

QUARTERLY ACTIVITIES REPORT

FOR PERIOD ENDED 30 SEPTEMBER 2021

HIGHLIGHTS:

- RC drilling program for 2021 commenced at Big Springs encompassing approximately 5,100 metres across high-priority near mine extensional and district targets. This drilling program is a combination of following up of outstanding drill results from 2020 drilling program and exploring new targets identified.
- Biology and cultural surveys completed at Big Springs as part of the process to apply for the expanded Plan of Operation (POO), and the reports aim to be submitted by end of 2021 calendar year.
- Approximately 5,500 samples collected across three key areas: Mac Ridge North, Jacks Find and Golden Dome South. Surface geology mapping also now completed at Crusher Zone and Beadles Creek with encouraging indicators of gold mineralisation observed.
- 240 new mining claims pegged bringing total prospecting land package at Big Springs Gold Project to 81 km². Four new areas secured, including the zone between Dorsey Creek and Jack's Creek along the mineralisation controlling Schoonover fault, east of Mac Ridge North and Golden Dome South prospects, and east of Dorsey Creek toward Golden Dome North.
- Dr. Amanda Buckingham was appointed as the non-executive director, and John Davis will resign from the board at the conclusion of the 2021 AGM.
- Cash of A\$6.26 million and zero debt (excluding usual creditor balances) at 30 September 2021.

Anova Metals Limited (ASX: AWW) (**Anova** or the **Company**) provides its quarterly activities report for the quarter ended 30 September 2021.

Commenting on the activities of the quarter, Anova Managing Director, Mingyan Wang, said:

“RC drilling program has commenced at Big Springs Gold Project to test the existing gold mineralisation extension from 2020 drilling program discovery and explore new targets identified from the Comprehensive Targeting Study. Four new targets within the mining permitted area will be tested. The Company has progressed well on other jobs during the quarter as well, such as approximately 5,500 soil samples submitted to the lab, another 240 mining claims covering wide prospecting area been secured, and biology and cultural surveys completed. The Company will keep shareholders updated with the progress of multi-parallel running activities.”

Big Springs Gold Project, Nevada, USA

Commencement of Drilling Program

The Big Springs RC drilling program in 2021 has commenced (Figure 1, refer AWW announcement dated 22 October 2021), with a planned total of 5,100 metres. This program is a combination of testing of four new district-level targets identified from the comprehensive targeting study undertaken across Big Springs earlier this year (Figure 2, refer AWW announcement dated 27 May 2021) and resource extensional drilling.

Two of the district targets to be tested in the current program are along the Beadles Creek Fault connecting the Beadles Creek and South Sammy deposits. Six drill sections spaced approximately 100 metres apart have been designed to test these targets. Historical drilling returned encouraging results such as 19.8m @ 3.1g/t Au and 10.7m @ 3.4g/t Au (see Figure 3). The 2021 drilling program will be the first to test this area in the last 20 years and is targeting a 'repeat' of the high-grade mineralisation identified at Beadles Creek.

The third district-level target to be tested lies between the Crusher Zone and Briens Fault Zone (see Figure 4). Mapping conducted in 2021 identified gold mineralisation related alteration such as jarosite alteration and FeOx alteration. Gravity data processing indicates a significant structural intersection in the vicinity of the favourable gold host-rock, Unit D, located south of the Crusher Zone. In a similar geological setting, the Crusher Zone deposit is characterised by drill-intervals of 12.19m @ 17.87g/t Au and 10.67m @ 11.93g/t Au. This target has not been previously tested by drilling.

Outstanding results received during the 2020 drilling program at South Sammy and North Sammy included 5.49m @ 15.23g/t at the North Shoot and 10.85m @ 3.96g/t at the 401 deposit (see AWW announcement dated 18 January 2021 and 25 January 2021). The 2021 program is set to test the high grade gold mineralisation at both the new footwall lode discovery at the North Shoot and further depth extension of the 401 deposit.

