534	1.32
RPM-013	99	102	E397536	0.51
RPM-013	102	105	E397537	0.83
RPM-019	9	11	E397576	1.94
RPM-019	11	14	E397577	0.65
RPM-019	14	17	E397578	0.71
RPM-019	17	20	E397579	0.84
RPM-019	20	23	E397581	0.73
RPM-019	23	27	E397582	0.66
RPM-019	27	30	E397583	2.80
RPM-019	36	39	E397586	1.49
RPM-019	39	42	E397587	1.33
RPM-019	45	48	E397589	0.63
RPM-019	63	66	E397596	0.59
RPM-019	75	78	E397601	1.20
RPM-019	78	81	E397602	0.56
RPM-019	81	84	E397603	0.86
RPM-019	84	87	E397604	0.66
RPM-019	91	94	E397609	0.68



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-019	94	97	E397611	0.51
RPM-019	97	100	E397612	1.09
RPM-019	106	109	E397615	1.68
RPM-019	109	112	E397616	0.88
RPM-019	115	118	E397618	0.59
RPM-019	130	133	E397625	0.55
RPM-019	133	136	E397626	0.60
RPM-019	139	142	E397628	0.58
RPM-019	142	145	E397629	7.17
RPM-019	155	158	E397634	0.54
RPM-019	167	168	E397639	1.57
RPM-019	206	209	E397657	0.58
RPM-019	219	222	E397662	0.58
RPM-019	222	225	E397663	0.56
RPM-019	246	249	E397674	0.67
RPM-019	326	327	E397708	5.88
RPM-019	327	328	E397709	0.59
RPM-023	8	9	E397726	1.21
RPM-023	24	27	E397733	0.85
RPM-023	27	30	E397734	4.10
RPM-023	30	33	E397735	0.56
RPM-023	36	39	E397738	1.83
RPM-023	39	42	E397739	0.67
RPM-023	42	45	E397741	2.78
RPM-023	45	48	E397742	0.70
RPM-023	48	51	E397743	0.66
RPM-023	60	63	E397747	0.53
RPM-023	73	76	E397752	0.82
RPM-023	76	78	E397753	0.59
RPM-023	85	88	E397756	0.60
RPM-023	88	91	E397757	0.68
RPM-023	91	94	E397758	0.70
RPM-023	94	97	E397759	3.06
RPM-023	97	100	E397761	2.60
RPM-023	100	103	E397762	0.74
RPM-023	103	106	E397763	0.86
RPM-023	106	109	E397764	4.11
RPM-023	115	118	E397768	0.70
RPM-023	143	146	E397779	0.55
RPM-023	182	185	E397794	0.52
RPM-023	204	207	E397806	1.00
RPM-023	304	305	E397849	0.64
RPM-026	7	8	E397904	0.87



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-026	11	14	E397907	1.10
RPM-026	17	20	E397909	1.45
RPM-026	20	23	E397911	0.69
RPM-026	27	30	E397913	0.69
RPM-026	30	33	E397914	0.66
RPM-026	39	42	E397917	0.53
RPM-026	42	45	E397918	2.10
RPM-026	48	51	E397921	0.55
RPM-026	63	66	E397926	0.56
RPM-026	66	69	E397927	1.70
RPM-026	69	72	E397928	1.16
RPM-026	72	75	E397929	0.69
RPM-026	100	103	E397941	0.82
RPM-026	103	106	E397942	0.69
RPM-026	112	112	E397945	0.93
RPM-026	127	130	E397952	0.88
RPM-026	139	142	E397956	0.96
RPM-026	142	145	E397957	0.65
RPM-026	145	148	E397958	1.42
RPM-026	152	155	E397962	0.57
RPM-026	155	158	E397963	0.82
RPM-026	200	201	E397982	0.51
RPM-026	213	215	E397987	1.00
RPM-026	215	219	E397988	1.03
RPM-026	219	222	E397989	0.83
RPM-026	228	231	E397993	0.79
RPM-026	234	237	E397995	0.61
RPM-026	252	255	E398003	1.01
RPM-026	255	258	E398004	0.70
RPM-026	258	261	E398005	1.25
RPM-026	261	264	E398006	0.65
RPM-026	264	267	E398007	0.74
RPM-026	267	270	E398008	0.54
RPM-026	270	273	E398009	0.64
RPM-026	273	276	E398011	0.65
RPM-026	276	280	E398012	1.30
RPM-026	283	286	E398014	0.60
RPM-026	289	292	E398017	1.21
RPM-026	301	302	E398023	1.04
RPM-026	377	380	E398058	0.61
RPM-028	8	10	E398069	3.16
RPM-028	10	12	E398071	0.54
RPM-028	15	18	E398073	1.62



