

## More Massive Nickel Sulfide at Ban Chang

### 5.35m of massive nickel sulfide within a broader 11.4m intersection at Ban Chang as infill drilling approaches its completion

Blackstone Minerals Limited (“Blackstone” or the “Company”) is pleased to provide an update on infill drilling at Ban Chang, the most advanced massive sulfide vein (MSV) target at the Ta Khoa Nickel - Copper- PGE Project in Northern Vietnam (refer Table 3, Table 4 & Appendix 1). Highlights include 5.35m of massive sulfide nickel intersected in drill hole BC21-66 (refer Image 1, Table 1 & Figure 6).



Image 1. 11.4m sulfide mineralisation zone including 5.35 MSV (BC21-66)

Several assays have also been received from the final infill drill program as highlighted throughout this report (refer Figures 2,3, 4 & 5). Significant intercepts include:

BC21-18	3.8m @ 1.13% Ni, 0.59% Cu, 0.06% Co & 0.52g/t PGE <sup>1</sup> from 92.5m
<b>Incl.</b>	<b>1.6m @ 2.49% Ni, 0.65% Cu, 0.14% Co &amp; 1.01g/t PGE<sup>1</sup> from 93m</b>
BC21-23	1.83m @ 1.57% Ni, 0.32% Cu, 0.09% Co & 0.96g/t PGE <sup>1</sup> from 82.39m
<b>Incl.</b>	<b>1.27m @ 2.01% Ni, 0.42% Cu, 0.12% Co &amp; 1.13g/t PGE<sup>1</sup> from 82.39m</b>
BC21-24	<b>1.52m @ 1.95% Ni, 0.42% Cu, 0.1% Co &amp; 0.78g/t PGE<sup>1</sup> from 51.02m</b>
BC21-34	13.85m @ 0.51% Ni, 0.33% Cu, 0.03% Co & 0.3g/t PGE <sup>1</sup> from 56m
<b>Incl.</b>	<b>4.13m @ 1.16% Ni, 0.72% Cu, 0.07% Co &amp; 0.67g/t PGE<sup>1</sup> from 65.72m</b>
BC21-35	3.6m @ 1.15% Ni, 1.1% Cu, 0.07% Co & 0.7g/t PGE <sup>1</sup> from 38.3m
<b>Incl.</b>	<b>2m @ 1.85% Ni, 1.57% Cu, 0.1% Co &amp; 1.1g/t PGE<sup>1</sup> from 39.6m</b>
BC21-38	6.1m @ 1.07% Ni, 0.63% Cu, 0.06% Co & 0.94g/t PGE <sup>1</sup> from 43.9m
<b>Incl.</b>	<b>1.37m @ 1.63% Ni, 0.62% Cu, 0.09% Co &amp; 1.41g/t PGE<sup>1</sup> from 48.63m</b>

<sup>1</sup> Platinum (Pt) + Palladium (Pd) + Gold (Au)

Blackstone Minerals' Managing Director Scott Williamson commented:

*"We look forward to presenting a maiden resource at Ban Chang and incorporating the successful outcomes of infill drilling into a mine plan as part of our Upstream Business Unit PFS. Drilling at Ban Chang is tightly spaced and has consistently intersected massive sulfide mineralisation, providing a high level of confidence as we progress through the next phases of mine development."*

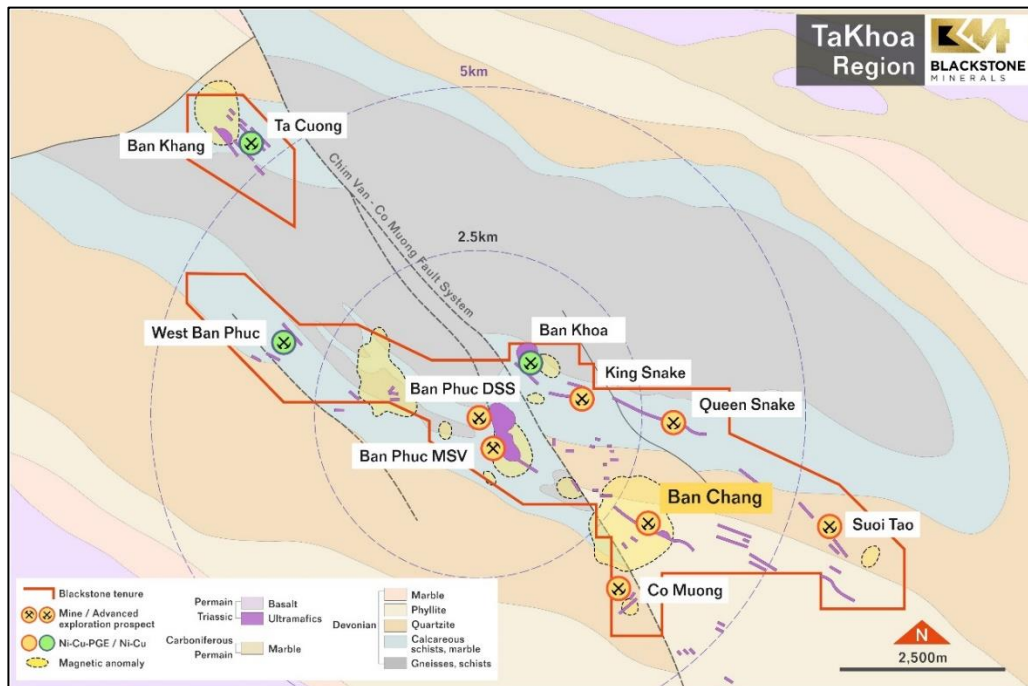


Figure 1. Ta Khoa Nickel-PGE (Cu-Co) district

### Ban Chang MSV Project

Ban Chang is located 2.5km south-east of the existing processing facility and the Ban Phuc DSS deposit adjacent to the Chim Van - Co Muong fault system. The prospect geology consists of massive and disseminated sulfides (DSS) hosted within a tremolitic dyke swarm which intruded into phyllites, sericite schists and quartzites of the Devonian Ban Cai Formation (refer Figure 1).

The known dyke swarm is approximately 900m long and varies between 5 and 60 meters wide. The dykes and massive sulfide are interpreted to be hosted within a splay (and subsidiary structures) off the major regional Chim Van - Co Muong fault system.

Drilling at Ban Chang has identified multiple massive sulfide lenses, which are often associated with broader disseminated sulfide zones. Preliminary mining studies suggest that Ban Chang is amenable to a modern mechanised underground mining.

As part of the ongoing work for the Upstream Business Unit (UBU) Pre-feasibility Study (PFS), Ban Chang is being assessed as an ore source for the existing 450ktpa concentrator and/or as a feedstock that complements processing of disseminated sulfide ore (i.e., from Ban Phuc) for the larger proposed concentrator.

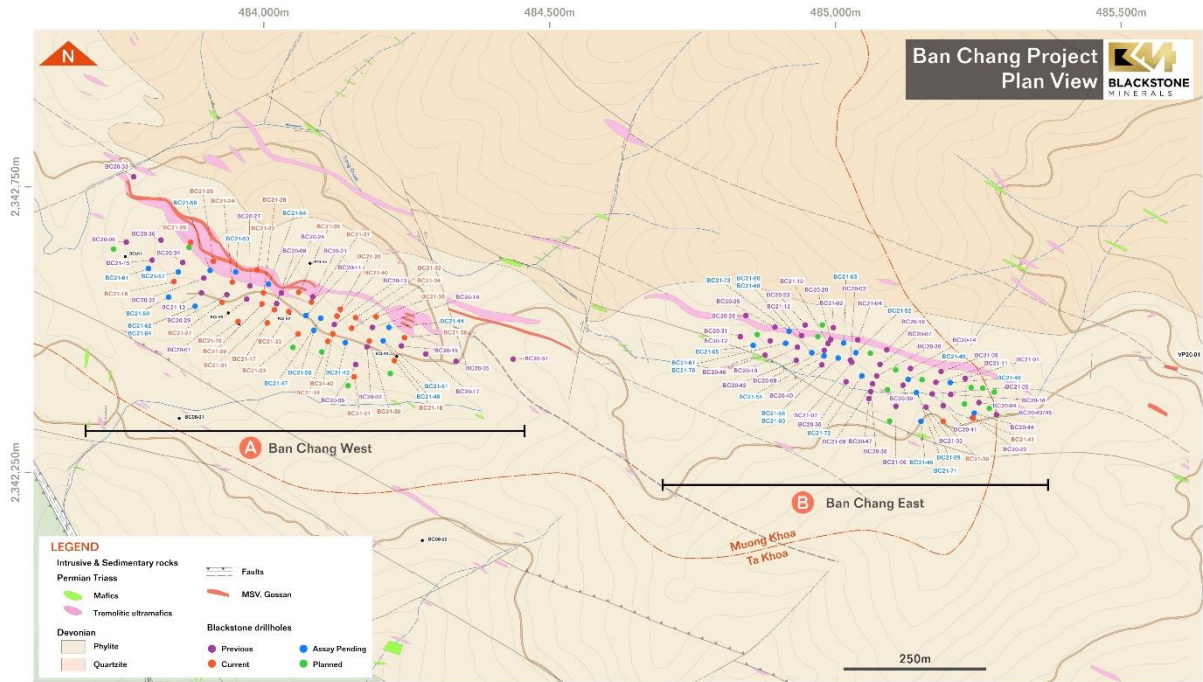


Figure 2. Ban Chang Plan View showing locations of Blackstone drill holes

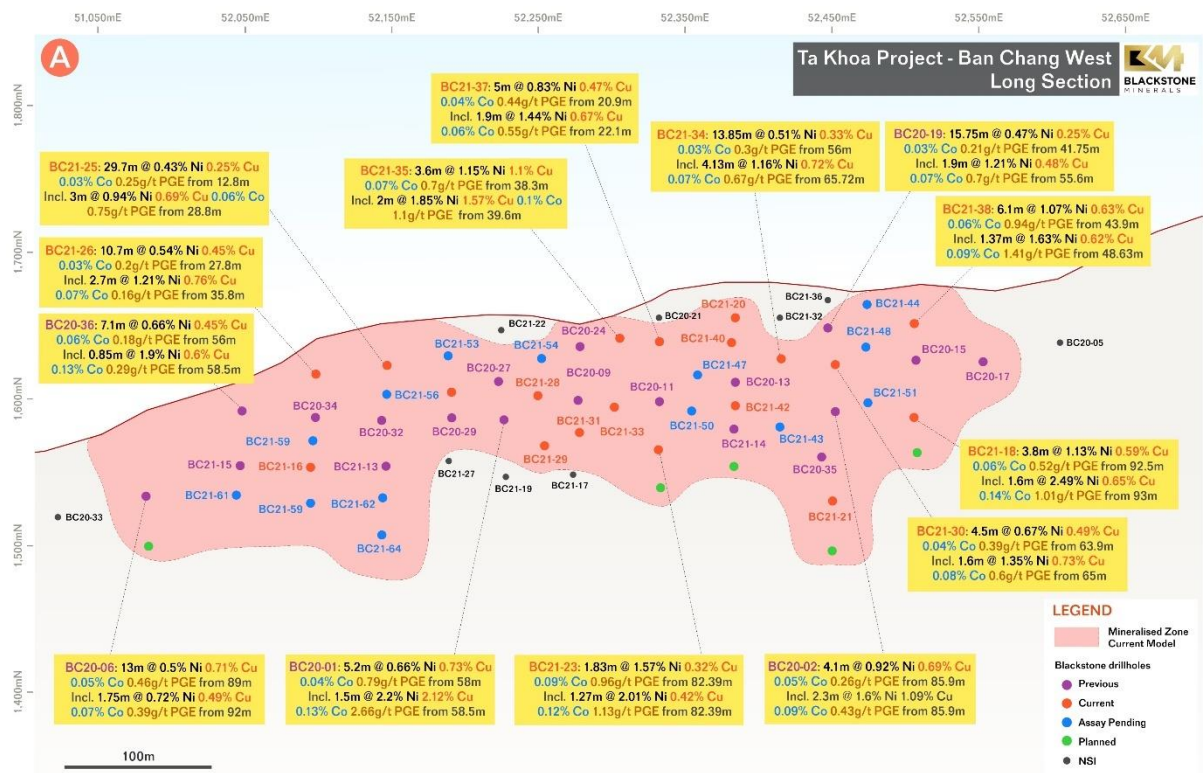


Figure 3. Ban Chang West Long Section

Results from the current reporting were primarily received from infill drilling at Ban Chang West, which is now mostly complete.

