

1 August 2022

Assay results uncover additional mineralisation at Halls Peak

Highlights

- Assays confirm further zinc, lead, copper and silver-bearing zones of sulphide mineralisation
- Strong mineralisation at depth expands potential of the Halls Peak System
- Builds on prior assays confirming base metal sulphide mineralisation that lies outside the previously known mineralisation of the Gibsons prospect
- Continued drilling focused on identifying extent of mineralisation

Critical Resources Limited (ASX:CRR) (“Critical Resources” or “the Company”) is pleased to announce the latest assay results from its drilling campaign at the Gibsons Prospect (“Gibsons”) within the 100 per cent-owned Halls Peak Project (“the Project”) in New South Wales, Australia.

Assay results from diamond drill holes CRR21DD_17 (“Hole 17”), CRR21DD_18 (“Hole 18”) and CRR21DD_11B (“Hole 11B”) show that all intersected further zinc, lead, copper and silver-bearing zones of sulphide mineralisation, building on earlier successes reported in recent months. Detailed assay results are attached as Appendix 1.

Hole 18 was in an emerging zone of newly discovered mineralisation, which lies outside the previously known mineralisation within the Gibsons prospect of the Project, while Hole 17 also tested a new area outside the known mineralisation.

The strong mineralisation at depth continues to expand the potential of the Halls Peak System – a large mineralised system with numerous widespread high-grade zinc-lead-copper-silver deposits.

It also builds on recent drilling by the Company, which has confirmed base metal sulphide mineralisation extending vertically over 300m in the deepest holes drilled.

Cores from completed holes 19 and 20 are currently being assayed at the ALS laboratory in Brisbane with results to be announced in due course.

Continued drilling at Gibsons is focusing on identifying the mineralised extent of the lithology, with the aim of unlocking the full potential of the Halls Peak base metal system.

Critical Resources Chairman Robert Martin commented

“Further intersections at Gibsons of high-grade base and precious metal mineralisation continue to demonstrate the potential of the Halls Peak Project. The vast majority of the lateral and vertical extent at Halls Peak has never been tested by drilling, presenting substantial potential for a World Class Tier 1 discovery in this extremely large mineralised system. We look forward to updating the market with more results as they come to hand.”

This announcement has been approved for release by the Board of Directors.

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ABOUT CRITICAL RESOURCES LIMITED

Critical Resources Limited is a Perth based exploration and development company listed on the Australian Securities Exchange (ASX: CRR), focused on lithium and base metals exploration and project development.

EXPLORATION WORK – COMPETENT PERSONS STATEMENT

The information in this ASX Announcement that relates to Exploration Results is based on information compiled by Mr Michael Leu, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Leu is a full-time employee of Critical Resources Limited. Mr Leu has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Leu consents to the inclusion in this ASX Announcement of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “continue”, and “guidance”, or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management’s good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company’s business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company’s business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company’s control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

NO NEW INFORMATION

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.

Appendix 1: Highlights and Key Results

Drill results highlights includes the following²:

Hole 18: 8.00m @ 4.59% Zn, 1.65% Pb, 0.70% Cu, 98.63g/t Ag, 0.21g/t Au from 183.8-191.80m downhole

Hole 17: 7.2m @ 3.74% Zn, 1.77% Pb, 0.15% Cu, 18.17g/t Ag from 25.1-32.3m downhole

Hole 11B: 1.6m @ 0.36% Zn, 0.03% Pb, 1.54% Cu, 105g/t Ag from 43.2-44.8m downhole