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-028	18	21	E398074	1.54
RPM-028	21	24	E398075	0.54
RPM-028	24	27	E398076	0.98
RPM-028	33	36	E398079	0.86
RPM-028	42	45	E398083	0.50
RPM-028	51	54	E398086	0.53
RPM-028	57	60	E398088	1.19
RPM-028	79	82	E398096	0.56
RPM-028	82	85	E398097	0.87
RPM-028	85	88	E398098	0.52
RPM-028	94	97	E398102	0.56
RPM-028	97	100	E398103	0.54
RPM-028	100	103	E398104	0.59
RPM-028	115	118	E398109	0.56
RPM-028	118	121	E398111	0.73
RPM-028	130	133	E398116	0.58
RPM-028	133	136	E398117	1.30
RPM-028	136	139	E398118	0.53
RPM-028	258	262	E398164	0.54
RPM-029	5	8	E398218	0.75
RPM-029	8	11	E398219	2.28
RPM-029	11	14	E398221	0.83
RPM-029	14	17	E398222	0.61
RPM-029	17	20	E398223	1.30
RPM-029	32	35	E398228	0.52
RPM-029	41	45	E398232	0.76
RPM-029	45	48	E398233	1.04
RPM-029	48	51	E398234	0.62
RPM-029	51	54	E398235	0.68
RPM-029	72	75	E398243	0.96
RPM-029	84	87	E398247	0.77
RPM-029	90	93	E398249	0.89
RPM-029	105	109	E398256	0.76
RPM-029	109	112	E398257	0.73
RPM-029	112	115	E398258	0.72
RPM-029	124	127	E398263	0.69
RPM-029	130	133	E398265	0.55
RPM-029	136	139	E398267	0.65
RPM-029	142	145	E398269	1.06
RPM-029	166	169	E398278	0.75
RPM-029	188	191	E398287	0.50
RPM-029	197	200	E398291	9.85
RPM-029	200	203	E398292	0.86



HOLD ID	FROM_m	TO_m	SAMP ID	Au g/t
RPM-029	249	252	E398312	1.30
RPM-030	10	13	E396293	0.51
RPM-030	22	25	E396297	0.55
RPM-030	43	46	E396306	0.74
RPM-030	49	52	E396308	0.83
RPM-030	52	55	E396309	0.59
RPM-030	95	98	E396329	0.59
RPM-030	104	107	E396333	0.63
RPM-030	107	110	E396334	1.12
RPM-030	119	122	E396338	1.26
RPM-030	122	125	E396339	0.88
RPM-030	128	132	E396342	4.83
RPM-030	132	134	E396343	0.70
RPM-030	135	137	E396345	0.61
RPM-030	137	141	E396346	0.72
RPM-030	143	147	E396348	1.44
RPM-030	153	156	E396352	0.68
RPM-030	156	159	E396353	16.70
RPM-030	159	162	E396354	9.85
RPM-030	162	165	E396355	2.43
RPM-030	206	208	E396381	2.78
RPM-030	208	211	E396382	5.28
RPM-030	211	214	E396383	1.76
RPM-030	214	215	E396384	4.08
RPM-030	218	221	E396386	0.61
RPM-030	221	224	E396387	1.25
RPM-030	224	226	E396388	2.61
RPM-030	226	227	E396389	0.52
RPM-030	230	233	E396392	2.22
RPM-030	298	301	E396426	0.55
RPM-032	11	14	E398374	0.92
RPM-032	27	30	E398379	0.61
RPM-032	30	33	E398381	1.59
RPM-032	33	36	E398382	1.18
RPM-032	36	39	E398383	1.24
RPM-032	42	45	E398385	2.32
RPM-032	45	48	E398386	0.51
RPM-032	51	54	E398388	1.83
RPM-032	54	57	E398389	0.69
RPM-032	60	63	E398392	0.83
RPM-032	72	75	E398396	0.70
RPM-032	87	91	E398402	1.57
RPM-032	91	94	E398403	0.67