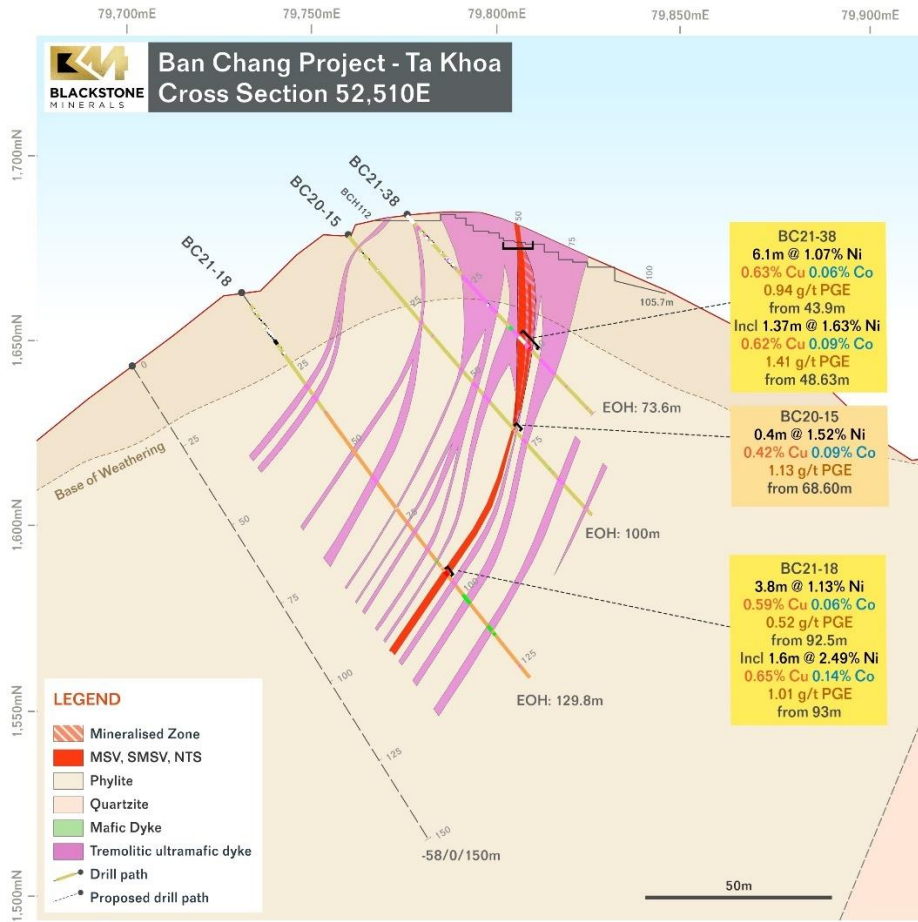


Figure 4. Ban Chang Cross Section 52510E (BC West)

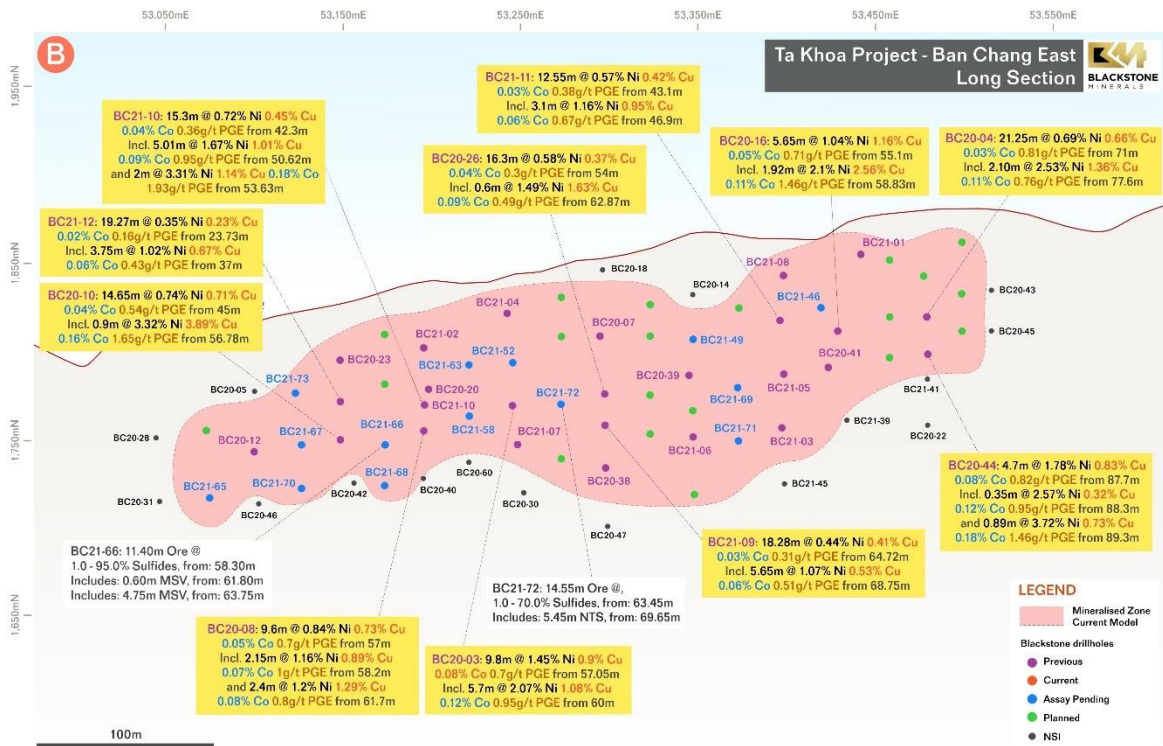


Figure 5. Ban Chang East Long Section

The focus of Blackstone’s most recent drilling (results pending) and planned drilling will be at Ban Chang East (refer Figures 5, 6 & 7 and Tables 1 & 2). A maiden resource estimate for Ban Chang (East & West) is expected to now be completed in Q4 2021, the outcomes of which will be incorporated into Blackstone’s upcoming UBU PFS.

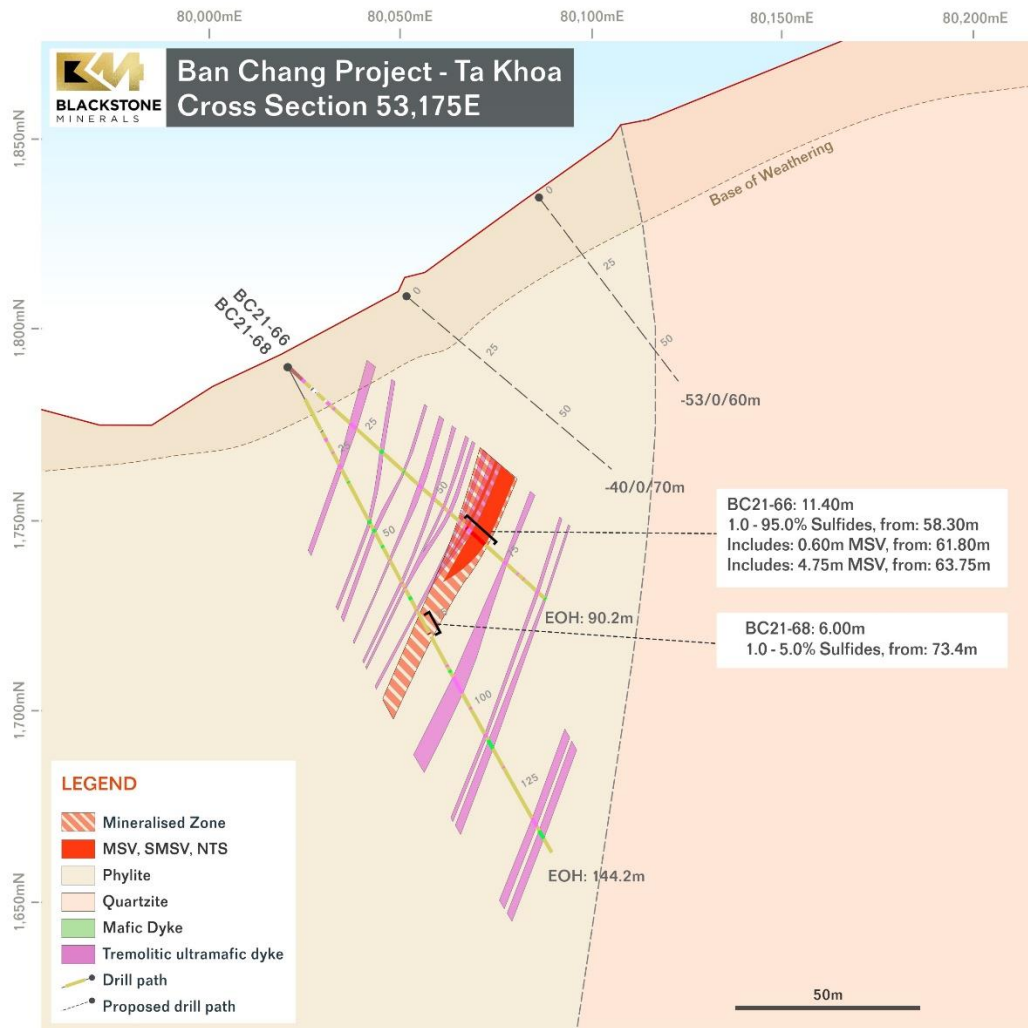


Figure 6. Ban Chang Cross Section 53175E highlighting drill hole BC21-66 (BC East)

Table 1. Sulfide mineralisation zones in BC21-66 & BC21-68\*

Drill Hole	From (m)	To (m)	Width (m)	Sulfide (type)	Sulfide %
BC21-66	58.30	61.80	3.50	Disseminated Sulfide	1-3
BC21-66	61.80	62.40	0.60	Massive Sulfide Vein	80
BC21-66	62.40	63.75	1.35	Disseminated Sulfide	2-8
BC21-66	63.75	68.50	4.75	Massive Sulfide Vein	95
BC21-66	68.50	69.70	1.20	Stringers	2-4
BC21-68	73.40	79.40	6.00	Stringers	1-5

\*In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of sulfide mineral abundance should never be considered a proxy or substitute for a laboratory analysis. Assay results are required to determine the widths and grade of the visible mineralisation reported in preliminary geological logging. The Company will update the market when laboratory analytical results become available.

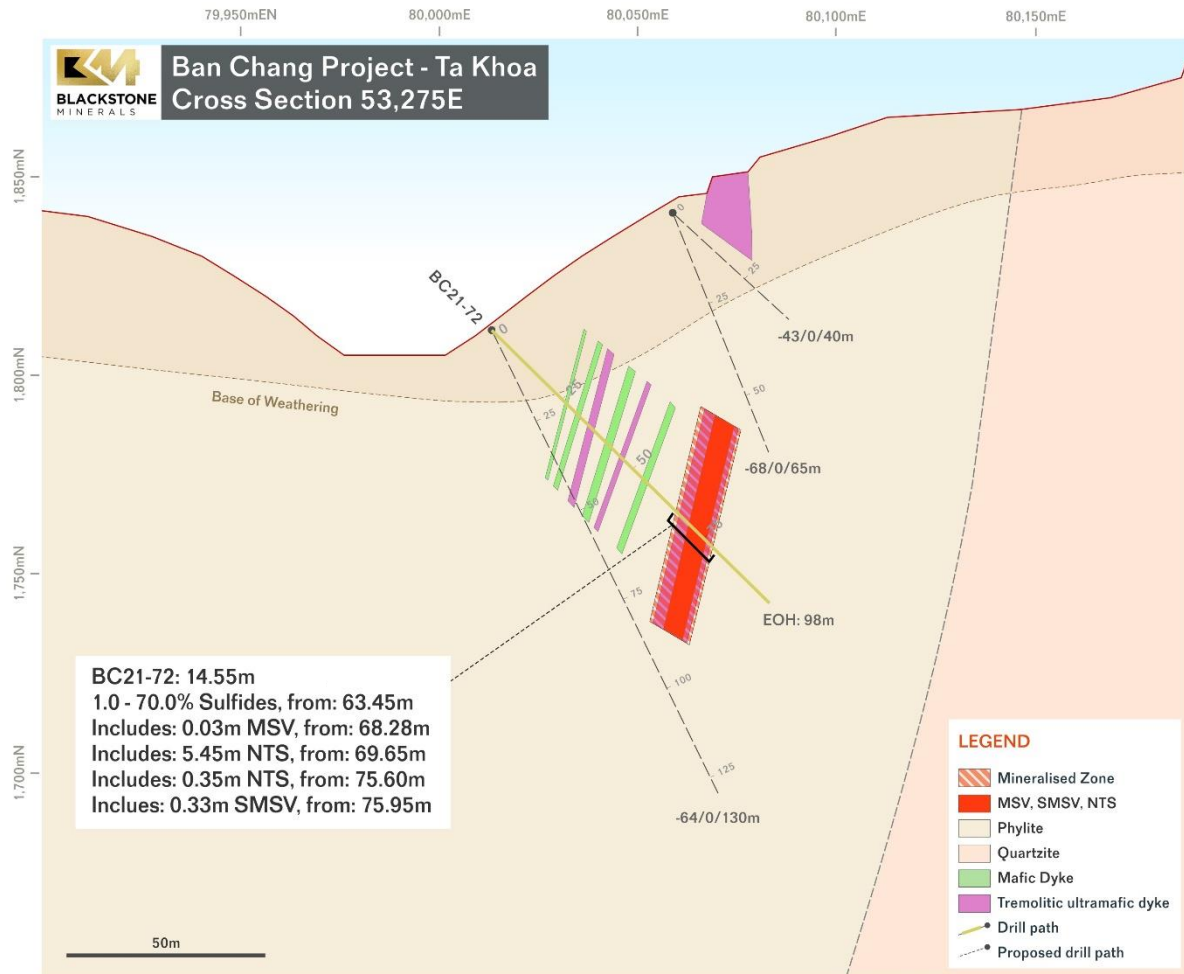


Figure 7. Ban Chang Cross Section 53275E highlighting drill hole BC21-72 (BC East)

Table 2. Sulfide mineralisation zones in BC21-72\*

From (m)	To (m)	Width (m)	Sulfide (type)	Sulfide %
63.45	66.10	2.65	Stringers	1-5
66.10	68.28	2.18	Disseminated Sulfide	2-4
68.28	68.31	0.03	Massive Sulfide Vein	70
68.31	69.65	1.34	Disseminated Sulfide	1-6
69.65	75.10	5.45	Net Textured Sulfide (NTS)	25-35
75.10	75.60	0.50	Disseminated Sulfide	3-5
75.60	75.95	0.35	Net Textured Sulfide	35
75.95	76.28	0.33	Semi-massive Sulfide Vein (SMSV)	40
76.28	77.20	0.92	Disseminated Sulfide	2-4
77.20	78.00	0.80	Stringers	1-3

\*In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of sulfide mineral abundance should never be considered a proxy or substitute for a laboratory analysis. Assay results are required to determine the widths and grade of the visible mineralisation reported in preliminary geological logging. The Company will update the market when laboratory analytical results become available.