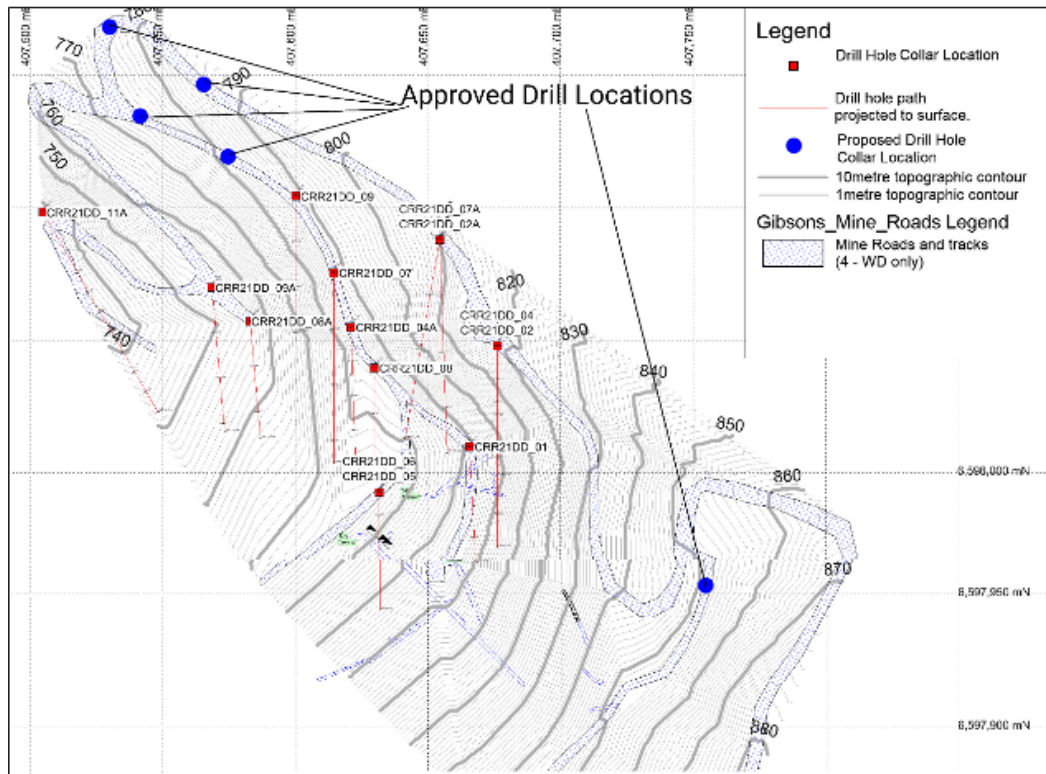


Figure 1: Plan showing Gibsons drill collar locations plus recently approved

Summary of Key Polymetallic Intersections

Hole 18

	From (m)	To (m)	Interval (m)	Ag (g/t)	Au (g/t)	Cu (%)	Pb (%)	Zn (%)
	14.8	54.88	40.08	74.42	0.08		0.46	0.92
Including	23.7	33	9.3	238.4	0.09	0.13	0.99	2.21
	65.51	67.49	1.98	14.16	0.09	0.25	2.74	7.89
	88.09	106.5	18.41	24.32	0.07	0.48	0.91	2.37
Including	102.8	106.5	3.7	22.08	0.16	1.39	2.41	6.06
	105.3	106	0.7	44	0.33	3.45	9.6	21.5
	147.9	155.37	7.47	39.73	0.09	0.17	1.57	4.61
	183.8	191.8	8	98.63	0.21	0.7	1.65	4.59

Hole 11B

From (m)	To (m)	Interval (m)	Ag (g/t)	Au (g/t)	Cu (%)	Pb (%)	Zn (%)
43.2	44.8	1.6	105	0.02	1.54	0.03	0.36

Hole 17

	From	To	Interval					
	(m)	(m)	(m)	Ag (g/t)	Au (g/t)	Cu (%)	Pb (%)	Zn (%)
	25.1	32.8	7.2	18.17	0.06	0.15	1.77	3.74
Including	26.3	27.3	1	50.8	0.03	0.5	5.96	11.35



Figure 2: CRR21DD_018, Portion of sample 42951 (65.51-66.51m downhole) exhibiting beds of massive sulphides – sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 9.41% Zn, 3.47% Pb, 0.25% Cu, 15.75g/t Ag and 0.10g/t Au (NQ core, 50mm diameter)



Figure 3: CRR21DD_018, Portion of sample 42961 (83.77-84.09m downhole) exhibiting beds of massive sulphides – sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 17.65% Zn, 9.53% Pb, 1.36% Cu, 172g/t Ag and 0.67g/t Au (NQ core, 50mm diameter)