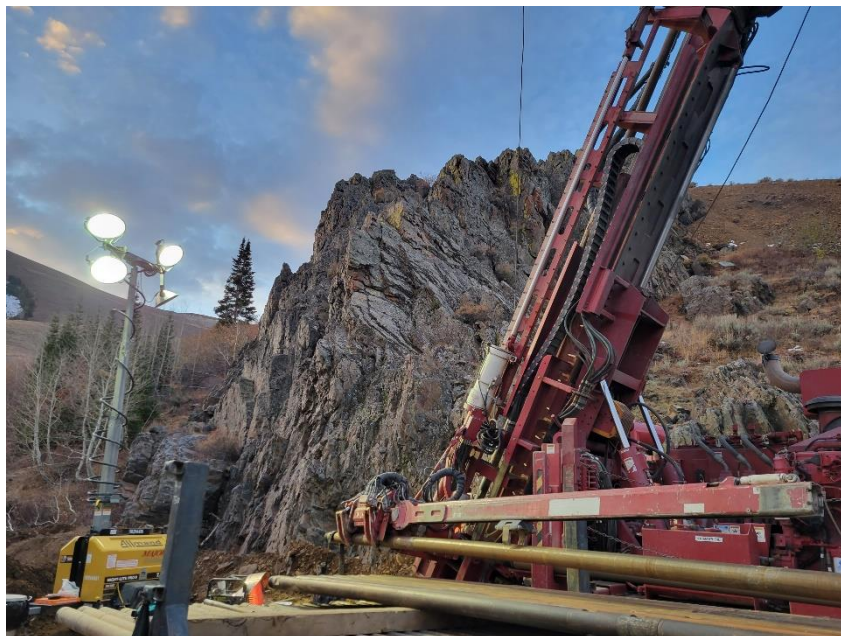


Figure 1: Commencement of RC drilling at Big Springs

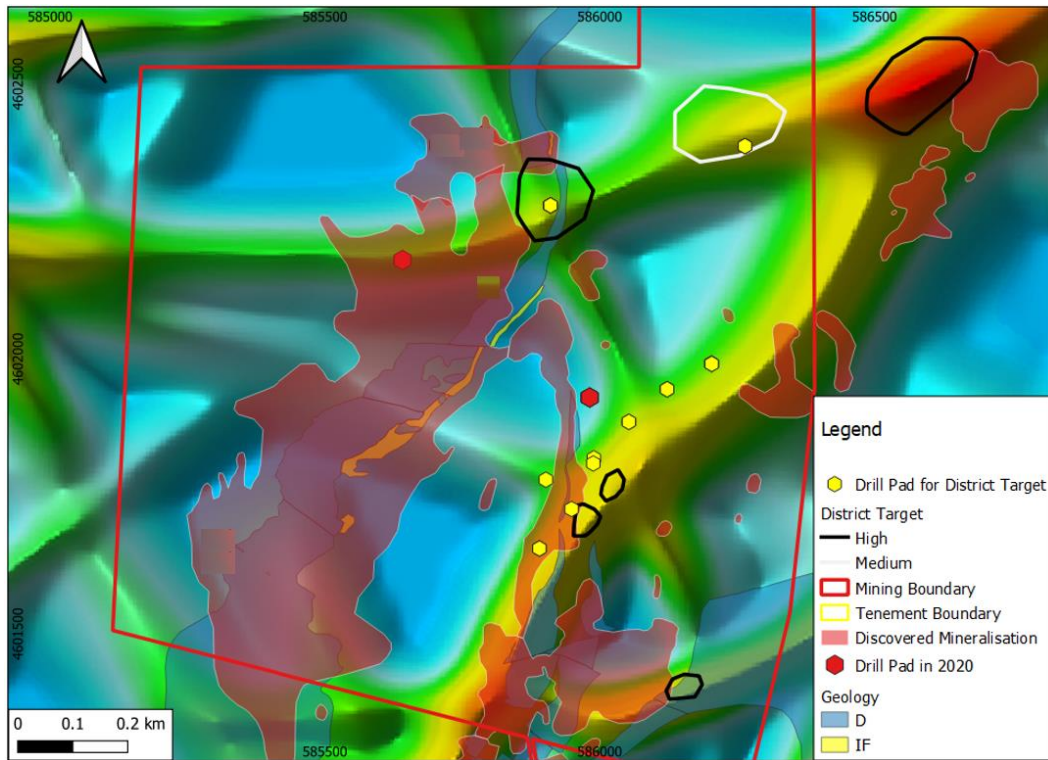


Figure 2: Plan view of drilling program design in 2021

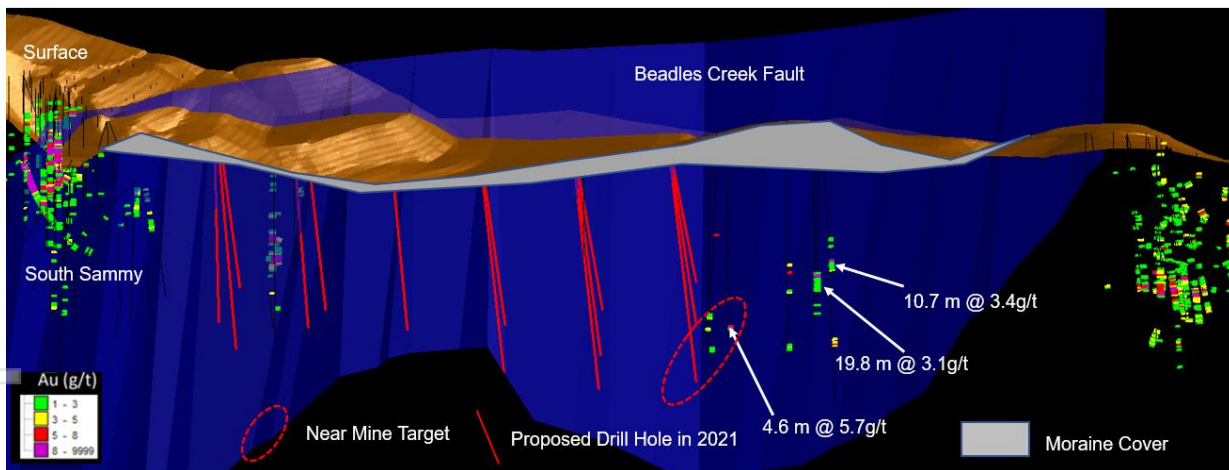


Figure 3: Proposed drilling program in 2021 to test advanced targets between Beadles Creek and South Sammy