Authorised by the Managing Director on behalf of the Board of Blackstone Minerals Limited.

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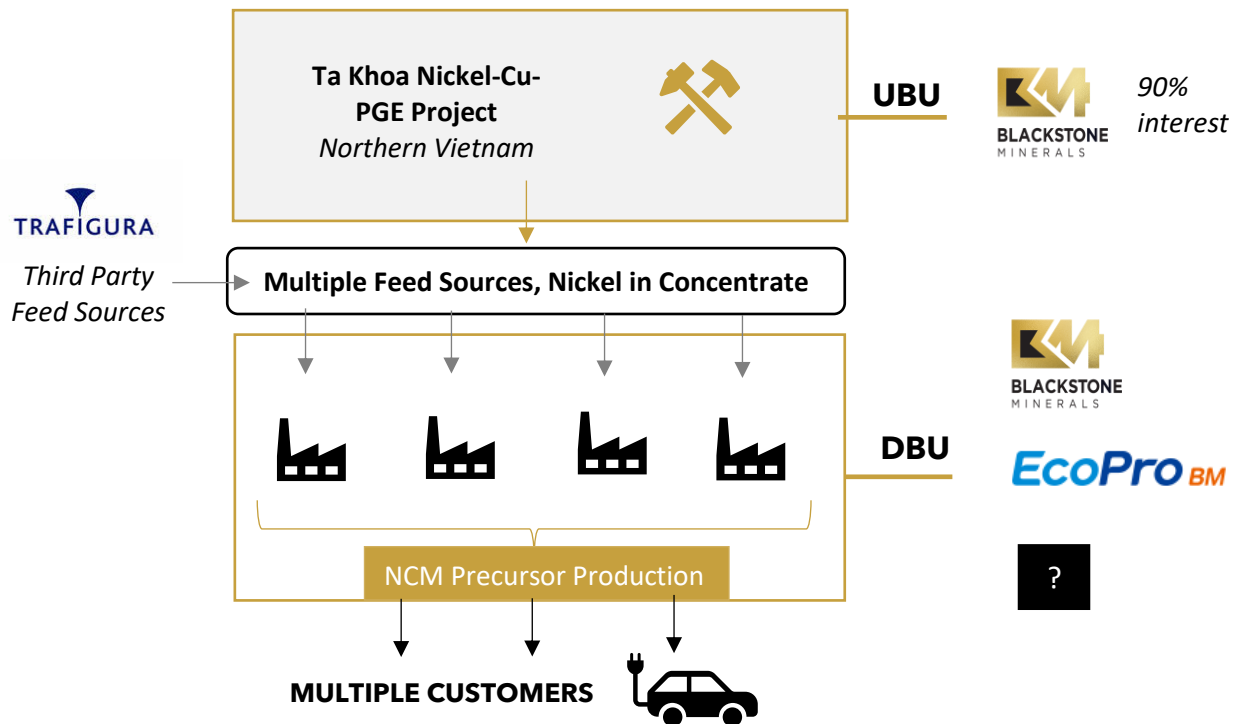
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## About Blackstone

Blackstone Minerals Ltd (ASX: BSX / OTCQX: BLSTF / FRA: B9S) is focused on building an integrated upstream and downstream battery metals processing business in Vietnam that produces Nickel: Cobalt: Manganese (NCM) Precursor products for Asia's growing Lithium-ion battery industry (refer Figure 8)

Figure 8 -Ta Khoa Project Snapshot



The Company owns a 90% interest in the Ta Khoa Nickel-Copper-PGE Project. The Ta Khoa Project is located 160km west of Hanoi in the Son La Province of Vietnam and includes an existing modern nickel mine built to Australian standards which is currently under care and maintenance (refer Figure 9). The Ban Phuc nickel mine successfully operated as a mechanised underground nickel mine from 2013 to 2016.

In October 2020, the Company completed a Scoping Study which investigated mining the Ban Phuc Disseminated nickel sulfide ore body (upstream) and the construction of a 200ktpa downstream refinery (refer to ASX announcement of 14 October 2020, including for the full details of the Company's Mineral Resource Estimate at Ban Phuc).

Building on the outcomes of the Scoping Study, the Company has since completed a technically and economically robust Pre-feasibility Study for its Downstream Business Unit (DBU) which sees expanded downstream capacity. This is based on the Ta Khoa refinery being designed to process 400ktpa of nickel concentrate, supplied from the Ta Khoa Nickel - Cu - PGE mine as well as third party concentrate.

The Company is continuing to advance a PFS for the UBU. The UBU PFS will contemplate the option to mine several higher-grade massive sulfide vein (MSV) deposits, which has the potential to reduce initial upfront capital requirements for the UBU by enabling the Company to restart the existing Ban Phuc Concentrator (450ktpa).



By combining the Company's existing mineral inventory (Ban Phuc Disseminated Sulfide - DSS), exploration potential presented by high priority targets such as Ban Chang, King Snake, Ta Cuong and Ban Khoa, and the ability to source third party concentrate, Blackstone will be able to increase the scale of its downstream business to cater to the rising demand for downstream nickel products.



Figure 9. Ta Khoa Nickel-Cu-PGE Project Location

## Competent Person Statement

The information in this report that relates to Exploration Results and Exploration Targets is based on information compiled by Mr Andrew Radonjic, a Director and Technical Consultant of the company, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Andrew Radonjic has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Andrew Radonjic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resource Estimation in respect of the Ta Khoa Nickel Project is based on information compiled by BM Geological Services (BMGS) under the supervision of Andrew Bewsher, a director of BMGS and Member of the Australian Institute of Geoscientists with over 21 years of experience in the mining and exploration industry in Australia and Vietnam in a multitude of commodities including nickel, copper and precious metals. Mr Bewsher has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewsher consents to the inclusion of the Mineral Resource Estimate in this report on that information in the form and context in which it appears.

The Company confirms that all material assumptions and parameters underpinning the Mineral Resource Estimates as reported within the Scoping Study in market announcement dated 14 October 2020 continue to apply and have not materially changed, and that it is not aware of any new information or data that materially affects the information that has been included in this announcement.

## Forward Looking Statements

This report contains certain forward-looking statements. The words "expect", "forecast", "should", "projected", "could", "may", "predict", "plan", "will" and other similar expressions are intended to identify forward looking statements. Indications of, and guidance on, future earnings, cash flow costs and financial position and performance are also forward-looking statements. Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results or trends to differ materially. These variations, if materially adverse, may affect the timing or the feasibility of the development of the Ta Khoa Nickel Project.

The project development schedule assumes the completion for the Downstream Business Unit of a Definitive Feasibility Study (DFS) by mid-2022. A PFS & DFS for the Upstream Business Unit is assumed to be completed in 2021 and 2022 respectively. Development approvals and investment permits will be sought from the relevant Vietnamese authorities concurrent to studies being completed. Delays in any one of these key activities could result in a delay to the commencement of construction (planned for early 2023). This could lead

on to a delay to first production, currently planned for 2024. It is expected that the Company's stakeholder and community engagement programs will reduce the risk of project delays. Please note these dates are indicative only.

The JORC-compliant Mineral Resource estimate forms the basis for the Scoping Study in the market announcement dated 14 October 2020. Over the life of mine considered in the Scoping Study, 83% of the processed Mineral Resource originates from Indicated Mineral Resources and 17% from Inferred Mineral Resources; 76% of the processed Mineral Resource during the payback period will be from Indicated Mineral Resources. The viability of the development scenario envisaged in the Scoping Study therefore does not depend on Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. The Inferred Mineral Resources are not the determining factors in project viability. Please refer to the Cautionary Statement in the Scoping Study market announcement dated 14 October 2020.

**Table 3**

**New and historic** Blackstone Ban Chang (BC) drill hole locations, orientations and mineralised intersections (down hole positions & lengths are shown).

Note: Drill holes marked with "\*" relate to new information presented in this report which assay results have been received

Note: Complete assay interval data for drill holes with new assay results is presented in Table 4

Note: Complete assay interval data for historic drill holes by Blackstone at Ban Chang can be located in previous ASX announcements

Note: Drill holes marked "\*\*\*" relates to new information presented in this report based on observations of visual mineralisation

Note: PGE = Pt+Pd+Au.

Note: NSI = No Significant Intercept

Note: All coordinates UTM Zone48N WGS84, Surveys by Leica 1203+ total station system.

Project Area	Hole	East UTM 48N WGS84	North UTM 48N WGS84	RLm UTM 48N WGS84	Azimuth UTM	Dip	End of hole (metres)	From m	To m	Interval m	Ni %	Cu %	Co %	Pt+Pd+Au g/t	Pt g/t	Pd g/t	Au g/t	Recovery %
BC West	BC20-01	432265	2341875	631	22	-50	100	58.00	63.20	5.20	0.66	0.73	0.04	0.79	0.17	0.55	0.07	100.00
BC West	including							58.50	60.00	1.50	2.20	2.12	0.13	2.66	0.59	1.86	0.21	100.00
BC West	BC20-02	432475	2341790	670	22	-55	133	85.90	90.00	4.10	0.92	0.69	0.05	0.26	0.04	0.19	0.03	100.00
BC West	or							85.90	88.20	2.30	1.60	1.09	0.09	0.43	0.07	0.32	0.04	100.00
BC West	including							86.40	88.20	1.80	2.01	1.27	0.12	0.53	0.09	0.41	0.03	100.00
BC East	BC20-03	433321	2341766	816	22	-45	133	57.05	66.85	9.80	1.45	0.90	0.08	0.70	0.23	0.44	0.03	100.00
BC East	including							60.00	65.70	5.70	2.07	1.08	0.12	0.95	0.34	0.57	0.04	100.00
BC East	and							63.35	65.20	1.85	3.59	1.18	0.20	1.97	0.40	1.53	0.04	100.00
BC East	BC20-04	433545	2341690	881	22	-50	120	71.00	92.25	21.25	0.69	0.66	0.03	0.81	0.46	0.23	0.11	100.00
BC East	including							77.60	79.70	2.10	2.53	1.36	0.11	0.76	0.43	0.30	0.03	100.00
BC West	BC20-05	432630	2341765	677	22	-55	92	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC20-06	432054	2341975	600	14	-50	150	76.77	77.00	0.23	1.00	0.12	0.07	0.44	0.17	0.25	0.02	100.00
BC West	and							89.00	102.00	13.00	0.50	0.71	0.05	0.46	0.23	0.18	0.05	99.00
BC West	including							92.00	93.75	1.75	0.72	0.49	0.07	0.39	0.24	0.10	0.05	100.00
BC West	and							97.80	102.00	4.20	0.52	0.81	0.06	0.82	0.41	0.35	0.06	100.00
BC West	including							101.00	102.00	1.00	0.24	1.80	0.05	1.30	0.07	1.13	0.10	100.00
BC East	BC20-07	433372	2341758	840	22	-45	114	34.20	38.00	3.80	0.79	0.45	0.05	0.62	0.27	0.29	0.06	100.00
BC East	including							35.30	36.95	1.65	1.13	0.62	0.06	0.71	0.29	0.37	0.05	100.00
BC East	BC20-08	433274	2341783	805	22	-50	105	57.00	66.60	9.60	0.84	0.73	0.05	0.70	0.26	0.34	0.10	100.00
BC East	including							58.20	60.35	2.15	1.16	0.89	0.07	1.00	0.45	0.46	0.09	100.00
BC East	and							61.70	64.13	2.43	1.20	1.29	0.08	0.80	0.10	0.48	0.22	100.00
BC West	BC20-09	432316	2341867	629	22	-45	107	41.50	42.05	0.55	2.24	1.11	0.12	0.75	0.30	0.43	0.02	100.00
BC East	BC20-10	433226	2341789	795	22	-45	107	45.00	59.65	14.65	0.74	0.71	0.04	0.54	0.32	0.18	0.04	100.00
BC East	including							56.78	57.65	0.87	3.32	3.89	0.16	1.65	1.18	0.42	0.05	100.00