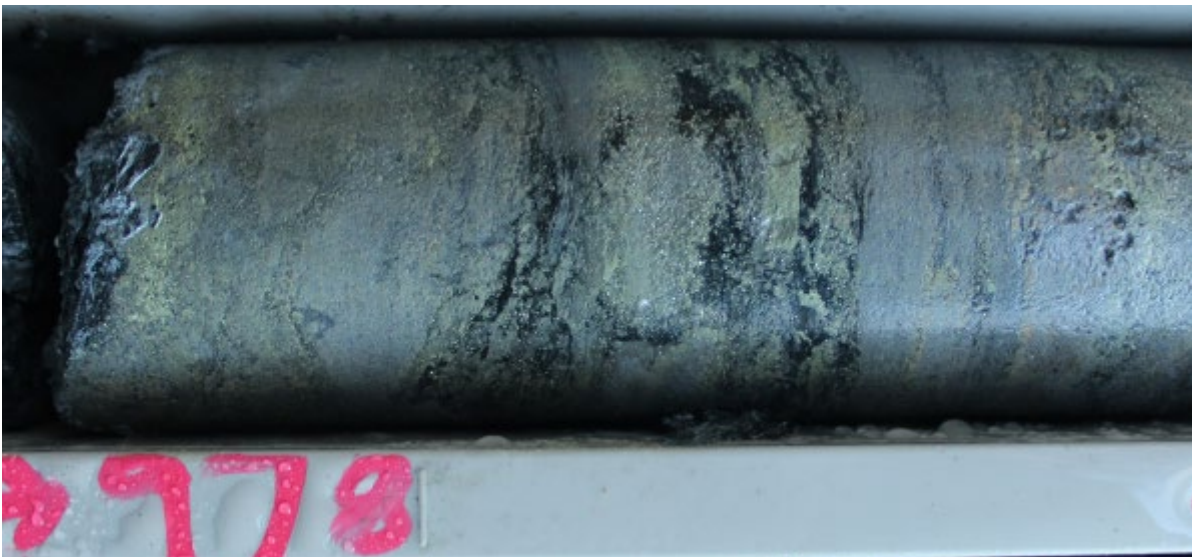


Figure 4a: CRR21DD_018, Portion of sample 42978 (103.58-103.71m downhole) exhibiting beds of massive sulphides – sphalerite (zinc sulphide, pale cream-light yellow brown) and chalcopyrite (copper-iron-sulphide, brassy-yellow), galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 21.10% Zn, 7.28% Pb, 5.40% Cu, 126g/t Ag and 0.37g/t Au, part of the longer downhole interval of 18.41m @ 2.37% Zn, 0.91% Pb, 0.48% Cu, 24.34g/t Ag and 0.07g/t Au from 88.09-106.50m downhole (including 3.7m @ 6.06% Zn, 2.41% Pb, 1.39% Cu, 22.08g/t Ag, 0.16g/t Au from 102.8-106.5m downhole (NQ core, 50mm diameter)