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-032	94	97	E398404	0.70
RPM-032	97	100	E398406	0.62
RPM-032	100	103	E398407	0.59
RPM-032	115	118	E398413	1.51
RPM-032	124	127	E398416	1.12
RPM-032	142	145	E398423	0.74
RPM-032	164	166	E398431	0.59
RPM-032	203	206	E398446	0.52
RPM-033	41	44	E396467	0.55
RPM-033	50	53	E396471	0.75
RPM-033	56	59	E396473	5.17
RPM-033	59	61	E396474	1.94
RPM-033	61	64	E396475	5.49
RPM-033	64	66	E396476	1.77
RPM-033	66	68	E396477	3.31
RPM-033	68	68	E396478	0.56
RPM-033	68	72	E396479	2.82
RPM-033	72	75	E396481	0.59
RPM-033	75	78	E396482	3.66
RPM-033	78	81	E396483	1.30
RPM-033	81	84	E396484	17.90
RPM-033	84	86	E396485	123.50
RPM-033	86	87	E396488	0.84
RPM-033	87	90	E396489	2.42
RPM-033	90	93	E396491	2.04
RPM-033	93	96	E396492	3.49
RPM-033	96	98	E396493	1.27
RPM-033	98	100	E396494	1.15
RPM-033	100	101	E396496	0.89
RPM-033	101	102	E396497	1.42
RPM-033	102	104	E396498	1.28
RPM-033	104	105	E396499	2.11
RPM-033	105	108	E396501	0.68
RPM-033	108	111	E396502	28.30
RPM-033	111	114	E396503	19.50
RPM-033	114	117	E396504	1.23
RPM-033	117	120	E396505	0.77
RPM-033	120	123	E396506	2.84
RPM-033	123	126	E396507	0.60
RPM-033	126	130	E396508	1.57
RPM-033	130	133	E396509	1.85
RPM-033	133	136	E396511	40.10
RPM-033	139	142	E396513	0.81



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-033	172	175	E396525	0.58
RPM-033	176	178	E396527	0.58
RPM-033	178	181	E396528	1.00
RPM-033	181	184	E396529	0.60
RPM-033	184	187	E396530	0.55
RPM-034	12	15	E398464	1.36
RPM-034	21	24	E398467	0.74
RPM-034	24	27	E398468	1.09
RPM-034	30	33	E398471	0.57
RPM-034	45	48	E398476	1.67
RPM-034	48	51	E398477	0.66
RPM-034	66	69	E398484	0.66
RPM-034	69	73	E398485	0.99
RPM-034	94	97	E398494	0.97
RPM-034	112	115	E398502	1.38
RPM-034	118	121	E398504	0.62
RPM-034	134	137	E398509	0.54
RPM-034	149	152	E398515	0.74
RPM-035	41	45	E396602	0.60
RPM-035	93	96	E396622	1.32
RPM-035	109	112	E396628	0.61
RPM-035	112	115	E396629	5.49
RPM-035	115	118	E396631	4.69
RPM-035	118	121	E396632	15.50
RPM-035	121	124	E396633	2.30
RPM-035	124	127	E396634	5.45
RPM-035	127	130	E396635	2.62
RPM-035	130	133	E396636	0.55
RPM-035	145	148	E396642	0.53
RPM-035	151	154	E396644	1.03
RPM-035	154	157	E396645	0.86
RPM-035	157	160	E396646	5.79
RPM-035	185	188	E396657	0.55
RPM-035	188	189	E396658	1.08
RPM-035	191	194	E396661	6.03
RPM-035	194	197	E396662	0.71
RPM-035	203	204	E396666	0.59
RPM-035	267	270	E396693	0.65
RPM-035	316	318	E396712	0.86
RPM-036	11	14	E396718	0.86
RPM-036	14	17	E396719	0.96
RPM-036	38	41	E396728	0.53
RPM-036	54	57	E396734	1.55