Project Area	Hole	East UTM 48N WGS84	North UTM 48N WGS84	RLm UTM 48N WGS84	Azimuth UTM	Dip	End of hole (metres)	From m	To m	Interval m	Ni %	Cu %	Co %	Pt+Pd+Au g/t	Pt g/t	Pd g/t	Au g/t	Recovery %
BC West	BC20-11	432368	2341846	644	22	-50	103	60.65	62.15	1.50	0.87	0.49	0.05	0.23	0.03	0.18	0.02	100.00
BC East	including							60.65	61.50	0.85	1.45	0.42	0.08	0.38	0.06	0.31	0.01	100.00
BC East	BC20-12	433180	2341800	774	22	-50	101	35.50	43.80	8.30	0.50	0.70	0.05	0.46	0.23	0.16	0.07	100.00
BC East	including							39.00	43.80	4.80	0.71	0.81	0.06	0.46	0.22	0.19	0.05	100.00
BC West	BC20-13	432418	2341831	663	22	-50	101	67.45	70.75	3.30	0.48	0.48	0.03	0.38	0.16	0.19	0.03	100.00
BC West	including							67.45	68.27	0.82	1.17	0.40	0.07	0.90	0.45	0.40	0.05	100.00
BC West	and							70.55	70.75	0.20	1.32	1.57	0.08	0.78	0.29	0.45	0.03	100.00
BC East	BC20-14	433425	2341750	852	22	-45	108	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC20-15	432535	2341793	678	22	-50	100	68.60	69.85	1.25	0.55	0.52	0.03	0.39	0.22	0.15	0.02	100.00
BC West	including							68.60	69.00	0.40	1.52	0.42	0.09	1.13	0.66	0.45	0.02	100.00
BC East	BC20-16	433495	2341705	852	22	-45	90	55.10	60.75	5.65	1.04	1.16	0.05	0.71	0.15	0.52	0.04	100.00
BC East	including							58.83	60.75	1.92	2.10	2.56	0.11	1.46	0.34	1.06	0.06	100.00
BC West	BC20-17	432578	2341779	677	22	-50	92	69.70	69.77	0.07	0.58	0.98	0.03	0.80	0.22	0.51	0.06	100.00
BC East	BC20-18	433384	2341783	850	22	-50	90	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC20-19	432484	2341825	681	22	-50	80	41.75	57.50	15.75	0.47	0.25	0.03	0.21	0.10	0.10	0.01	100.00
BC West	including							55.60	57.50	1.90	1.21	0.48	0.07	0.70	0.35	0.32	0.02	100.00
BC East	BC20-20	433286	2341802	812	22	-45	75	46.00	49.85	3.85	0.81	0.57	0.05	0.36	0.13	0.21	0.02	100.00
BC East	including							48.15	49.85	1.70	1.45	1.08	0.08	0.60	0.20	0.37	0.03	100.00
BC West	BC20-21	432380	2341879	663	22	-45	80	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC20-22	433533	2341664	864	22	-73	150	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC20-23	433241	2341827	809	22	-45	73	22.10	23.30	1.20	0.34	0.17	0.02	0.15	0.06	0.08	0.01	100.00
BC West	BC20-24	432325	2341886	643	22	-45	86	0.55	1.50	0.95	0.93	0.34	0.05	0.27	0.08	0.14	0.05	100.00
BC West	and							32.50	35.05	2.55	0.40	0.32	0.02	na	na	na	na	100.00
BC East	BC20-25	433188	2341823	791	22	-50	67	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC20-26	433366	2341737	819	22	-50	103	54.00	70.30	16.30	0.58	0.37	0.04	0.30	0.15	0.14	0.01	100.00
BC East	including							62.87	63.42	0.55	1.49	1.63	0.09	0.49	0.14	0.31	0.04	100.00
BC West	BC20-27	432270	2341899	640	22	-45	70	42.32	43.00	0.68	2.56	0.65	0.14	0.97	0.39	0.56	0.02	100.00
BC East	BC20-28	433138	2341844	779	22	-50	84	15.20	17.20	2.00	0.17	0.22	0.01	na	na	na	na	100.00
BC West	BC20-29	432230	2341883	629	22	-45	83	63.60	64.80	1.20	0.51	0.16	0.03	0.27	0.11	0.15	0.01	100.00
BC West	including							63.60	63.75	0.15	2.65	0.08	0.14	0.99	0.35	0.63	0.01	100.00
BC East	BC20-30	433313	2341728	792	15	-50	143	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00
BC East	BC20-31	433127	2341808	756	22	-50	121	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00

Project Area	Hole	East UTM 48N WGS84	North UTM 48N WGS84	RLm UTM 48N WGS84	Azimuth UTM	Dip	End of hole (metres)	From m	To m	Interval m	Ni %	Cu %	Co %	Pt+Pd+Au g/t	Pt g/t	Pd g/t	Au g/t	Recovery %
BC West	BC20-32	432190	2341912	626	22	-45	96	61.59	62.95	1.36	1.11	0.44	0.07	0.46	0.16	0.28	0.02	100.00
BC West	including							61.86	62.30	0.44	2.16	0.91	0.14	0.76	0.30	0.43	0.03	100.00
BC West	and							62.60	62.95	0.35	1.10	0.12	0.07	0.24	0.01	0.22	0.02	100.00
BC West	BC20-33	432063	2342093	556	227	-45	150	-	-	-	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC20-34	432153	2341939	631	22	-45	122	66.65	68.57	1.92	1.03	0.60	0.06	0.44	0.23	0.19	0.02	100.00
BC West	including							66.65	67.56	0.91	1.99	0.92	0.12	0.84	0.46	0.36	0.02	100.00
BC West	BC20-35	432456	2341760	635	22	-50	135	109.70	110.35	0.65	0.99	2.97	0.06	0.90	0.31	0.32	0.27	100.00
BC West	BC20-36	432115	2341979	626	22	-45	79	52.95	55.10	2.15	0.57	0.35	0.05	0.20	0.08	0.11	0.01	82.47
BC West	including							53.25	53.65	0.40	2.07	0.88	0.17	0.57	0.16	0.40	0.01	100.00
BC West	and							56.00	63.10	7.10	0.66	0.45	0.06	0.18	0.08	0.07	0.03	100.00
BC West	including							58.45	59.30	0.85	1.91	0.60	0.13	0.29	0.14	0.11	0.04	100.00
BC West	BC20-37	432730	2341769	712	22	-45	102	-	-	-	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00
BC East	BC20-38	433355	2341710	799	22	-47	140	89.20	94.60	5.40	0.60	0.47	0.05	0.20	0.07	0.11	0.02	100.00
BC East	including							91.38	93.60	2.22	0.92	0.53	0.08	0.24	0.09	0.14	0.01	100.00
BC East	BC20-39	433412	2341722	828	22	-45	130	63.80	66.87	3.07	1.39	0.79	0.08	0.72	0.25	0.50	0.03	100.00
BC East	BC20-40	433270	2341757	791	22	-50	130	-	-	-	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00
BC East	BC20-41	433482	2341685	843	22	-50	105	73.50	74.40	0.90	0.62	0.40	0.04	0.83	0.38	0.35	0.09	100.00
BC East	BC20-42	433226	2341765	777	22	-51	106	-	-	-	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00
BC East	BC20-43	433575	2341670	873	22	-45	120	-	-	-	NSI	NSI	NSI	NSI	NSI	NSI	NSI	100.00
BC East	BC20-44	433536	2341672	867	22	-51	120	87.70	92.42	4.72	1.78	0.83	0.08	0.82	0.51	0.47	0.16	100.00
BC East	including							88.30	88.65	0.35	2.57	0.32	0.12	0.95	0.78	0.21	0.04	100.00
BC East	and							89.26	90.15	0.89	3.72	0.73	0.18	1.46	0.77	0.85	0.16	100.00
BC East	BC20-45	433188	2341823	791	22	-50	67	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC20-46	433171	2341774	753	22	-50	122	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC20-47	433352	2341698	801	22	-58	164	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC21-01	433521	2341733	869	22	-51	109	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC East	BC21-02	433290	2341822	825	22	-50	79	31.00	36.30	5.30	0.22	0.14	0.01	0.12	0.05	0.06	0.01	100.00
BC East	BC21-03	433452	2341683	846	22	-60	157	106.20	109.73	3.53	0.60	0.40	0.05	0.23	0.09	0.11	0.03	100.00
BC East	BC21-04	433333	2341801	832	22	-50	93	21.45	25.50	4.05	0.21	0.04	0.01	0.05	0.02	0.02	0.01	100.00
BC East	BC21-05	433462	2341706	833	22	-50	98	59.60	64.86	5.26	0.74	0.57	0.04	0.71	0.29	0.35	0.07	100.00
BC East	including							61.52	64.43	2.91	1.12	0.69	0.06	0.80	0.35	0.39	0.06	100.00
BC East	BC21-06	433400	2341685	818	22	-46	141	95.80	109.00	13.20	0.33	0.39	0.02	0.52	0.28	0.19	0.05	100.00

Project Area	Hole	East UTM 48N WGS84	North UTM 48N WGS84	RLm UTM 48N WGS84	Azimuth UTM	Dip	End of hole (metres)	From m	To m	Interval m	Ni %	Cu %	Co %	Pt+Pd+Au g/t	Pt g/t	Pd g/t	Au g/t	Recovery %
BC East	including							99.15	102.53	3.38	0.75	0.57	0.05	0.81	0.44	0.30	0.07	100.00
BC East	BC21-07	433323	2341761	814	22	-60	98	72.12	83.93	11.81	0.40	0.40	0.04	0.74	0.17	0.45	0.12	100.00
BC East	including							71.12	71.42	0.30	0.95	2.73	0.17	15.99	2.32	13.50	0.17	100.00
BC East	and							81.40	83.93	2.53	1.00	0.87	0.08	0.72	0.12	0.25	0.35	100.00
BC East	BC21-08	433478	2341745	860	22	-45	62	15.60	32.50	16.90	0.20	0.10	0.02	na	na	na	na	95.00
BC East	BC21-09	433358	2341724	808	22	-46	107	64.72	83.00	18.28	0.44	0.41	0.03	0.31	0.11	0.16	0.04	100.00
BC East	including							68.75	74.40	5.65	1.07	0.53	0.06	0.51	0.21	0.26	0.04	100.00
BC East	BC21-10	433281	2341794	807	22	-51	66	42.30	57.60	15.30	0.72	0.45	0.04	0.36	0.16	0.18	0.02	100.00
BC East	including							50.62	55.63	5.01	1.67	1.01	0.09	0.95	0.42	0.49	0.04	100.00
BC East	and							53.63	55.63	2.00	3.31	1.14	0.18	1.93	0.80	1.09	0.04	100.00
BC East	BC21-11	433469	2341726	849	22	-45	70	43.10	55.65	12.55	0.57	0.42	0.03	0.38	0.15	0.18	0.05	100.00
BC East	including							46.90	50.00	3.10	1.16	0.95	0.06	0.67	0.27	0.33	0.07	100.00
BC East	BC21-12	433235	2341809	798	22	-45	69	23.73	43.00	19.27	0.35	0.23	0.02	0.16	0.07	0.08	0.01	100.00
BC East	including							37.00	40.75	3.75	1.02	0.67	0.06	0.43	0.19	0.22	0.02	100.00
BC West	BC21-13	432186	2341887	615	22	-49	125	87.75	88.58	0.83	2.37	0.63	0.13	1.19	0.32	0.85	0.02	100.00
BC West	BC21-14	432406	2341801	645	22	-50	125	88.40	89.75	1.35	0.46	0.27	0.03	0.20	0.05	0.14	0.01	100.00
BC West	including							89.15	89.45	0.30	1.22	0.38	0.07	0.60	0.18	0.40	0.02	100.00
BC West	BC21-15	432100	2341944	617	22	-48	126	87.05	89.35	2.30	0.60	0.31	0.04	0.64	0.25	0.38	0.01	100.00
BC West	BC21-16*	432138	2341906	619	22	-48	135	92.10	94.50	2.40	0.59	0.28	0.03	0.25	0.06	0.18	0.01	100.00
BC West	including							93.00	93.50	0.50	2.73	0.46	0.15	1.12	0.28	0.83	0.01	100.00
BC West	BC21-17*	432301	2341834	607	22	-50	125	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-18*	432523	2341767	663	22	-55	130	92.50	96.30	3.80	1.13	0.59	0.06	0.52	0.11	0.33	0.08	100.00
BC West	including							93.00	94.60	1.60	2.49	0.65	0.14	1.01	0.26	0.73	0.02	100.00
BC West	BC21-19*	432250	2341836	611	22	-50	147	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-20*	432429	2341857	673	22	-45	78	25.70	27.40	1.70	0.26	0.13	0.02	0.15	0.06	0.09	<0.01	100.00
BC West	BC21-21*	432453	2341739	621	22	-47	164	130.80	133.90	3.10	0.49	1.42	0.04	0.76	0.14	0.61	0.01	100.00
BC West	including							132.00	133.15	1.15	0.97	0.96	0.07	1.55	0.30	1.23	0.02	100.00
BC West	BC21-22*	432283	2341926	657	22	-45	52	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-23*	432355	2341814	627	22	-50	142	82.39	84.22	1.83	1.57	0.32	0.09	0.96	0.69	0.25	0.02	100.00
BC West	including							82.39	83.66	1.27	2.01	0.42	0.12	1.13	0.79	0.32	0.02	100.00
BC West	BC21-24*	432239	2341905	639	22	-45	69	51.02	52.54	1.52	1.95	0.42	0.10	0.78	0.28	0.48	0.02	100.00
BC West	BC21-25*	432207	2341942	642	22	-45	60	12.80	42.50	29.70	0.43	0.25	0.03	0.25	0.11	0.11	0.03	100.00