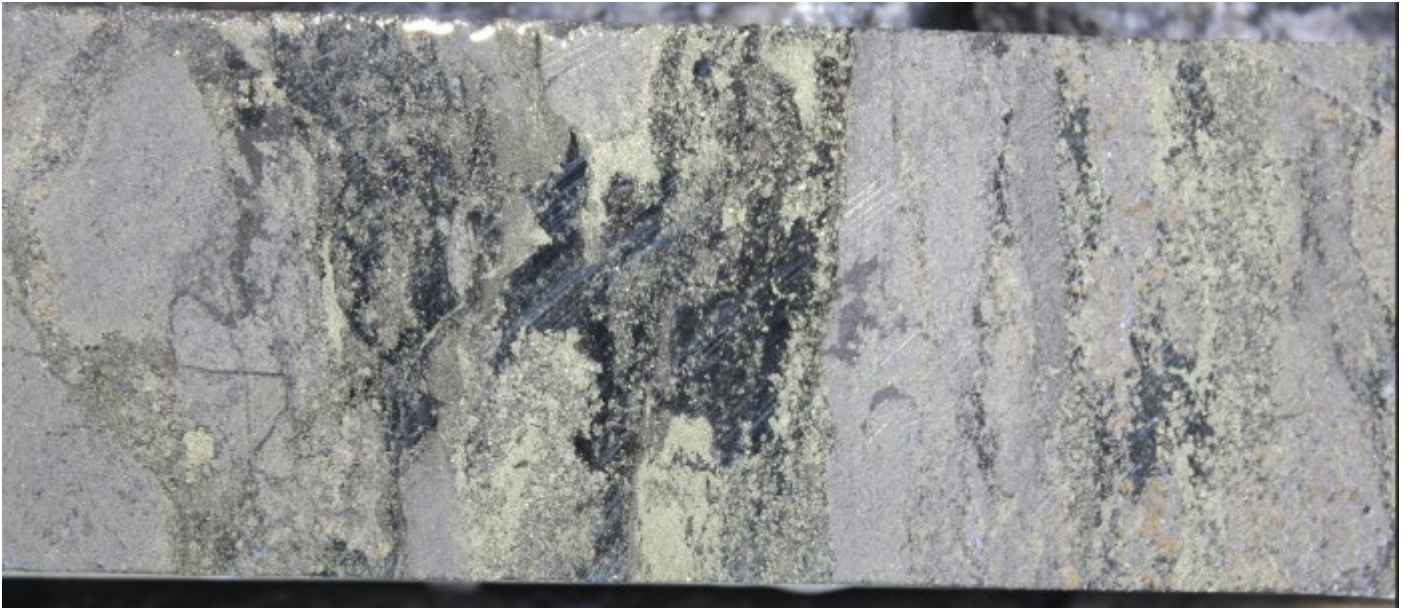


Figure 4b: CRR21DD_018, Portion of sample 42978 above, core sawn longitudinally in half and exhibiting abundant brassy-yellow chalcopyrite (copper-iron-sulphide) - sample assayed 21.10% Zn, 7.28% Pb, 5.40% Cu, 126g/t Ag and 0.37g/t Au (NQ core, 50mm diameter)



Figure 5: CRR21DD_018, Portion of sample 42980 (105.30-106.00m downhole) exhibiting beds of massive sulphides – sphalerite (zinc sulphide, pale cream-light yellow brown) and chalcopyrite (copper-iron-sulphide, brassy-yellow), galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 21.50% Zn, 9.60% Pb, 3.45% Cu, 44g/t Ag and 0.33g/t Au, part of the longer downhole interval of 18.41m @ 2.37% Zn, 0.91% Pb, 0.48% Cu, 24.34g/t Ag and 0.07g/t Au from 88.09-106.50m downhole (including 3.7m @ 6.06% Zn, 2.41% Pb, 1.39% Cu, 22.08g/t Ag, 0.16g/t Au from 102.8-106.5m downhole (NQ core, 50mm diameter)



Figure 6a: CRR21DD_018, Portion of sample 42985 (111.95-113.50m downhole) exhibiting abundant brassy-yellow chalcopyrite (copper-iron-sulphide) - sample assayed 2.95% Cu (NQ core, 50mm diameter)