HOLD ID	FROM m	TO m	SAMP ID	Au g/t
RPM-036	66	69	E396738	3.06
RPM-036	81	84	E396744	1.10
RPM-036	118	121	E396758	1.17
RPM-036	124	127	E396761	0.56
RPM-036	130	133	E396763	0.58
RPM-036	133	136	E396764	2.07
RPM-036	136	139	E396767	1.02
RPM-036	139	142	E396768	1.66
RPM-036	145	148	E396771	0.54
RPM-036	148	151	E396772	1.45
RPM-036	151	154	E396773	0.54
RPM-036	166	169	E396778	1.41
RPM-036	169	172	E396779	0.83
RPM-036	172	176	E396781	0.77
RPM-036	180	183	E396784	1.34
RPM-036	183	185	E396785	2.66
RPM-037	41	44	E396878	0.51
RPM-037	53	56	E396883	0.73
RPM-037	59	62	E396885	0.72
RPM-037	81	83	E396893	1.30
RPM-037	83	85	E396894	1.45
RPM-037	85	87	E396895	0.88
RPM-037	87	90	E396896	1.03
RPM-037	93	96	E396898	2.96
RPM-037	96	98	E396899	1.11
RPM-037	98	100	E396901	40.10
RPM-037	100	102	E396902	0.94
RPM-037	102	103	E396903	1.60
RPM-037	103	105	E396904	6.50
RPM-037	105	108	E396906	0.50
RPM-037	111	114	E396908	1.06
RPM-037	117	120	E396911	3.59
RPM-037	126	130	E396916	0.93
RPM-037	133	135	E396918	0.63
RPM-037	325	328	E396993	1.86
RPM-037	334	337	E396996	1.03
RPM-037	337	340	E396997	2.43
RPM-037	340	343	E396998	2.96
RPM-037	343	346	E396999	8.01
RPM-037	346	349	E397000	0.91
RPM-037	352	355	E397002	0.77
RPM-037	374	375	E397011	0.55
RPM-037	375	376	E397012	0.97



HOLD_ID	FROM_m	TO_m	SAMP_ID	Au g/t
RPM-037	383	386	E397015	0.79
RPM-037	387	388	E397017	0.72
RPM-037	407	410	E397026	3.76
RPM-037	410	413	E397027	3.66
RPM-037	419	422	E397031	0.62
RPM-037	471	474	E397049	0.90
RPM-037	480	483	E397053	0.58
RPM-037	501	504	E397061	4.75
RPM-037	504	507	E397062	2.64
RPM-037	507	511	E397063	3.90
RPM-037	511	514	E397064	0.88
RPM-037	514	517	E397066	1.56
RPM-037	517	520	E397067	1.42
RPM-037	520	523	E397068	0.86
RPM-037	526	529	E397071	1.06
RPM-037	529	532	E397072	2.40
RPM-037	535	538	E397074	0.76
RPM-037	538	541	E397075	0.80
RPM-037	565	566	E397085	0.53