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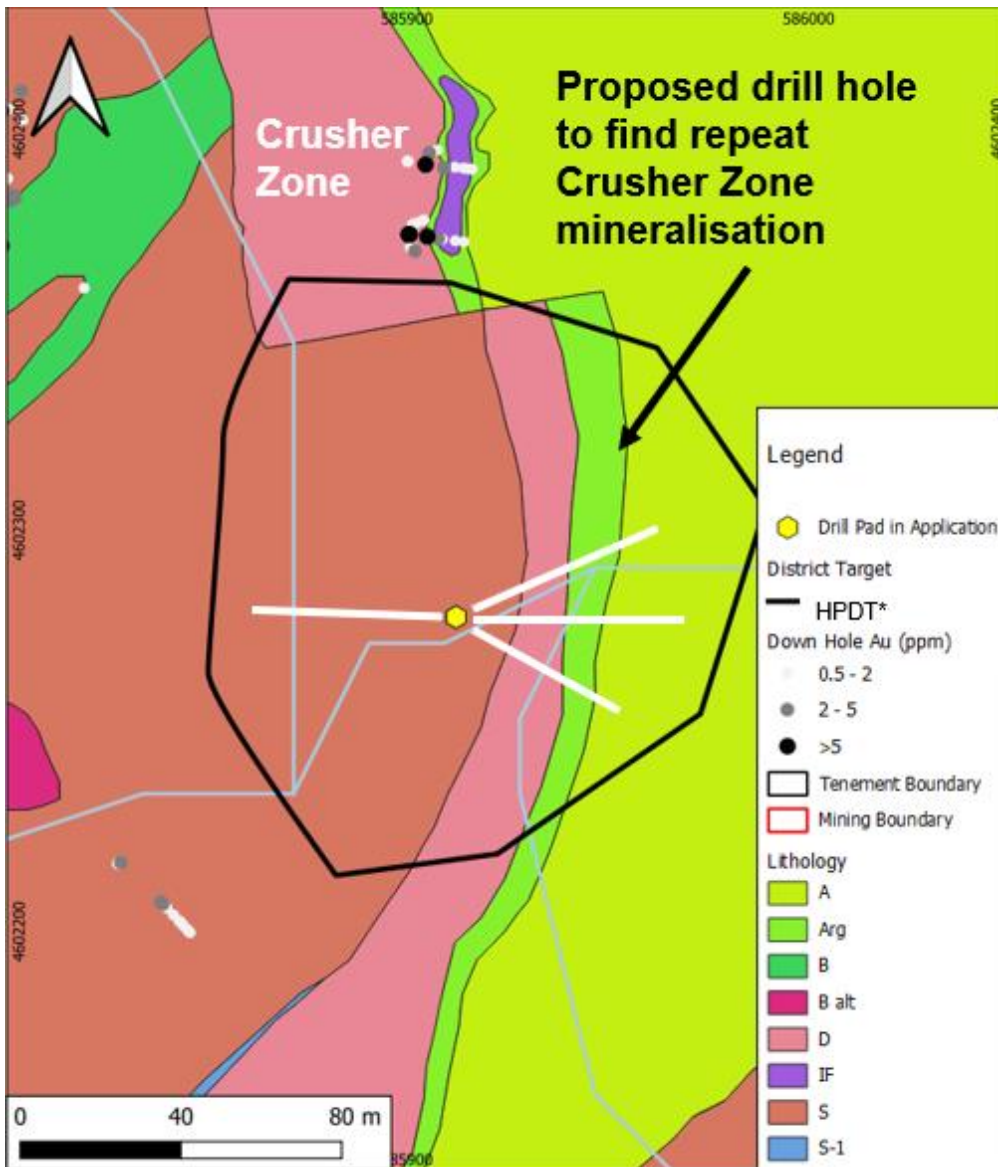


Figure 4: Proposed drilling program in 2021 to test advanced targets between Briens Fault Zone and Crusher Zone

Expanded Plan of Operation Application

Biology and cultural surveys have completed at Big Springs as part of the process to apply for a long-term expanded POO, and are in the report drafting stages aiming to submit before end of 2021 calendar year. With the approval of expanded POO at Big Springs, the Company will be fully permitted to conduct extensive exploration on 19 high priority district targets according to the comprehensive targeting study (See Figure 5).