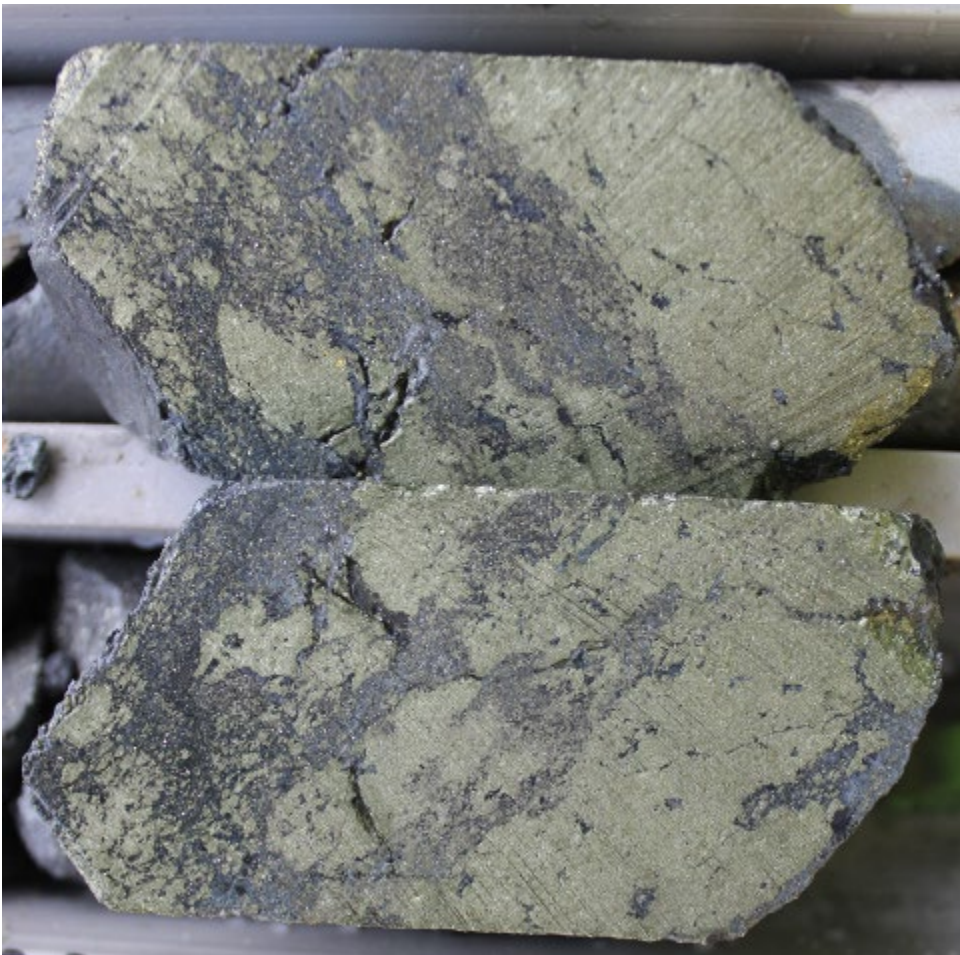


Figure 6b: CRR21DD_018, Portion of sample 42985 above, core sawn longitudinally in half and exhibiting abundant brassy-yellow chalcopyrite (copper-iron-sulphide) – 2.95% Cu (NQ core, 50mm diameter)

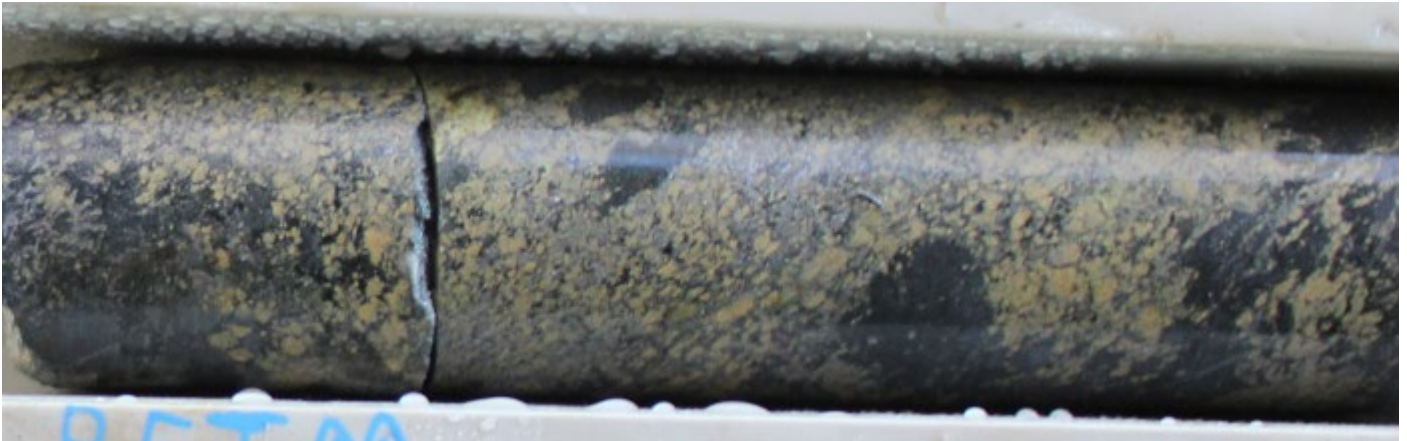


Figure 7a: CRR21DD_018, Portion of sample 43010 (150.80-153.20m downhole) exhibiting base metal sulphides in black carbonaceous pelite – sphalerite (zinc sulphide, pale cream-light yellow brown) and galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 5.51% Zn, 2.57% Pb, 0.27% Cu, 89.90g/t Ag and 0.13g/t Au, part of the longer downhole interval of 7.47m @ 4.61% Zn, 1.57% Pb, 0.17% Cu, 39.73g/t Ag and 0.09g/t Au from 147.90-155.37m downhole (NQ core, 50mm diameter)



Figure 7b: CRR21DD_018, Portion of sample 43010 above, core sawn transversely to exhibit abundant sphalerite (zinc sulphide, pale cream-light yellow brown) in black carbonaceous pelite (NQ core, 50mm diameter)



Figure 7c: CRR21DD_018, Portion of sample 43010 above, core sawn longitudinally to exhibit abundant sphalerite (zinc sulphide, pale cream-light yellow brown) and galena (lead sulphide, silvery-grey) in black carbonaceous pelite (NQ core, 50mm diameter)