Appendix 1: JORC Code, 2012 Edition – Table 1 Estelle Gold Project - Alaska

Section 1 Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling	Nature and quality of sampling (eg cut	Core is systematically logged
techniques	channels, random chips, or specific	from collar to EOH
1	specialised industry standard measurement	characterizing rock type,
	tools appropriate to the minerals under	mineralization, and alteration.
	investigation, such as down hole gamma	Oriented core measurements
	sondes, or handheld XRF instruments, etc.).	of structural features are
	These examples should not be taken as	taken where appropriate.
	limiting the broad meaning of sampling.	Geotechnical measurements
	Include reference to measures taken to	such as recoveries and
	ensure sample representivity and the	RQDs are taken at 10-foot
	appropriate calibration of any measurement	(3.05 m) intervals. Samples
	tools or systems used.	are taken each 10 feet
	Aspects of the determination of	(3.05m) unless there is a
	mineralisation that are Material to the Public	change in lithology, whereby
	Report.	<3.05m selective samples
	In cases where 'industry standard' work has	may be taken. In these cases
	been done this would be relatively simple (e.g.	samples are broken to
	'reverse circulation drilling was used to obtain	lithologic boundaries.
	1 m samples from which 3 kg was pulverised	Samples are then half cut
	to produce a 30 g charge for fire assay'). In	with one of the half cuts
	other cases more explanation may be	being sent to the ALS lab in
	required, such as where there is coarse Au	Fairbanks Alaska for
	that has inherent sampling problems. Unusual	processing. The remaining
	commodities or mineralisation types (e.g.	half core is returned to the
	submarine nodules) may warrant disclosure of	box and safely stored as
	detailed information.	reference material.
Drilling	Drill type (e.g. core, reverse circulation,	HQ diamond core triple tube,
techniques	open-hole hammer, rotary air blast, auger,	down hole surveys every 150
	Bangka, sonic, etc.) and details (e.g. core	feet (~50m), using a Reflex
	diameter, triple or standard tube, depth of	ACT-III tool.
	diamond tails, face-sampling bit or other type,	
	whether core is oriented and if so, by what	
	method, etc.).	
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Critorio	IOPC Code Explanation	Commentant
Criteria	JORC Code Explanation	Commentary
Drill sample	 Method of recording and assessing core and 	Core is processed at the on-
recovery	chip	site certified crush/split prep-
	sample recoveries and results assessed.	lab with ~250g sample being
	Measures taken to maximise sample	sent of site to the ALS
	recovery and	analytical lab in Reno Nevada.
	ensure representative nature of the samples.	Recoveries were recorded for
	Whether a relationship exists between	all holes, into a logging
	sample	database to 3cm on a laptop
	recovery and grade and whether sample bias	computer by a qualified
	may have occurred due to preferential	geologist using the drillers
	loss/gain of fine/coarse material	recorded depth against the
		length of core recovered. No
		significant core loss was
		observed.
		Triple tube HQ to maximise
		core recovery and enable
		orientation of core.
		No known relationship
		between sample recovery and
		grade. As no samples have
		been taken as yet, no assay
		results are reported, visual
		results only.