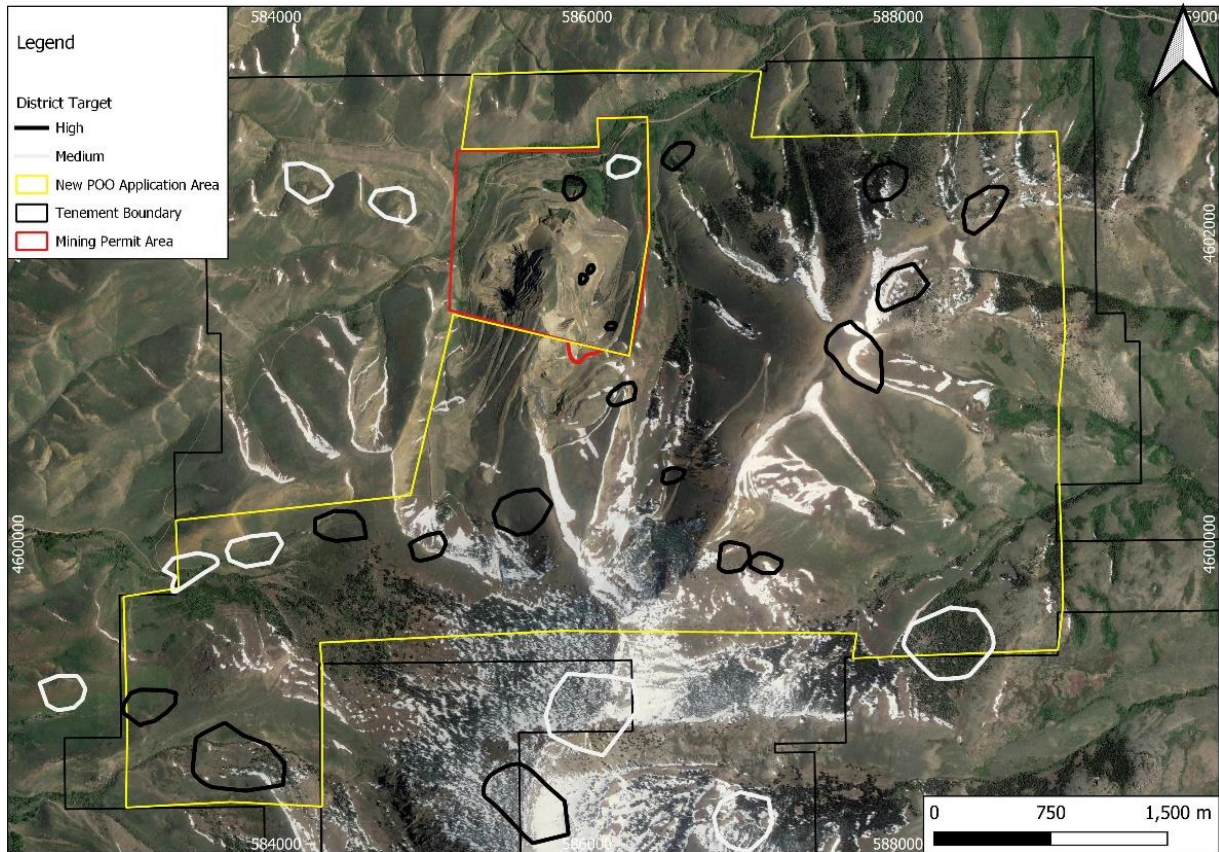


Figure 5: Expanded POO Application with an area of >3600ha covering the high priority targets

Soil Sampling and Surface Mapping

Approximately 5,500 samples were collected over an area of approximately 17 km², including new claims secured recently (refer AWW announcement dated 16 August 2021). These have now been dispatched for laboratory analysis on gold and multi-element content levels.

Three key areas were explored across this soil sampling program – Mac Ridge North, Jacks Creek and Golden Dome South. Approximately 2,151 samples were collected from Mac Ridge North, 1,892 from Jacks Creek and 1,457 from Golden Dome South. Four highly ranked targets identified from the comprehensive Big Springs targeting study (refer AWW announcement dated 27 May 2021) were covered by the soil sampling at Mac Ridge North (Figure 6). Five regional targets were covered by the sampling across Jacks Creek and Golden Dome South. The soil sampling programs were also designed to extend and refine the current anomalism identified from historical soil and rock chip sampling programs (AWV announcements dated 16 August 2021 and 27 May 2021).

Surface geology mapping has also been completed at Crusher Zone and Beadles Creek North. Signals of Carlin gold mineralisation, such as silicification argillic alteration vuggy structures and FeOx alteration, were observed and mapped (Figure 7). Mineralisation at Beadles Creek has been extended further north via the mapping observations, which is consistent with historical soil sampling gold anomalies.