Project Area	Hole	East UTM 48N WGS84	North UTM 48N WGS84	RLm UTM 48N WGS84	Azimuth UTM	Dip	End of hole (metres)	From m	To m	Interval m	Ni %	Cu %	Co %	Pt+Pd+Au g/t	Pt g/t	Pd g/t	Au g/t	Recovery %
BC West	including							28.80	31.80	3.00	0.94	0.69	0.06	0.75	0.34	0.34	0.07	100.00
BC West	and							40.60	42.50	1.90	0.67	0.77	0.05	1.02	0.49	0.41	0.12	100.00
BC West	BC21-26*	432167	2341975	637	22	-45	66	27.80	38.50	10.70	0.54	0.45	0.03	0.20	0.06	0.11	0.03	91.00
BC West	including							35.80	38.50	2.70	1.21	0.76	0.07	0.16	0.07	0.08	0.01	63.00
BC West	BC21-27*	432221	2341870	622	22	-54	133	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-28*	432294	2341886	632	20	-53	63	40.16	40.90	0.74	1.24	0.83	0.07	0.59	0.23	0.32	0.04	100.00
BC West	BC21-29*	432292	2341867	620	21	-60	91	60.00	66.60	6.60	0.44	0.74	0.03	1.35	0.60	0.66	0.09	100.00
BC West	including							60.85	63.00	2.15	0.69	1.32	0.04	3.47	1.73	1.57	0.17	100.00
BC West	BC21-30*	432478	2341801	668	21	-46	94	63.90	68.40	4.50	0.67	0.49	0.04	0.39	0.14	0.22	0.03	100.00
BC West	including							65.00	66.61	1.61	1.35	0.73	0.08	0.60	0.24	0.32	0.04	100.00
BC West	and							71.95	72.25	0.30	2.30	0.50	0.13	2.26	0.72	1.52	0.02	100.00
BC West	BC21-31*	432313	2341857	622	21	-57	80	57.60	58.28	0.68	1.43	0.22	0.08	0.67	0.37	0.29	0.01	100.00
BC West	BC21-32*	432455	2341842	679	22	-45	76	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-33*	432338	2341854	633	21	-51	77	50.47	51.15	0.68	3.27	0.37	0.20	0.45	0.01	0.43	0.01	100.00
BC West	BC21-34*	432448	2341823	672	21	-52	98	56.00	69.85	13.85	0.51	0.33	0.03	0.30	0.13	0.15	0.02	100.00
BC West	including							65.72	69.85	4.13	1.16	0.72	0.07	0.67	0.31	0.33	0.03	100.00
BC West	BC21-35*	432356	2341887	657	21	-64	62	38.30	41.90	3.60	1.15	1.10	0.07	0.70	0.32	0.34	0.04	100.00
BC West	including							39.60	41.60	2.00	1.85	1.57	0.10	1.10	0.50	0.55	0.05	100.00
BC West	BC21-36*	432491	2341844	685	21	-45	69	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-37*	432378	2341869	659	21	-61	79	20.90	25.90	5.00	0.83	0.47	0.04	0.44	0.26	0.11	0.07	100.00
BC West	including							22.10	24.00	1.90	1.44	0.67	0.06	0.55	0.36	0.13	0.06	100.00
BC West	BC21-38*	432541	2341807	684	21	-48	74	43.90	50.00	6.10	1.07	0.63	0.06	0.94	0.49	0.38	0.07	100.00
BC West	including							48.63	50.00	1.37	1.63	0.62	0.09	1.41	0.88	0.48	0.05	100.00
BC East	BC21-39*	433482	2341658	862	22	-56	157	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-40*	432422	2341845	668	19	-45	82	37.50	44.50	7.00	0.52	0.40	0.03	0.22	0.09	0.11	0.02	100.00
BC West	including							42.55	43.70	1.15	1.73	0.88	0.08	0.74	0.29	0.42	0.04	100.00
BC East	BC20-41*	433533	2341663	865	22	-55	142	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	-
BC West	BC21-42*	432415	2341814	655	19	-50	100	78.35	80.00	1.65	1.04	0.23	0.06	0.66	0.18	0.46	0.02	100.00
BC West	including							79.20	80.00	0.80	2.04	0.25	0.11	1.26	0.31	0.93	0.02	100.00
BC East	BC21-66**	433250	2341779	789	22	-44	79							Assay Pending				
BC East	BC21-68**	433252	2341706	790	22	-64	144							Assay Pending				
BC East	BC21-72**	433341	2341736	811	19	-44	98							Assay Pending				



**Table 4**

Drill hole assays, preparation by SGS, Hai Phong, assays by ALS Geochemistry, Perth (see *Appendix One for assay methods*). Note: na denotes assay result not available (element was not determined), < - below the detection of the test performed.

Complete assay interval data is provided below for drill holes marked with "\*" in the Table 3.

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-16	65.7	67.05	1.35	100	543	75	60	na	na	na
BC21-16	80.1	81.3	1.2	100	278	55	58	<0.005	<0.001	0.001
BC21-16	81.3	82.3	1	100	241	82	54	<0.005	0.002	0.001
BC21-16	92.1	93	0.9	100	567	3830	38	<0.005	0.013	0.015
BC21-16	93	93.5	0.5	100	27300	4560	1505	0.275	0.83	0.009
BC21-16	93.5	94.5	1	100	93	1030	11	<0.005	<0.001	0.013
BC21-16	94.5	95.5	1	100	42	287	9	<0.005	<0.001	0.003
BC21-16	95.5	96.5	1	100	86	721	33	<0.005	<0.001	0.017
BC21-16	96.5	97.5	1	100	58	205	29	<0.005	<0.001	0.001
BC21-16	97.5	98.5	1	100	70	123	43	<0.005	<0.001	<0.001
BC21-16	98.5	99.5	1	100	83	97	46	<0.005	<0.001	<0.001
BC21-16	99.5	100.4	0.9	100	173	102	49	<0.005	0.001	0.003
BC21-16	101.8	102.75	0.95	100	243	94	49	na	na	na
BC21-16	102.75	103.6	0.85	100	262	49	44	na	na	na
BC21-16	106.35	107.65	1.3	100	518	104	64	na	na	na
BC21-16	128	129	1	100	80	53	32	na	na	na
BC21-17	46.3	47.1	0.8	100	303	103	57	na	na	na
BC21-17	47.1	48	0.9	100	368	32	47	na	na	na
BC21-17	52	53	1	100	431	126	56	na	na	na
BC21-17	70.9	71.75	0.85	100	297	89	47	na	na	na
BC21-17	84.25	85.5	1.25	100	190	82	40	na	na	na
BC21-17	85.5	86.4	0.9	100	294	55	48	na	na	na
BC21-17	86.4	87.45	1.05	100	260	43	43	na	na	na
BC21-17	91.6	92.7	1.1	100	52	71	36	na	na	na
BC21-17	92.7	93.7	1	100	64	27	39	na	na	na
BC21-17	93.7	94.7	1	100	110	40	52	na	na	na
BC21-17	94.7	95.7	1	100	159	44	51	na	na	na
BC21-17	103	104.25	1.25	100	434	53	55	na	na	na
BC21-17	104.25	105.4	1.15	100	330	92	49	na	na	na
BC21-18	92.5	93	0.5	100	682	4810	42	<0.005	0.05	0.018
BC21-18	93	94	1	100	28200	5470	1610	<0.005	0.946	0.018
BC21-18	94	94.6	0.6	100	19350	8130	1075	0.682	0.365	0.024
BC21-18	94.6	96.3	1.7	100	1585	5610	83	<0.005	0.032	0.152
BC21-18	96.3	97.8	1.5	100	613	103	63	0.01	0.008	0.001
BC21-19	64.3	65.6	1.3	100	344	74	53	na	na	na
BC21-19	70.2	71.5	1.3	100	538	81	63	na	na	na
BC21-19	86.2	87.8	1.6	100	223	80	58	na	na	na
BC21-19	92	93.65	1.65	100	200	63	45	na	na	na
BC21-19	94.65	95.5	0.85	100	232	40	41	na	na	na
BC21-19	104.3	105.3	1	100	226	59	41	na	na	na
BC21-19	105.3	106.3	1	100	336	70	55	na	na	na
BC21-19	106.3	107.5	1.2	100	316	104	53	na	na	na
BC21-19	107.5	108.55	1.05	100	310	65	51	na	na	na
BC21-19	114.7	115.6	0.9	100	211	59	47	na	na	na
BC21-19	115.6	116.5	0.9	100	80	41	45	na	na	na
BC21-20	25.7	26.6	0.9	100	3060	1630	267	0.053	0.1	0.004
BC21-20	26.6	27.4	0.8	100	2120	853	145	0.065	0.07	0.004
BC21-20	27.4	28.4	1	100	1160	293	88	0.016	0.013	0.001
BC21-20	28.4	29.5	1.1	100	1050	202	78	0.005	0.007	<0.001
BC21-20	29.5	29.9	0.4	100	274	515	33	<0.005	0.006	0.001
BC21-20	29.9	30.7	0.8	100	260	48	53	<0.005	0.003	<0.001
BC21-20	30.7	31.1	0.4	100	245	84	51	<0.005	0.003	0.005
BC21-20	34	35	1	100	289	119	50	na	na	na
BC21-20	35	36.2	1.2	100	440	67	58	na	na	na
BC21-21	129	130.8	1.8	100	304	141	31	<0.005	0.002	0.001
BC21-21	130.8	132	1.2	100	2210	17450	179	0.009	0.349	0.01
BC21-21	132	132.4	0.4	100	7680	24900	861	0.225	3.04	0.031
BC21-21	132.4	132.85	0.45	100	1380	881	139	0.088	0.18	0.02
BC21-21	132.85	133.15	0.3	100	24700	2360	1315	0.71	0.407	0.008
BC21-21	133.15	133.65	0.5	100	1015	364	85	0.014	0.009	0.002
BC21-21	133.65	133.9	0.25	100	3900	47000	262	0.339	0.176	0.017
BC21-21	133.9	135.4	1.5	100	2190	902	128	0.005	0.062	0.008
BC21-21	135.4	137	1.6	100	1235	1110	53	<0.005	0.021	0.004
BC21-22	13.7	14.7	1	100	94	48	37	na	na	na
BC21-22	14.7	15.7	1	100	72	63	38	na	na	na
BC21-22	15.7	16.7	1	100	70	79	40	na	na	na
BC21-22	16.7	17.7	1	100	52	58	37	na	na	na
BC21-22	17.7	18.7	1	100	60	76	45	na	na	na
BC21-22	18.7	19.7	1	100	62	59	42	na	na	na
BC21-22	19.7	20.7	1	100	87	73	37	na	na	na
BC21-22	20.7	21.7	1	100	17	15	9	na	na	na
BC21-22	21.7	22.7	1	100	10	4	11	na	na	na