Criteria	JORC Code Explanation	Commentary
Logging	Whether core and chip samples have been	Core logging is carried out by
	geologically and geotechnically logged to a	qualified geologists using a
	level of detail to support appropriate Mineral	project specific logging
	Resource estimation, mining studies and	procedure. Data recorded
	metallurgical studies.	includes, but is not limited to,
	Whether logging is qualitative or quantitative	lithology, structure, RQD,
	in nature. Core (or costean, channel, etc.)	recovery, alteration, sulphide
	photography.	mineralogy and presence of
	The total length and percentage of the	visible gold. This is supervised
	relevant intersections logged.	by senior geologists familiar
		with the mineralisation style
		and nature. Inspection of the
		drill core by the site Chief
		Geologist is monitored
		remotely using photographs
		and logs. Rock codes have
		been set up specifically for the
		project. Logging is to a
		sufficient level of detail to
		support appropriate Mineral
		Resource estimation and
		mining studies.
		Drill logging is both
		qualitative by geological
		features and quantitative by
		geotechnical parameters in
		nature. Photographs are taken
		of all cores trays, (wet) of
		whole core prior to cutting.
Sub-	If core, whether cut or sawn and whether	- Samples are taken each 10
sampling	quarter, half	• Samples are taken each 10 feet (3.05m) unless there is a
techniques	or all core taken.	change in lithology. In these
and sample	• If non-core, whether riffled, tube sampled,	cases samples are broken to
preparation	rotary split,	lithologic boundaries. Samples
ргерагацоп	etc. and whether sampled wet or dry.	are then half cut with one of
	For all sample types, the nature, quality and	the half cuts being sent to the
	appropriateness of the sample preparation	ALS lab in Fairbanks Alaska for
	technique.	processing. Three different
	Quality control procedures adopted for all	types of SRM are inserted
	sub-	each 20 samples. Duplicates of
	sampling stages to maximise representivity of	the reject are taken each 20
	samples.	samples. One blank is inserted
	Measures taken to ensure that the sampling	each 40 samples. Data is
	is	plotted and evaluated to see if
	representative of the in situ material collected,	the samples plot within
	including for instance results for field	accepted tolerance. If any "out
	duplicate/second-half sampling.	of control" samples are note,
	Whether sample sizes are appropriate to the	the laboratory is notified.
	grain size of the material being sampled.	



Criteria	JORC Code Explanation	Commentary
Quality of	The nature, quality and appropriateness of	Samples are tested for gold
assay data	the assaying and laboratory procedures used	using ALS Fire Assay Au-
and	and whether the technique is considered	ICP21 technique. This
laboratory	partial or total.	technique has a lower
tests	For geophysical tools, spectrometers,	detection limit of 0.001 g/t with
	handheld XRF instruments, etc., the	an upper detection limit of 10
	parameters used in determining the analysis	g/t. If samples have grades in
	including instrument make and model, reading	excess of 10 g/t then Au-AA25
	times, calibrations factors applied and their	is used to determine the over
	derivation, etc.	detect limit. Au-AA25 has a
	Nature of quality control procedures adopted	detection limit of 0.01 g/t and
	(eg standards, blanks, duplicates, external	an upper limit of 100 g/t. Three
	laboratory checks) and whether acceptable	different types of SRM are
	levels of accuracy (ie lack of bias) and	inserted each 20 samples.
	precision have been established.	Duplicates of the reject are
		taken each 20 samples. One blank is inserted each 40
		samples. Data is plotted and
		evaluated to see if the samples
		plot within accepted tolerance.
		If any "out of control" samples
		are note, the laboratory is
		notified.
Verification	•The verification of significant intersections by	Assay data intercepts are
of sampling	either independent or alternative company	compiled and calculated by the
and assaying	personnel.	CP and then verified by
	•The use of twinned holes. Documentation of	corporate management prior
	primary data, data entry procedures, data	to the release to the public.
	verification, data storage (physical and	
	electronic) protocols.	
	Discuss any adjustment to assay data.	
Location of	Accuracy and quality of surveys used to	All maps and locations are in
data points	locate drill holes (collar and down-hole	UTM grid (NAD83 Z5N) and
	surveys), trenches, mine workings and other	have been measured by a
	locations used in Mineral Resource estimation.	digital Trimble GNSS system
	Specification of the grid system used.	with a lateral accuracy of
	Quality and adequacy of topographic control.	<30cm and a vertical accuracy
		of <50cm.
Data spacing	Data spacing for reporting of Exploration	Drill holes have been spaced
and	Results.	in a radial pattern such that all
distribution	Whether the data spacing and distribution is	dimensions of the resource
	sufficient to establish the degree of geological	model is tested. Future geo-
	and grade continuity appropriate for the	stats will be run on the data to
	Mineral Resource and Ore Reserve estimation	determine if addition infill
	procedure(s) and classifications applied.	drilling will be required to
	Whether sample compositing has been	confirm continuity.
	applied.	