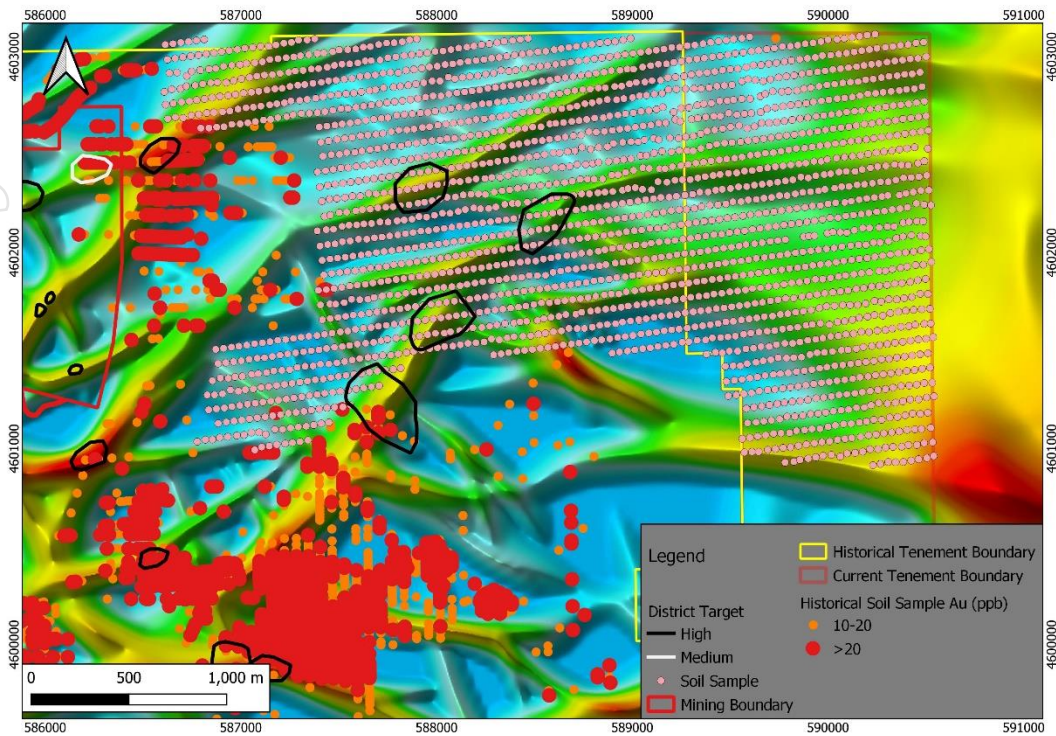


Figure 6: Soil samples at Mac Ridge North



Figure 7: Surface Geology Mapping: Crusher Zone South – Strong FeOx alteration with jarosite and silicification developed along fault

New Mining Claims Pegging

The Company has pegged and secured another 240 mining claims surrounding the existing land package. This brings the total prospecting land package held by Anova at Big Springs to 81 km² (see Figure 8).

The new claims comprise four areas:

1. The largest area is the connecting zone between Dorsey Creek and Jack's Creek along the interpreted Schoonover fault zone, which controls gold mineralisation at North Sammy.

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2. The zones east from the Mac Ridge North prospect.
3. Area toward east of Golden Dome South prospect. Golden Dome South prospect is adjacent to the Jerritt Canyon gold project, which has contentiously produced ~10 Moz of gold since 1980s. Golden Dome mineralisation has been approved by historical drilling programs (see AWW release dated 27 May 2021).
4. The zone east of Dorsey Creek toward Golden Dome North, which was along the E-W direction fault and covers part of district target in high priority.

Historical soil samples and rock chip samples have picked up strong Au anomalies west of Dorsey Creek and south of Jack's Creek, which are consistent with district targets and structure intersections interpreted from the gravity survey. Silicification alteration is identified from field mapping within the new claims west of Dorsey Creek, which is consistent with the soil abnormalities along the E-W.