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-22	22.7	23.7	1	100	9	17	11	na	na	na
BC21-22	23.7	25.1	1.4	100	72	120	28	na	na	na
BC21-22	25.1	26.1	1	100	48	15	29	na	na	na
BC21-22	26.1	27.3	1.2	100	86	38	38	na	na	na
BC21-22	28.95	30.6	1.65	70	289	87	51	na	na	na
BC21-22	30.6	31.6	1	100	292	66	101	na	na	na
BC21-23	39.5	41	1.5	100	704	127	69	na	na	na
BC21-23	41	42.2	1.2	100	524	64	60	na	na	na
BC21-23	53.45	54.35	0.9	100	493	78	61	na	na	na
BC21-23	69.5	70.8	1.3	100	304	80	60	na	na	na
BC21-23	70.8	72	1.2	100	253	85	44	na	na	na
BC21-23	81.3	82.39	1.09	100	279	690	25	<0.005	0.002	0.003
BC21-23	82.39	83.03	0.64	100	26700	6870	1530	1.09	0.343	0.019
BC21-23	83.03	83.66	0.63	100	13450	1445	780	0.489	0.3	0.016
BC21-23	83.66	84.22	0.56	100	5560	1105	343	0.466	0.096	0.01
BC21-23	84.22	85.3	1.08	100	1245	875	80	0.007	0.026	0.008
BC21-23	85.3	86.45	1.15	100	850	947	43	<0.005	0.018	0.004
BC21-23	94.25	95.65	1.4	100	73	78	26	na	na	na
BC21-23	95.65	96.65	1	100	645	56	64	na	na	na
BC21-23	96.65	97.65	1	100	19	33	21	na	na	na
BC21-24	46.8	48.1	1.3	100	1885	1470	172	0.01	0.01	0.003
BC21-24	48.1	49.43	1.33	100	1325	235	122	<0.005	0.001	0.001
BC21-24	49.43	51.02	1.59	100	801	1820	66	<0.005	0.003	0.021
BC21-24	51.02	51.32	0.3	100	27300	3540	1350	0.42	0.879	0.018
BC21-24	51.32	52.24	0.92	100	14650	5380	718	0.264	0.347	0.022
BC21-24	52.24	52.54	0.3	100	26400	1010	1370	0.172	0.513	0.007
BC21-24	52.54	53.65	1.11	100	1030	2370	55	<0.005	0.027	0.013
BC21-24	53.65	54.85	1.2	100	191	255	49	<0.005	0.001	0.004
BC21-25	0	1	1	100	1870	403	238	0.029	0.031	0.011
BC21-25	1	2	1	100	1790	289	175	0.013	0.016	0.017
BC21-25	2	3	1	100	1320	291	139	0.006	0.008	0.002
BC21-25	3	4	1	100	1500	480	151	0.011	0.014	0.001
BC21-25	4	5	1	100	1640	610	153	0.015	0.022	0.002
BC21-25	5	6	1	100	1755	486	127	0.015	0.014	0.002
BC21-25	6	7	1	100	1795	556	118	0.015	0.017	0.003
BC21-25	7	8	1	100	1650	487	135	0.017	0.018	0.002
BC21-25	8	9	1	100	1675	287	123	0.008	0.01	0.004
BC21-25	9	10	1	100	1715	284	131	0.008	0.009	0.001
BC21-25	10	11	1	100	1695	172	124	0.008	0.006	0.003
BC21-25	11	12	1	100	1870	151	173	<0.005	0.005	0.002
BC21-25	12	12.8	0.8	100	2040	171	255	<0.005	0.007	0.005
BC21-25	12.8	13.8	1	100	8710	314	537	<0.005	0.007	0.013
BC21-25	13.8	14.8	1	100	9600	175	527	<0.005	0.01	0.005
BC21-25	14.8	15.8	1	100	9000	206	590	0.007	0.01	0.004
BC21-25	15.8	16.8	1	100	3660	305	218	0.013	0.009	0.002
BC21-25	16.8	17.8	1	100	1635	456	216	0.009	0.015	0.004
BC21-25	17.8	18.8	1	100	1350	371	125	0.008	0.009	0.005
BC21-25	18.8	19.8	1	100	1985	989	129	0.039	0.054	0.005
BC21-25	19.8	20.9	1.1	100	2210	1050	164	0.044	0.05	0.007
BC21-25	20.9	22	1.1	100	2670	1510	218	0.072	0.082	0.012
BC21-25	22	23.1	1.1	100	1690	646	148	0.04	0.036	0.008
BC21-25	23.1	23.7	0.6	100	5010	1380	129	0.038	0.032	0.005
BC21-25	23.7	24.9	1.2	100	1100	106	63	<0.005	0.007	0.009
BC21-25	24.9	25.9	1	100	1730	679	144	0.025	0.023	0.033
BC21-25	25.9	26.8	0.9	100	1970	1400	217	0.091	0.102	0.027
BC21-25	26.8	27.8	1	100	2650	2670	329	0.102	0.113	0.014
BC21-25	27.8	28.8	1	100	5620	5080	412	0.15	0.222	0.019
BC21-25	28.8	29.8	1	100	8580	5800	464	0.228	0.264	0.036
BC21-25	29.8	30.8	1	100	10800	8660	614	0.322	0.386	0.083
BC21-25	30.8	31.8	1	100	8830	6270	623	0.457	0.364	0.091
BC21-25	31.8	32.7	0.9	100	4880	4480	368	0.373	0.282	0.208
BC21-25	32.7	33.6	0.9	100	1950	951	160	0.005	0.011	0.007
BC21-25	33.6	34.5	0.9	100	1480	432	125	0.01	0.01	0.002
BC21-25	34.5	35.5	1	100	1660	741	139	0.023	0.019	0.005
BC21-25	35.5	36.4	0.9	100	3440	2240	150	0.031	0.055	0.011
BC21-25	36.4	37.2	0.8	100	1550	740	122	0.017	0.035	0.002
BC21-25	37.2	38.4	1.2	100	2340	624	148	<0.005	0.009	<0.001
BC21-25	38.4	39.6	1.2	100	3790	6910	304	0.016	0.026	<0.001
BC21-25	39.6	40.6	1	100	6730	3780	493	0.17	0.222	0.012
BC21-25	40.6	41.6	1	100	4480	7200	434	0.533	0.455	0.023
BC21-25	41.6	42.5	0.9	100	9100	8170	538	0.44	0.364	0.229
BC21-26	21	21.9	0.9	100	1610	357	107	0.009	0.011	0.003
BC21-26	21.9	22.7	0.8	100	1550	300	112	0.005	0.01	0.003
BC21-26	22.7	23.3	0.6	100	1330	218	95	0.008	0.009	0.003
BC21-26	23.3	23.9	0.6	100	1530	295	124	0.007	0.011	0.003
BC21-26	23.9	25.1	1.2	100	1790	512	109	0.01	0.016	0.007
BC21-26	25.1	26.4	1.3	100	2440	379	117	0.017	0.017	0.005
BC21-26	26.4	27.1	0.7	100	1860	715	165	0.019	0.025	0.007
BC21-26	27.1	27.8	0.7	100	1530	1260	118	0.011	0.017	0.023
BC21-26	27.8	28.6	0.8	100	5290	3340	271	0.154	0.212	0.044
BC21-26	28.6	29.6	1	100	2560	1720	203	0.112	0.077	0.014
BC21-26	29.6	30.6	1	100	1990	1480	238	0.116	0.099	0.021
BC21-26	30.6	31.6	1	100	4380	2270	180	0.028	0.057	0.01
BC21-26	31.6	32.6	1	100	5550	2110	208	0.015	0.037	0.019
BC21-26	32.6	33.6	1	100	9980	7880	264	0.039	0.053	0.01
BC21-26	33.6	34.6	1	100	1750	5760	54	0.017	0.137	0.037
BC21-26	34.6	35.8	1.2	100	1290	5710	82	0.017	0.227	0.107

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-26	35.8	37	1.2	100	12000	8110	731	0.01	0.035	0.011
BC21-26	38	38.5	0.5	100	12400	6530	468	0.205	0.197	0.019
BC21-27	59.2	60.4	1.2	100	283	103	47	na	na	na
BC21-27	63.2	64.4	1.2	100	314	74	47	na	na	na
BC21-27	83.6	84.1	0.5	100	573	201	64	na	na	na
BC21-27	87.6	89	1.4	100	210	104	44	na	na	na
BC21-27	89	90.3	1.3	100	273	38	43	na	na	na
BC21-27	94.8	96	1.2	100	99	50	41	na	na	na
BC21-27	96	97.35	1.35	100	59	45	42	na	na	na
BC21-27	127	128.25	1.25	100	311	65	50	na	na	na
BC21-27	129.3	131	1.7	100	400	74	49	na	na	na
BC21-28	37.45	38.55	1.1	100	254	95	52	<0.005	0.002	<0.001
BC21-28	38.55	40.16	1.61	100	236	410	21	<0.005	0.003	0.002
BC21-28	40.16	40.58	0.42	100	21700	5200	1135	0.376	0.473	0.027
BC21-28	40.58	40.9	0.32	100	278	12350	23	0.031	0.109	0.05
BC21-28	40.9	42	1.1	100	71	3350	17	<0.005	0.001	0.091
BC21-28	50	51	1	100	59	138	28	na	na	na
BC21-28	51	52	1	100	655	112	66	na	na	na
BC21-28	52	53	1	100	331	109	53	na	na	na
BC21-28	53	54	1	100	402	44	55	na	na	na
BC21-28	54	55	1	100	504	83	52	na	na	na
BC21-28	55	56.15	1.15	100	311	55	55	na	na	na
BC21-29	59	60	1	100	434	327	34	<0.005	0.005	0.003
BC21-29	60	60.3	0.3	100	14500	3200	749	0.552	0.525	0.037
BC21-29	60.3	60.85	0.55	100	2040	2320	115	<0.005	0.09	0.045
BC21-29	60.85	61.62	0.77	100	6090	25900	451	1.43	2.03	0.166
BC21-29	61.62	62.45	0.83	100	3830	4750	241	1.05	1.135	0.226
BC21-29	62.45	63	0.55	100	12750	8050	726	3.19	1.57	0.096
BC21-29	63	64.2	1.2	100	3240	4170	206	0.005	0.434	0.036
BC21-29	64.2	65.4	1.2	100	1495	6250	77	0.053	0.095	0.072
BC21-29	65.4	66.6	1.2	100	2270	4350	105	0.005	0.099	0.07
BC21-29	66.6	67.7	1.1	100	1760	1190	63	<0.005	0.028	0.02
BC21-29	67.7	68.6	0.9	100	94	182	23	na	na	na
BC21-29	68.6	70	1.4	100	47	48	36	na	na	na
BC21-29	70	71.25	1.25	100	32	55	41	na	na	na
BC21-29	71.25	72.3	1.05	100	59	46	50	na	na	na
BC21-29	72.3	73.4	1.1	100	64	71	49	na	na	na
BC21-29	73.4	74.5	1.1	100	79	52	48	na	na	na
BC21-29	74.5	75.6	1.1	100	35	83	39	na	na	na
BC21-29	75.6	76.9	1.3	100	49	49	14	na	na	na
BC21-29	76.9	78	1.1	100	51	1350	17	na	na	na
BC21-29	78	79.05	1.05	100	14	18	19	na	na	na
BC21-29	84.75	86	1.25	100	520	62	63	na	na	na
BC21-29	86	87.2	1.2	100	342	71	54	na	na	na
BC21-30	32.15	32.95	0.8	100	374	73	77	na	na	na
BC21-30	39.2	40.1	0.9	100	656	84	71	na	na	na
BC21-30	50.5	51.45	0.95	100	1580	404	120	<0.005	0.003	0.003
BC21-30	51.45	52.3	0.85	100	846	180	72	0.011	0.018	0.002
BC21-30	52.3	53.1	0.8	100	1015	214	85	<0.005	0.007	<0.001
BC21-30	53.1	54.1	1	100	354	135	59	0.006	0.005	<0.001
BC21-30	54.1	55.1	1	100	519	85	60	0.01	0.008	<0.001
BC21-30	55.1	56.1	1	100	197	106	36	<0.005	0.004	0.001
BC21-30	56.1	57	0.9	100	245	374	39	0.007	0.01	0.001
BC21-30	57	58	1	100	634	158	63	<0.005	0.004	0.002
BC21-30	58	59	1	100	1610	549	117	0.029	0.029	0.001
BC21-30	59	60.1	1.1	100	1810	567	125	0.02	0.039	0.003
BC21-30	60.1	61.2	1.1	100	1655	391	111	0.021	0.026	0.013
BC21-30	61.2	62.2	1	100	1815	681	117	0.021	0.043	0.004
BC21-30	62.2	63.2	1	100	1835	907	128	0.043	0.048	0.003
BC21-30	63.2	63.9	0.7	100	367	241	63	<0.005	0.005	0.005
BC21-30	63.9	65	1.1	100	3260	2150	215	0.118	0.106	0.016
BC21-30	65	65.8	0.8	100	11250	5340	659	0.217	0.267	0.035
BC21-30	65.8	66.61	0.81	100	15800	9280	937	0.263	0.37	0.051
BC21-30	66.61	67.4	0.79	100	3110	2720	257	0.126	0.42	0.013
BC21-30	67.4	68.4	1	100	2130	5920	147	<0.005	0.034	0.018
BC21-30	68.4	69	0.6	100	294	591	26	<0.005	0.008	0.008
BC21-30	69	69.9	0.9	100	685	58	68	0.01	0.007	0.001
BC21-30	69.9	70.9	1	100	793	829	40	<0.005	0.012	0.004
BC21-30	70.9	71.95	1.05	100	936	1965	56	<0.005	0.01	0.011
BC21-30	71.95	72.25	0.3	100	23000	4990	1280	0.717	1.52	0.018
BC21-30	72.25	73.15	0.9	100	610	1965	43	<0.005	0.004	0.018
BC21-30	73.15	73.95	0.8	100	353	2110	24	<0.005	0.005	0.008
BC21-30	73.95	75	1.05	100	69	77	46	na	na	na
BC21-30	75	76	1	100	72	148	53	na	na	na
BC21-30	76	76.9	0.9	100	114	133	45	na	na	na
BC21-30	85.8	86.9	1.1	100	9	10	15	na	na	na
BC21-30	87.8	88.7	0.9	100	56	33	26	na	na	na
BC21-31	48.25	49.25	1	100	295	63	49	na	na	na
BC21-31	49.25	50.5	1.25	100	270	80	56	na	na	na
BC21-31	56.5	57.6	1.1	100	576	496	35	<0.005	0.013	0.005
BC21-31	57.6	58.28	0.68	100	14250	2220	779	0.373	0.292	0.014
BC21-31	58.28	59.3	1.02	100	1300	1520	90	0.008	0.046	0.037
BC21-31	59.3	60.72	1.42	100	345	445	50	0.011	0.022	0.008
BC21-31	60.72	61.8	1.08	100	658	2290	30	<0.005	0.016	0.027
BC21-31	61.8	62.85	1.05	100	1160	2340	36	<0.005	0.032	0.025
BC21-31	62.85	63.85	1	100	239	466	14	na	na	na
BC21-31	70.5	71.5	1	100	70	26	44	na	na	na