Criteria	JORC Code Explanation	Commentary
		-
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 relationship between the drilling orientation and the orientation of key mineralised structures is confirmed by drill hole data driven ongoing detailed structural analysis by OTS structural consultants.
Sample security	The measures taken to ensure sample security	 A secure chain of custody protocol has been established with the site geologist locking samples in secure shipping container at site until loaded on to aircraft and shipped to the secure restricted access area for processing by Nova Minerals staff geologists. Secure shipping container at site until loaded and shipped to the secure restricted access room at TOMRA who forwarded to bureau veritas Metallurgical facility Adelaide.
Audits or Reviews	The results of any audits or reviews of sampling techniques and data.	Detailed QA/QC analysis is undertaken on an ongoing basic by Qualitica Consulting.



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.	The Estelle project is comprised of 450km2 State of Alaska mining claims The mining claims are wholly owned by AKCM (AUST) Pty Ltd. (an incorporated Joint venture (JV Company between Nova Minerals Ltd and AK Minerals Pty Ltd) via 100% ownership of Alaskan incorporate company AK Custom Mining LLC. AKCM (AUST) Pty Ltd is owned 85% by Nova Minerals Ltd, 15% by AK Minerals Pty Ltd holds a 2% NSR (ASX Announcement: 20 November 2017) Nova owns 85% of the project through the joint venture agreement. The Company is not aware of any other impediments that would prevent an exploration or mining activity.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Geophysical, Soil testing, and drilling was completed by previous operators in the past. Nova Minerals has no access to this data.
Geology	Deposit type, geological setting and style of mineralisation.	Nova Mineral is primarily exploring for Intrusion Related Gold System (IRGS) type deposit within the Estelle Gold Project



Criteria	JORC Code Explanation	Commentary
Drill hole	A summary of all information material to the	• See <i>Table 3</i> summary table
Information	understanding of the exploration results	of drill hole 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	
D (case.	NAC 141
Data	In reporting Exploration Results, weighting	Widths are report as core
aggregation	averaging techniques, maximum and/or	length. Future true widths will
methods	minimum grade truncations (eg cutting of high	be calculated by measuring
	grades) and cut-off grades are usually Material and should be stated.	the distance perpendicular to
	Where aggregate intercepts incorporate	the dip of the mineralized zone
	short lengths of high grade results and longer	on any given cross section that the intercept appears on.
	lengths of low grade results, the procedure	Two holes per section are
	used for such aggregation should be stated	required to calculate true
	and some typical examples of such	thickness. No "Top Cap" has
	aggregations should be shown in detail.	been applied to calculation of
	The assumptions used for any reporting of	any intercepts. A "Top Cap"
	metal equivalent values should be clearly	analysis will be completed
	stated.	during a future Resources
		Study and applied if
		applicable. Widths of
		intersection are calculated by
		applying a weighted average
		(Sum [G x W] / Sum [W]) to the
		gold values and reported
		widths within any given
		intercepts. The CP will visually
		select the intercept according
		to natural grouping of higher-
		grade assays. Zones of
		internal dilution my vary
		depending on the CP
		discretion as to what is
		geologically significant. Sub
		intersection of higher grades
		within any given intercepts
		may be broken out if present.

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Criteria	JORC Code Explanation	Commentary
		 Core holes used an overall average grade cut-off of 0.1g/t and a maximum of 9 meters of internal dilution. Significant intercepts reported at 0.3g/t cutoff grade with a maximum of 6m of internal dilution. Gram meters is calculated as g/t x m
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'). 	• See above
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.	 Plan view Map in Figure 2 shows the hole traces of the PAD1 drilling. Holes completed and / or in progress are also marked. Cross Section in Figure 1 showing trace of Hole outlined in this announcement Figure 2 Regional Map of the RPM Gold Project
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.	Does not apply. All Nova results have been disclosed to the ASX via news releases.
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.	No other substantive exploration data has been collected



Criteria	JORC Code Explanation	Commentary
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. 	Diamond drilling is ongoing. Project planned is for up to 30,000 metres in 2022 and ongoing into 2023