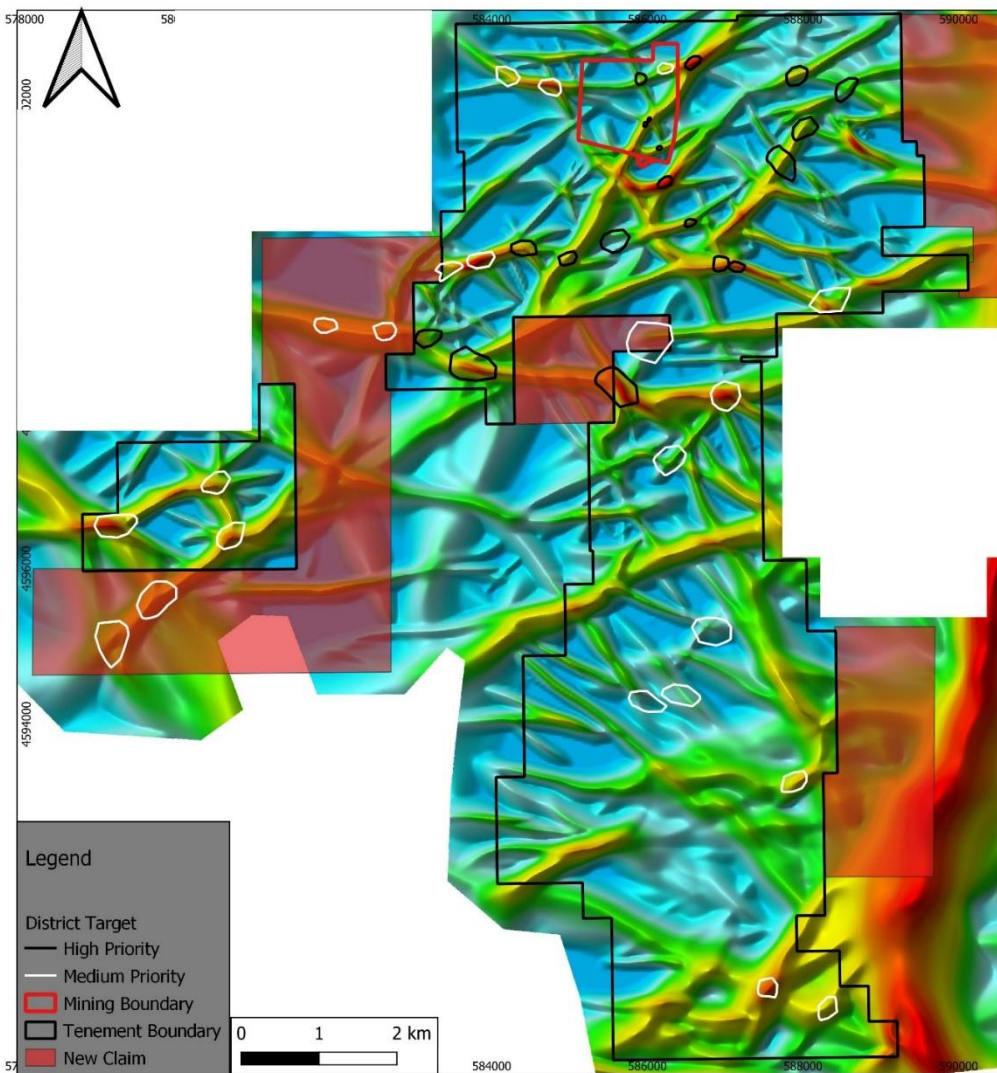


Figure 8: New Mining Claims pegged at Big Springs with layers of district targets identified.

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Corporate

Board Change

Dr. Amanda Buckingham was appointed as a non-executive director (refer AWW announcement dated 13 October 2021). Dr. Amanda Buckingham has been involved full time in mineral exploration for more than 25 years. Dr. Buckingham founded Fathom Geophysics in 2007, an industry leading geophysical group that has developed worlds best technology for targeting under cover and significantly increasing the chances of discovery. Dr. Buckingham was one of the founders of Cygnus Gold Ltd and Desert Metals Ltd.

Mr John Davis has advised the Board that he will resign as a non-executive Director of Anova with effect from the conclusion of Anova's Annual General Meeting on 18 November 2021.

Strong Financial Position

At 30 September 2021, Anova held cash of A\$6.26M and zero debt (excluding usual creditor balances).

ASX Additional Information

ASX Listing Rule 5.3.1: Exploration and Evaluation Expenditure during the Quarter was A\$990,000, associated with tenement compliance costs, field mapping, geochemical surveys and drill targeting. Details of the exploration activity during the Quarter are set out in this report.

ASX Listing Rule 5.3.2: There were no substantive mining production and development activities during the Quarter.

ASX Listing Rule 5.3.5: Payments to related parties of the Company and their associates during the Quarter totalled A\$105,000. The Company advises that this relates to non-executive director's fees and executive directors' salaries (A\$90,000), and corporate advisory fees (A\$15,000).

ASX Listing Rule 5.3.3: Anova Metals Limited (ASX: AWW) reports as follows in relation to mining tenements held at the end of the 30 September 2021 quarter and acquired or disposed of during the quarter and their locations.

Mining Tenements Held by Anova Metals Limited as at 30 September 2021:

Big Springs Project - Nevada, USA		
Tenement reference	Location	Percentage Held
NDEEP-31, NDEEP-32	Big Springs	100%
TT-108 to TT-157, TT-163, TT-164, TT-185, TT-187, TT-189 to TT-204, TT-220 to TT-267, TT-327 to TT-344	Big Springs	100%
AM1 to AM-8	Big Springs	100%
NDEEP-18, NDEEP-19, NDEEP-35, NDEEP-36, NDEEP-52, NDEEP-53	Dorsey Creek	100%
TT-158 to TT-162, TT-169 to TT-184, TT-186, TT-188, TT-275 to TT-277, TT-290, TT-291, TT-297 to TT-301, TT-305 to TT-311	Dorsey Creek	100%
DOME-1 to DOME-51	Golden Dome	100%
GD-52 to GD-61, GD-63, GD-67 to GD-76, GD-79 to GD-87, GD89 to GD-90, GD-92 to GD-136, GD-139 to GD-154, GD-157, GD-164 to GD-173, GD-176, GD-181, GD-182, GD-185, GD-186, GD-189, GD-190, GD-193, GD-194, GD-197 to GD-199, GD-201, GD-203, GD-205, GD-207, GD-209, GD-211, GD-213, GD-215, GD-217, GD-219, GD-221, GD-223, GD-225, GD-265 to GD-286, GD-297 to GD-318, GD-381 to GD-428	Golden Dome	100%
MP-14, MP-16, MP-18, MP-41, MP-43, MP-45, MP-47, MP-49 to MP-54	Golden Dome	100%
NDEEP-1 to NDEEP-16, NDEEP-44 to NDEEP-53, NDEEP-61 to NDEEP-90	Golden Dome	100%
JAK-14, JAK-16, JAK-18, JAK-20 to JAK-38, JAK-99 to JAK-116, JAK-170, JAK-172, JAK-174, JAK-176, JAK-178 to JAK-186	Jack Creek	100%
BS-500 to BS-550, BS-557 to BS-579	Mac Ridge	100%
MR-500 to MR-524, MR-526, MR-528, MR-530 to MR-537	Mac Ridge	100%
NDEEP-33, NDEEP-34	Mac Ridge	100%
TT-205 to TT-219	Mac Ridge	100%

BSX-1 to BSX-46, BSX-48 to BSX-60, BSX-63 to BSX-67, BSX-70 to BSX-98, BSX-109 to BSX-123, BSX-134 to BSX-148	Jacks Creek	100%
BSX-159 to BSX-174, BSX-178 to BSX-179	Golden Dome North	100%
BSX-186 to BSX-230	Mac Ridge North	100%
BSX-231 to BSX-284	Golden Dome South	100%

Mining Tenements Acquired during 1 July 2021 – 30 September 2021:

BSX-1 to BSX-46, BSX-48 to BSX-60, BSX-63 to BSX-67, BSX-70 to BSX-98, BSX-109 to BSX-123, BSX-134 to BSX-148	Jacks Creek	100%
BSX-159 to BSX-174, BSX-178 to BSX-179	Golden Dome North	100%
BSX-186 to BSX-230	Mac Ridge North	100%
BSX-231 to BSX-284	Golden Dome South	100%

Mining Tenements Disposed during 1 July 2021 – 30 September 2021:

None

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This announcement has been authorised for release by: Mingyan Wang, Managing Director

CONTACT:

Investors

+61 8 9481 0389
info@anovametals.com.au

Media

Michael Vaughan (Fivemark Partners)
 +61 422 602 720

About the Big Springs Gold Project

The Big Springs Gold Project is a Carlin-style gold deposit located 80 km north of Elko in northeast Nevada, USA. Big Springs produced 386,000 ounces of gold between 1987 and 1993, ceasing production due to low gold prices. It is located in proximity to multiple +10 Moz resource Carlin-style gold projects within the region, including the producing Jerritt Canyon Gold Mine which is 20km south of Big Springs (see Figure 8). Big Springs has Measured, Indicated and Inferred Mineral Resources of 16 Mt at 2.0 g/t Au for 1.03 Moz (refer Table 3 and Anova ASX release dated 26 June 2014), over 50 km² of highly prospective ground. The high-grade portion of the Mineral Resources, reported at a cut-off grade of 2.5 g/t gold, contains 3.1 Mt at 4.2 g/t for 415 koz. Big Springs is fully permitted for Stage 1 mining operations.