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-31	71.5	72.5	1	100	57	35	43	na	na	na
BC21-31	72.5	73.5	1	100	93	21	42	na	na	na
BC21-31	73.5	74.5	1	100	16	13	24	na	na	na
BC21-31	74.5	75.5	1	100	6	10	12	na	na	na
BC21-31	75.5	76.7	1.2	100	117	30	37	na	na	na
BC21-32	24.4	25.6	1.2	100	500	63	61	na	na	na
BC21-32	25.6	26.8	1.2	100	118	104	21	na	na	na
BC21-32	26.8	27.8	1	60	263	105	52	na	na	na
BC21-32	27.8	28.8	1	100	223	146	45	na	na	na
BC21-32	28.8	29.8	1	100	159	150	42	na	na	na
BC21-32	29.8	30.8	1	100	163	52	41	na	na	na
BC21-32	30.8	31.35	0.55	100	159	440	55	na	na	na
BC21-32	31.35	32.8	1.45	100	89	266	23	na	na	na
BC21-32	32.8	34.1	1.3	100	958	542	77	<0.005	0.015	0.002
BC21-32	34.1	35.1	1	100	516	368	56	0.005	0.009	0.001
BC21-32	35.1	36.1	1	100	196	213	20	0.005	0.004	0.001
BC21-32	36.1	37.1	1	100	592	545	55	<0.005	0.013	0.004
BC21-32	37.1	37.8	0.7	100	293	100	40	<0.005	0.003	0.002
BC21-32	37.8	38.8	1	100	123	108	18	0.007	0.004	0.004
BC21-32	40.8	41.8	1	100	553	129	61	na	na	na
BC21-32	41.8	42.4	0.6	100	426	128	53	na	na	na
BC21-32	50.4	51.4	1	100	305	73	42	na	na	na
BC21-32	51.4	52.4	1	100	93	99	44	na	na	na
BC21-32	52.4	53.5	1.1	100	87	73	43	na	na	na
BC21-32	60.1	61.1	1	100	110	46	22	na	na	na
BC21-32	61.1	62.1	1	100	41	28	22	na	na	na
BC21-32	62.1	63.1	1	100	4	24	21	na	na	na
BC21-32	63.1	63.8	0.7	100	113	28	30	na	na	na
BC21-33	49.1	50.47	1.37	100	383	702	53	<0.005	0.05	0.004
BC21-33	50.47	51.15	0.68	100	32700	3710	1950	0.014	0.425	0.01
BC21-33	51.15	52.05	0.9	100	844	1340	53	<0.005	0.006	0.014
BC21-33	58.6	59.6	1	100	11	15	17	na	na	na
BC21-33	59.6	60.5	0.9	100	10	20	16	na	na	na
BC21-33	60.5	61.5	1	100	561	44	61	na	na	na
BC21-33	63.6	65.1	1.5	100	154	32	38	na	na	na
BC21-34	34.8	35.9	1.1	100	259	136	49	<0.005	0.002	0.001
BC21-34	35.9	37	1.1	100	410	105	63	0.006	0.006	0.001
BC21-34	37	38	1	100	747	131	80	0.008	0.007	0.002
BC21-34	38	39	1	100	885	219	86	0.01	0.01	0.002
BC21-34	39	40	1	100	967	167	86	0.013	0.012	0.001
BC21-34	40	41	1	100	1160	240	99	0.013	0.019	0.004
BC21-34	41	42	1	100	1390	260	108	0.023	0.031	0.002
BC21-34	42	43	1	100	1650	751	118	0.027	0.033	0.018
BC21-34	43	44	1	100	1270	187	104	0.021	0.022	0.002
BC21-34	44	45	1	100	1320	235	110	0.017	0.02	0.003
BC21-34	45	46	1	100	1340	165	110	0.011	0.018	0.002
BC21-34	46	47	1	100	1440	159	111	0.01	0.015	0.004
BC21-34	47	48	1	100	1380	134	111	0.006	0.011	0.002
BC21-34	48	49	1	100	1520	216	110	0.007	0.013	0.003
BC21-34	49	49.8	0.8	100	2080	558	144	0.018	0.03	0.008
BC21-34	49.8	50.9	1.1	100	1760	522	132	0.021	0.027	0.008
BC21-34	50.9	52	1.1	100	1940	559	135	0.02	0.024	0.006
BC21-34	52	53	1	100	1640	531	127	0.013	0.02	0.005
BC21-34	53	54	1	100	1720	455	122	0.011	0.019	0.003
BC21-34	54	55	1	100	1520	446	111	0.008	0.015	0.003
BC21-34	55	56	1	100	1810	735	130	0.027	0.025	0.003
BC21-34	56	57	1	100	2670	2210	180	0.045	0.067	0.007
BC21-34	57	58	1	100	1540	638	110	0.026	0.035	0.002
BC21-34	58	59	1	100	2300	1230	166	0.043	0.063	0.006
BC21-34	59	60	1	100	2910	1910	184	0.069	0.103	0.035
BC21-34	60	61.35	1.35	100	1900	1040	138	0.042	0.056	0.008
BC21-34	61.35	62.3	0.95	100	623	361	69	<0.005	0.005	0.008
BC21-34	62.3	63.3	1	100	2540	2560	170	0.088	0.095	0.062
BC21-34	63.3	64.5	1.2	100	2020	1700	158	0.05	0.067	0.019
BC21-34	64.5	65.72	1.22	100	3760	2330	269	0.105	0.117	0.017
BC21-34	65.72	66.7	0.98	100	8300	7340	558	0.231	0.281	0.035
BC21-34	66.7	67.7	1	100	10350	11300	662	0.257	0.321	0.035
BC21-34	67.7	68.7	1	100	9350	4240	594	0.246	0.11	0.034
BC21-34	68.7	69.28	0.58	100	7790	6950	481	0.271	0.162	0.014
BC21-34	69.28	69.85	0.57	100	27300	5520	1710	0.656	0.982	0.019
BC21-34	69.85	71.15	1.3	100	954	3730	70	0.009	0.016	0.014
BC21-34	71.15	72.5	1.35	100	533	2870	23	<0.005	0.015	0.002
BC21-34	72.5	73.5	1	100	115	106	13	<0.005	0.002	0.002
BC21-35	3	4	1	100	12700	6000	526	0.106	0.103	0.016
BC21-35	4	5	1	100	2500	1840	164	0.019	0.023	0.006
BC21-35	5	6.3	1.3	100	3710	2880	204	0.084	0.079	0.024
BC21-35	6.3	6.95	0.65	100	1790	3230	120	0.074	0.12	0.033
BC21-35	6.95	8	1.05	100	4260	2620	289	0.068	0.069	0.017
BC21-35	8	9	1	100	4090	2680	326	0.048	0.044	0.037
BC21-35	9	10	1	100	4210	3880	299	0.103	0.066	0.101
BC21-35	10	11	1	100	3070	1660	227	0.031	0.035	0.026
BC21-35	11	12	1	100	2060	978	124	0.025	0.021	0.006
BC21-35	12	13	1	100	2770	1530	202	0.022	0.029	0.009
BC21-35	13	14	1	100	2310	987	150	0.018	0.021	0.008
BC21-35	14	15	1	100	2120	1320	164	0.024	0.025	0.014
BC21-35	15	16.3	1.3	100	1460	642	132	0.034	0.018	0.002
BC21-35	17	18.6	1.6	75	2400	1330	154	0.027	0.038	0.005

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-35	18.6	19.6	1	100	1050	205	77	<0.005	0.003	0.001
BC21-35	19.6	20.6	1	100	1030	239	100	0.009	0.012	<0.001
BC21-35	20.6	21.6	1	100	1520	483	127	0.007	0.01	0.001
BC21-35	21.6	22.65	1.05	100	1770	383	116	0.011	0.012	0.001
BC21-35	23.5	24.5	1	100	813	150	74	<0.005	0.004	0.003
BC21-35	24.5	25.5	1	100	439	70	62	<0.005	0.003	0.002
BC21-35	25.5	26.55	1.05	100	892	269	69	0.006	0.007	0.008
BC21-35	26.55	27.7	1.15	100	1350	265	108	<0.005	0.005	<0.001
BC21-35	27.7	28.7	1	100	1370	388	118	0.007	0.009	0.002
BC21-35	28.7	29.7	1	100	1170	257	86	0.005	0.005	0.002
BC21-35	29.7	30.7	1	100	1680	340	106	<0.005	0.005	0.002
BC21-35	30.7	31.7	1	100	1470	256	91	0.008	0.01	0.004
BC21-35	31.7	32.8	1.1	100	1580	564	117	0.018	0.025	0.004
BC21-35	32.8	34	1.2	100	1690	747	127	0.027	0.037	0.006
BC21-35	34	35	1	100	1690	665	114	0.023	0.023	0.005
BC21-35	35	36	1	100	1330	148	92	<0.005	0.001	0.002
BC21-35	36	37	1	100	1300	243	90	<0.005	0.007	0.002
BC21-35	37	38.3	1.3	100	1830	805	126	0.031	0.037	0.004
BC21-35	38.3	39.6	1.3	100	3000	3050	188	0.08	0.082	0.008
BC21-35	39.6	40.18	0.58	100	14850	8210	795	0.262	0.376	0.027
BC21-35	40.18	40.86	0.68	100	23700	14000	1370	0.77	0.599	0.072
BC21-35	40.86	41.6	0.74	100	16500	23200	945	0.426	0.633	0.053
BC21-35	41.6	41.9	0.3	100	2310	14300	171	0.227	0.099	0.041
BC21-35	41.9	43	1.1	100	248	1290	31	<0.005	0.003	0.005
BC21-35	43	44	1	100	60	52	13	<0.005	<0.001	0.002
BC21-36	7	8	1	100	146	83	36	na	na	na
BC21-36	8.4	9	0.6	100	155	89	33	na	na	na
BC21-36	9	10	1	100	175	82	40	na	na	na
BC21-36	10	11.2	1.2	100	195	92	44	na	na	na
BC21-36	17.4	18.4	1	100	180	57	24	na	na	na
BC21-36	24.8	26.1	1.3	100	465	84	53	na	na	na
BC21-36	34.35	35.5	1.15	100	686	44	70	na	na	na
BC21-36	50.5	51.5	1	100	6	14	8	na	na	na
BC21-36	51.5	52.3	0.8	100	14	20	8	na	na	na
BC21-36	57.5	58.5	1	100	5	9	22	na	na	na
BC21-36	63.9	64.7	0.8	100	65	58	30	na	na	na
BC21-37	14.15	15.2	1.05	100	1810	211	109	0.008	0.008	0.024
BC21-37	15.2	16.3	1.1	100	1960	298	125	0.008	0.008	0.004
BC21-37	16.3	17.3	1	100	1520	249	102	<0.005	0.005	0.002
BC21-37	17.3	18.4	1.1	100	2370	403	121	0.012	0.011	0.002
BC21-37	18.4	19.7	1.3	100	795	165	65	0.005	0.008	0.001
BC21-37	19.7	20.9	1.2	100	1870	330	114	0.006	0.012	0.002
BC21-37	20.9	22.1	1.2	100	5380	3870	213	0.234	0.139	0.13
BC21-37	22.1	23	0.9	100	8680	5050	401	0.325	0.095	0.095
BC21-37	23.3	23.68	0.38	100	34800	10700	1310	0.223	0.14	0.017
BC21-37	23.68	24	0.32	100	6390	6520	391	0.624	0.22	0.023
BC21-37	24.6	24.9	0.3	100	3110	4170	136	0.542	0.159	0.016
BC21-37	24.9	25.9	1	100	3640	2550	166	0.063	0.042	0.011
BC21-37	25.9	27.2	1.3	100	1670	1620	76	<0.005	0.007	0.006
BC21-37	50	51.3	1.3	100	1160	739	59	<0.005	0.02	0.003
BC21-37	51.3	51.93	0.63	100	16300	12800	909	0.674	0.815	0.035
BC21-37	51.93	53	1.07	100	303	1490	26	<0.005	0.01	0.004
BC21-38	24.55	25.6	1.05	100	1405	317	115	na	na	na
BC21-38	25.6	26.4	0.8	100	1520	333	107	na	na	na
BC21-38	26.4	28	1.6	100	1350	445	121	na	na	na
BC21-38	28	29.2	1.2	100	1100	275	120	na	na	na
BC21-38	29.2	30.2	1	100	1355	453	107	na	na	na
BC21-38	30.2	31.2	1	100	1695	434	110	na	na	na
BC21-38	31.2	32.3	1.1	100	1115	620	156	na	na	na
BC21-38	33	34	1	100	958	447	125	na	na	na
BC21-38	34	35	1	100	1590	719	126	na	na	na
BC21-38	35	36.1	1.1	100	1765	378	152	na	na	na
BC21-38	39.3	40.9	1.6	100	1500	1170	66	0.049	0.032	0.004
BC21-38	40.9	42.15	1.25	100	64	423	13	<0.005	0.001	0.001
BC21-38	42.15	43.2	1.05	100	505	151	69	<0.005	0.004	0.002
BC21-38	43.2	43.9	0.7	100	1860	992	134	0.037	0.037	0.007
BC21-38	43.9	44.68	0.78	100	8440	5210	509	0.246	0.294	0.044
BC21-38	44.68	45.9	1.22	100	10450	8660	636	0.531	0.663	0.16
BC21-38	45.9	47.2	1.3	100	11600	6970	688	0.327	0.241	0.057
BC21-38	47.2	48.63	1.43	100	6160	4290	369	0.379	0.227	0.046
BC21-38	48.63	49.1	0.47	100	19100	7810	1040	1.055	0.843	0.065
BC21-38	49.1	49.4	0.3	100	9090	2980	534	0.491	0.178	0.024
BC21-38	49.4	49.7	0.3	100	24400	7640	1390	1.47	0.518	0.075
BC21-38	49.7	50	0.3	100	10850	5540	621	0.397	0.172	0.034
BC21-38	50	51	1	100	1060	4100	74	<0.005	0.02	0.039
BC21-38	51	52.1	1.1	100	193	371	15	<0.005	0.003	0.002
BC21-38	52.9	53.9	1	100	274	48	45	na	na	na
BC21-38	53.9	54.9	1	100	82	59	40	na	na	na
BC21-38	54.9	55.9	1	100	1700	782	132	na	na	na
BC21-38	55.9	56.9	1	100	299	140	42	na	na	na
BC21-38	56.9	57.9	1	100	46	90	39	na	na	na
BC21-38	57.9	58.9	1	100	49	54	39	na	na	na
BC21-40	32.5	33.5	1	100	270	117	38	na	na	na
BC21-40	33.5	34.6	1.1	100	1110	117	80	na	na	na
BC21-40	34.6	35.6	1	100	125	433	50	na	na	na
BC21-40	35.6	36.6	1	100	308	178	50	na	na	na
BC21-40	36.6	37.5	0.9	100	275	289	55	na	na	na

Hole	From (m)	To (m)	Interval (m)	Recovery (%)	Ni (ppm)	Cu (ppm)	Co (ppm)	Pt (g/t)	Pd (g/t)	Au (g/t)
BC21-40	37.5	38.3	0.8	100	2450	774	127	0.02	0.027	0.003
BC21-40	38.3	39	0.7	100	2160	1140	135	0.027	0.042	0.003
BC21-40	39	40.2	1.2	100	3710	7130	204	0.09	0.072	0.005
BC21-40	40.2	41.3	1.1	100	1930	722	120	0.028	0.025	0.004
BC21-40	41.3	42.55	1.25	100	3260	3270	168	0.045	0.065	0.012
BC21-40	42.55	43	0.45	100	14800	4540	648	0.243	0.465	0.025
BC21-40	43	43.4	0.4	100	21800	19250	961	0.37	0.469	0.072
BC21-40	43.4	43.7	0.3	100	15100	1090	691	0.252	0.273	0.013
BC21-40	43.7	44.05	0.35	100	3980	2140	197	0.105	0.089	0.008
BC21-40	44.05	44.5	0.45	100	2450	5730	148	0.045	0.081	0.104
BC21-40	44.5	45.5	1	100	2690	579	152	0.097	0.095	0.009
BC21-40	45.5	46.5	1	100	1425	525	89	0.019	0.027	0.002
BC21-40	46.5	47.6	1.1	100	940	614	78	0.012	0.021	0.011
BC21-40	47.6	48.6	1	100	2330	1050	119	0.044	0.055	0.017
BC21-40	48.6	49.6	1	100	2930	1490	162	0.053	0.075	0.013
BC21-40	49.6	50.7	1.1	100	1600	694	105	0.024	0.029	0.005
BC21-40	50.7	51.8	1.1	100	1525	726	102	0.021	0.025	0.006
BC21-40	51.8	52.65	0.85	100	3060	1350	179	0.086	0.125	0.013
BC21-40	52.65	53.6	0.95	100	1365	1100	90	0.232	0.206	0.058
BC21-40	53.6	54.3	0.7	100	1585	1220	103	0.079	0.041	0.007
BC21-40	54.3	55.2	0.9	100	660	1130	41	<0.005	0.007	0.002
BC21-42	48.4	49.5	1.1	100	209	132	56	na	na	na
BC21-42	49.5	50.6	1.1	100	334	62	55	na	na	na
BC21-42	50.6	51.85	1.25	100	359	70	57	na	na	na
BC21-42	57.4	58.3	0.9	100	201	74	53	na	na	na
BC21-42	65.9	66.9	1	100	198	66	40	<0.005	0.002	<0.001
BC21-42	77.05	78.35	1.3	100	606	284	57	<0.005	0.005	0.001
BC21-42	78.35	79.2	0.85	100	1070	2140	84	0.054	0.024	0.024
BC21-42	79.2	80	0.8	100	20400	2500	1140	0.309	0.931	0.02
BC21-42	80	80.65	0.65	100	837	1570	60	<0.005	0.013	0.004
BC21-42	80.65	81.8	1.15	100	186	680	24	<0.005	0.007	0.004
BC21-42	81.8	83	1.2	100	117	106	26	<0.005	0.001	0.001

**Appendix One**

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**Section 1 Sampling Techniques and Data**

The notes compiled here specifically relate to the drilling, sampling and results included in Table 4 above (BC21-16 – BC21-42), as well as relating to the statements made regarding visual estimates for hole BC21-66/68/72. Previous drilling results are explained in previous ASX announcements.

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. 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.</li> <li>Measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>Assays are reported for 27 diamond core drill holes for a total of 2,644m of drilling.</li> <li>The drill core was cut by diamond core saw and continuous quarter (NQ &amp; HQ) core sample taken for assay according to lithological criteria in intervals ranging from 0.25 m to 1.8 m with a mean of 0.99 m.</li> <li>Sample weights for assay ranged from approx. 0.29 kg to 2.74 kg with a mean of c. 1.27 kg.</li> <li>Drilling and sampling were both supervised by a suitably qualified geologist.</li> <li>For the Company's best understanding of previous owner's drilling please refer to previous Blackstone Minerals' announcements to the ASX and additionally available from <a href="http://blackstoneminerals.com.au">http://blackstoneminerals.com.au</a>.</li> <li>Visually estimated sulfide abundances are presented for (3) diamond core drill holes for a total depth of 321m of drilling at Ban Chang.</li> <li>The drill core was logged and visual abundances estimated by suitably qualified Ban Phuc Nickel Mines geologists. The presence of Ni and Cu has been confirmed using a Niton Portable XRF device.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is orientated and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>The drilling was of HQ (64mm) and NQ (48mm) diameter and was conducted by drilling contractor Intergeo using Longyear diamond coring rigs.</li> <li>Selected core runs were orientated with a REFLEX ACTIII or spear tools.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Recoveries were calculated by Ban Phuc Nickel Mines personnel by measuring recovered core length vs downhole interval length.</li> <li>Drill core recovery through the reported mineralised zones was ranged from 60% to 100%, with the length-weighted mean being &gt;99% (see Table 4).</li> <li>There is no discernible correlation between grades and core recovery.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation,</li> </ul>	<ul style="list-style-type: none"> <li>All of the drill core was qualitatively geologically logged by a suitably qualified Ban Phuc Nickel Mines geologist. Sulfide mineral abundances were visually estimated.</li> <li>The detail of geological logging is considered sufficient for mineral exploration.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>27 holes for 2,644m were logged and 449 m selected for assay on the basis of the visual presence of sulfides.</li> <li>For the visually estimated sulfide abundances (3 diamond drill holes), the presence of Ni and Cu was confirmed using a Niton portable XRF during geological logging. The detail of geological logic is considered sufficient for mineral exploration.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>The drill core was cut lengthwise by diamond core saw and continuous half or quarter core sample bagged for assay in intervals according to lithological criteria determined by a Ban Phuc Nickel Mines geologist. Sampling intervals ranged from 0.25 m to 1.8 m with a mean of 0.99 m. Continuous remnant core has been retained in the trays for future reference or sampling as necessary. Duplicate quarter core samples were collected.</li> <li>Sample weights for assay ranged from approx. 0.29 to 2.74 kg with a mean of c. 1.27 kg.</li> <li>The bagged core samples were submitted to SGS Hai Phong, Vietnam ('SGS') where the quarter core samples were dried and crushed to -5 mm, then a 250 g was split from each and pulverised to 85 % passing 75 microns to produce the analytical pulps which were then dispatched to ALS Geochemistry, Perth WA ('ALS') for assay.</li> <li>For the visually estimated sulfide abundances (3 diamond drill holes) the presence of Ni and Cu in the logged sulfide zones was confirmed by non-destructive spot analyses using a Niton portable XRF device. Factory calibration settings were used. The drill core from these three diamond drill holes is being and sampled and submitted to commercial assay laboratories for preparation and assay.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>Ni, Cu and Co were determined at ALS by industry standard nitric + perchloric + hydrofluoric + hydrochloric acid digest with ICP-AES finish.</li> <li>Pt, Pd and Au were determined at ALS by industry standard 50 g fire assay and ICP-AES finish.</li> <li>Approx. one commercially certified assay standard per 25 core samples was inserted by Blackstone Minerals in each sample submission.</li> <li>With respect to the certified reference materials submitted and tested - all standards reported within the following variance of the certified value: <ul style="list-style-type: none"> <li>9 % for Ni (mean difference 2%)</li> <li>14 % for Cu (mean difference 3%)</li> <li>7 % for Co (mean difference 2%)</li> <li>14% Pt (mean difference 3%)</li> <li>16% Pd (mean difference 3%)</li> <li>12% Au (mean difference 3%)</li> </ul> </li> <li>Approximately one crushed rock blank per 25 samples was included in the submission and reported below 25 ppm for Ni, Cu and Co, and on the detection limit (0.001ppm) or less than the test detection limit (&lt;0.001) for Au, Pt and Pd.</li> <li>Quarter core duplicates were included at a rate of approx. 1 per 25 samples and sampling error is considered acceptable.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data</li> </ul>	<ul style="list-style-type: none"> <li>The assay results are compatible with the observed mineralogy, historic mining and exploration results (please refer to previous Blackstone Minerals' announcements to the ASX and additionally available from <a href="http://blackstoneminerals.com.au">http://blackstoneminerals.com.au</a>).</li> <li>Twinned holes were not used.</li> <li>Primary data is stored and documented in industry standard ways.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<p>verification, data storage (physical and electronic) protocols.</p> <ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Assay data is as reported by ALS and has not been adjusted in any way.</li> <li>Remnant assay pulps are currently held in storage by the assay laboratory.</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole collar location was determined by Leica 1203+ total station survey to centimetre accuracy.</li> <li>The holes were down hole orientation surveyed using a Deviflex non-magnetic survey tool.</li> <li>Co-ordinates were recorded in Ban Phuc Mine Grid and UTM Zone 48N WGS84 grid and coordinate system.</li> <li>Topographic control is provided by a precision Ban Phuc Nickel Mines Digital Terrain Model.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>The drilling is within and peripheral to a previously broadly drilled (50m &gt; 100m drill spacing)</li> <li>Drilling was conducted on the Ban Phuc Mine Grid.</li> <li>All visibly altered or mineralised zones in the drill core were sampled and assayed (see above). Non-composited data is reported.</li> <li>It is anticipated that the new reported drill results will be incorporated into a resource estimate for Ban Chang.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Previous drilling and interpretation indicate the reported drill holes are suitably orientated to test the target zones.</li> <li>Structural orientations determined from drill core suggest the reported sulfide intervals are close to true thickness</li> <li>Relevant cross sections are included in the announcement.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>The chain of custody for the drill core samples from collection to dispatch to the assay laboratory was managed by Ban Phuc Nickel Mines personnel. Sample numbers were unique and did not include any locational information useful to non-Ban Phuc Nickel Mines and non-Blackstone Minerals personnel. The level of security is considered appropriate.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>The assay results agree well with the observed mineralogy, historic mining and exploration results (refer to previous Blackstone Minerals announcements to the ASX and additionally available from <a href="http://blackstoneminerals.com.au">http://blackstoneminerals.com.au</a>).</li> <li>Further drilling is planned to refine the shape and extents of the mineralised zones.</li> </ul>

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The drilling was located within the Ta Khoa Concession and is covered by the Foreign Investment Licence, 522 G/P, which Ban Phuc Nickel Mines Joint Venture Enterprise (BPNMJVE) was granted on January 29<sup>th</sup>, 1993. An Exploration Licence issued by the Ministry of Natural Resources and Environment covering 34.8 km<sup>2</sup> within the Ta Khoa Concession is currently in force. Blackstone Minerals Limited owns 90% of Ban Phuc Nickel Mines.</li> </ul>

Criteria	Explanation	Commentary
	<ul style="list-style-type: none"> <li>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.</li> </ul>	
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>The first significant work on the Ban Phuc nickel deposit and various adjacent prospects including Ban Chang was by the Vietnamese Geological Survey in the 1959-1963 period. The next significant phase of exploration and mining activity was by Asian Mineral Resources from 1996 to 2018, including mining of the Ban Phuc massive sulfide vein mining during the 2013 to 2016 period. The project, plant and infrastructure has been on care and maintenance since 2016.</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The late Permian Ta Khoa nickel-copper-sulfide deposits and prospects are excellent examples of the globally well-known and economically exploited magmatic nickel - copper sulfide deposits. The identified nickel and copper sulfide mineralisation within the project include disseminated, net texture and massive sulfide types. The disseminated and net textured mineralisation occurs within dunite adcumulate intrusions, while the massive sulfide veins typically occur in the adjacent metasedimentary wall-rocks and usually associated with narrow ultramafic dykes. For more detail of the deposit and regional geology see Mapleson and Grguric N43-101 Technical Report on the Ta Khoa (Ni Cu Co PGE) Prospects Son La Province, Vietnam available from System for Electronic Document Analysis and Retrieval (<a href="http://www.sedar.com">www.sedar.com</a>) for Asian Minerals Resources Limited. A recent summary of the geology of the Ban Phuc intrusion can be found in Wang et al 2018, A synthesis of magmatic Ni-Cu-(PGE) sulfide deposits in the ~260 Ma Emeishan large igneous province, SW China and northern Vietnam, Journal of Asian Earth Sciences 154.</li> </ul>
Drill hole Information	<p>CA summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</p> <ul style="list-style-type: none"> <li>o easting and northing of the drill hole collar;</li> <li>o elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar;</li> <li>o dip and azimuth of the hole</li> <li>o down hole length and interception depth;</li> <li>o hole length.</li> </ul> <ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole coordinates, depth, orientation, hole length and assay results are given in Tables 3 and 4.</li> <li>For the Company's best understanding of previous owners drilling please refer to previous Blackstone Minerals announcements to the ASX and additionally available from <a href="http://blackstoneminerals.com.au">http://blackstoneminerals.com.au</a></li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should</li> </ul>	<ul style="list-style-type: none"> <li>Assay results given in Table 4 represent the drill core intervals as sampled and assayed.</li> <li>Upper cuts have not been applied.</li> <li>Metal equivalent values are not used.</li> </ul>

Criteria	Explanation	Commentary
	<p>be stated and some typical examples of such aggregations should be shown in detail.</p> <ul style="list-style-type: none"> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>All intervals reported in Table 3 are down hole.</li> <li>Structural orientations determined from orientated drill core suggest that the reported intersections and intervals are &gt;80% of the true thickness for Ban Chang</li> <li>Appropriate drill sections are included in the body of this release.</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate exploration plan and sections are included in the body of this release.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All drill results given in Table 4 represent the intervals as sampled and assayed.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate exploration plan and sections are included in the body of this release.</li> <li>For the Company's best understanding of previous owners drilling please refer to previous Blackstone Minerals announcements to the ASX and additionally available from <a href="http://blackstoneminerals.com.au">http://blackstoneminerals.com.au</a></li> </ul>
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Blackstone Minerals proposes to conduct further drilling and associated activities to better define and extend the identified mineralised zones.</li> <li>An appropriate exploration plan is included in the body of this release.</li> </ul>