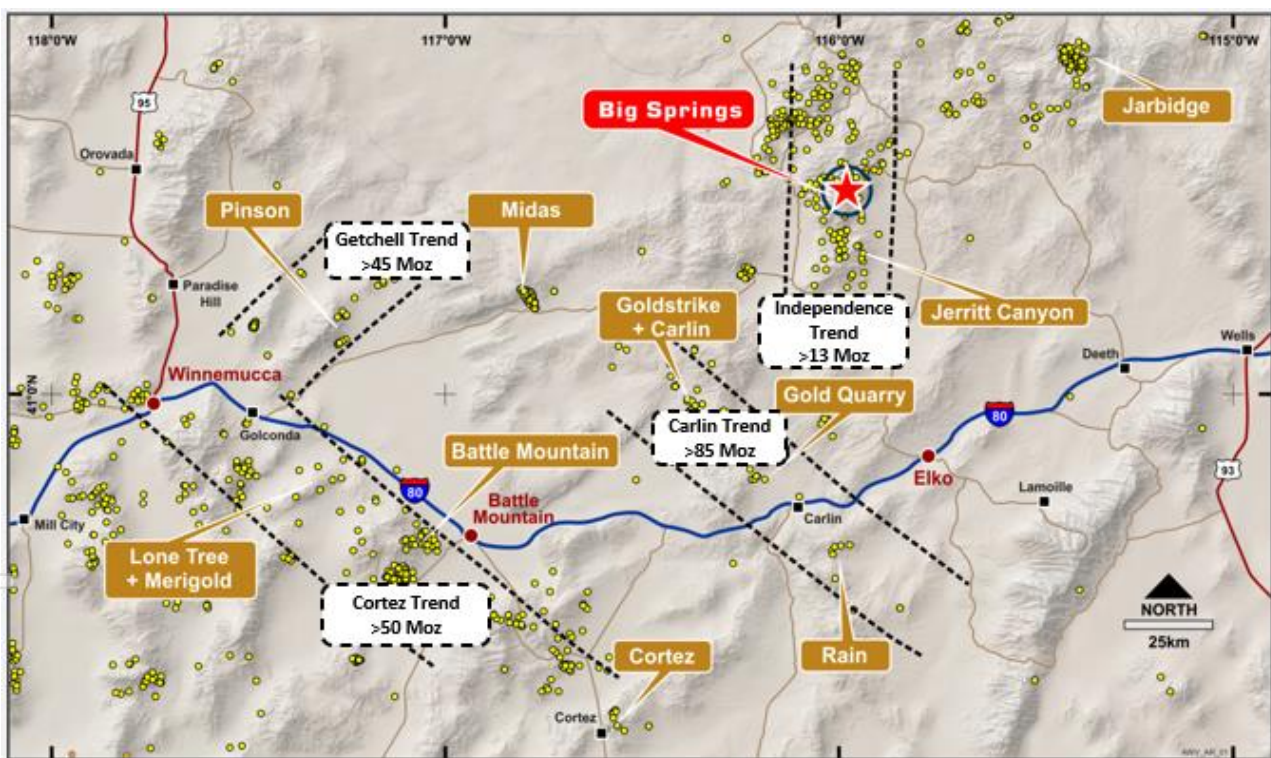


Figure 8: Location of Big Springs Project, Nevada USA

Table 3: Mineral Resources

Project	Measured			Indicated			Inferred			Combined		
	kT	Grade	Koz	kT	Grade	Koz	kT	Grade	Koz	kT	Grade	Koz
Big Springs (JORC 2012)												
North Sammy	346	7.0	77.9	615	3.1	62.2	498	2.8	44.1	1,458	3.9	184.1
North Sammy Contact				443	2.3	32.4	864	1.4	39.3	1,307	1.7	71.8
South Sammy	295	4.0	38.2	3,586	2.1	239.9	3,721	1.3	159	7,602	1.8	437.2
Beadles Creek				119	2.2	8.2	2,583	2.3	193.5	2,702	2.3	201.7
Mac Ridge							1,887	1.3	81.1	1,887	1.3	81.1
Dorsey Creek							278	1.4	12.9	278	1.4	12.9
Briens Fault							799	1.6	40.5	799	1.6	40.5
Big Springs Sub-Total	641	5.6	116.1	4,762	2.2	343.3	10,630	1.7	570.4	16,032	2.0	1,029.9

Note: Appropriate rounding applied

The information in this announcement that relates to the mineral resources for the Company's Big Springs Project was first reported by the Company in its resource announcement ("Resource Announcement") dated 26 June 2014. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Resource Announcement, and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Resource Announcement continue to apply and have not materially changed.

Competent Person Statement

The information in this report that relates to Exploration Result for the Big Springs Project is based on information compiled by Dr. Geoffrey Xue. Dr. Xue is a full time employee of Anova and a member of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr. Xue consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.

The information in this report that relates to Mineral Resources for the Big Springs Project is based on information compiled by Mr Lauritz Barnes, Principal Consultant Geologist – Trepanier Pty Ltd. Mr Barnes is a shareholder of Anova. Mr Barnes is a member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Barnes consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Anova Metals Limited

ABN

20 147 678 779

Quarter ended ("current quarter")

30 September 2021

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation	(990)	(990)
(b) development		
(c) production		
(d) staff costs		
(e) administration and corporate costs	(147)	(147)
1.3 Dividends received (see note 3)		
1.4 Interest received		
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)		
1.9 Net cash from / (used in) operating activities	(1,137)	(1,137)

2. Cash flows from investing activities

- 2.1 Payments to acquire or for:
- (a) entities
 - (b) tenements
 - (c) property, plant and equipment
 - (d) exploration & evaluation
 - (e) investments
 - (f) other non-current assets

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	Net cash from / (used in) investing activities	-	-
3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)		
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities		
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	-	-
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	7,398	7,398
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,137)	(1,137)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	6,261	6,261

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	6,261	7,398
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	6,261	7,398

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	105
6.2	Aggregate amount of payments to related parties and their associates included in item 2	

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities		
7.2	Credit standby arrangements		
7.3	Other (please specify)		
7.4	Total financing facilities		
7.5	Unused financing facilities available at quarter end		
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(1,137)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(1,137)
8.4 Cash and cash equivalents at quarter end (item 4.6)	6,261
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	6,261
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	5.51
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: N/A	
8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: N/A	
8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer: N/A	
<i>Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.</i>	

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: **29 October 2021**

Authorised by: **By the Board**
(Name of body or officer authorising release – see note 4)

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Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.