Figure 8: CRR21DD_018, Portion of sample 43012 (153.57-155.37m downhole) exhibiting sub-parallel discontinuous beds with blebs sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 7.28% Zn, 1.67% Pb, 0.18% Cu, 16.90g/t Ag and 0.13g/t Au, part of the longer downhole interval of 7.47m @ 4.61% Zn, 1.57% Pb, 0.17% Cu, 39.73g/t Ag and 0.09g/t Au from 147.90-155.37m downhole (NQ core, 50mm diameter)



Figure 9: CRR21DD_018, diamond core from 186.10m-190.54m part of an interval part of the longer downhole interval of 8.00m @ 4.59% Zn, 1.65% Pb, 0.70% Cu, 98.63g/t Ag and 0.21g/t Au from 183.80-191.80m downhole (NQ core, 50mm diameter)

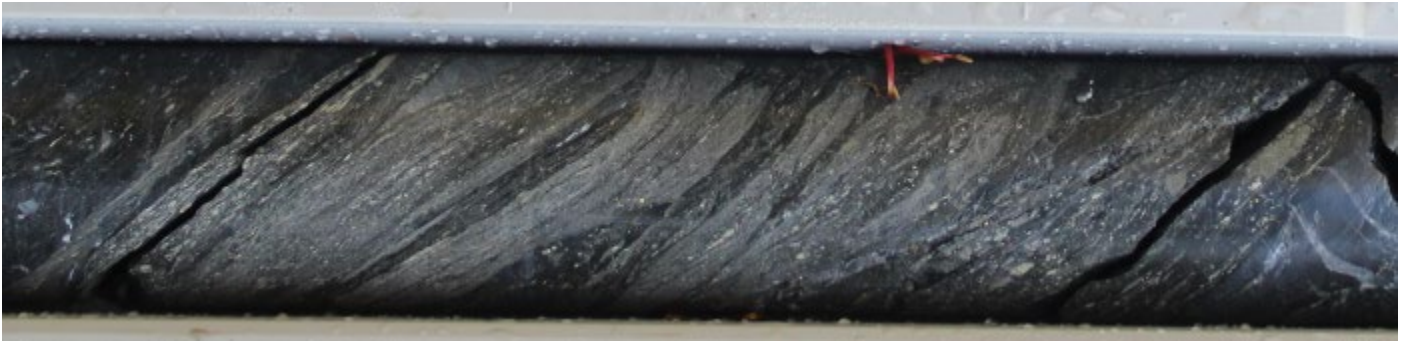


Figure 10: CRR21DD_018, Portion of sample 43032 (189.70-190.54m downhole) exhibiting sub-parallel base metal beds with sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 5.03% Zn, 2.56% Pb, 0.94% Cu, 275g/t Ag and 0.45g/t Au, part of the longer downhole interval of 8.00m @ 4.59% Zn, 1.65% Pb, 0.70% Cu, 98.63g/t Ag and 0.21g/t Au from 183.80-191.80m downhole (NQ core, 50mm diameter)



Figure 11: CRR21DD_018, Portion of sample 43034 (191.15-191.80m downhole) sub-parallel base metal beds with sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 7.70% Zn, 4.58% Pb, 1.15% Cu, 112g/t Ag and 0.38g/t Au, part of the longer downhole interval of 8.00m @ 4.59% Zn, 1.65% Pb, 0.70% Cu, 98.63g/t Ag and 0.21g/t Au from 183.80-191.80m downhole (NQ core, 50mm diameter)



Figure 12: CRR21DD_017, Portion of sample 42880 (26.30-27.30m downhole) exhibiting sub-parallel discontinuous beds of base metal sulphides – sphalerite (zinc sulphide, pale cream-light yellow brown) and lesser galena (lead sulphide, silvery-grey) in black carbonaceous pelite - sample assayed 11.35% Zn, 5.96% Pb, 0.50% Cu, 50.8g/t Ag and 0.03g/t Au, part of the longer downhole interval of 7.20m @ 3.74% Zn, 1.77% Pb, 0.15% Cu, 18.17g/t Ag from 25.10-32.30m downhole (NQ core, 50mm diameter)



Figure 13: CRR21DD_011B, Portion of sample 43075 (43.20-44.80m downhole) exhibiting sheeted veins of pyrite and lesser chalcopyrites (copper sulphide mineral) – sample assayed 1.54% Cu, 0.36% Zn and 105g/t Ag (NQ core, 50mm diameter)

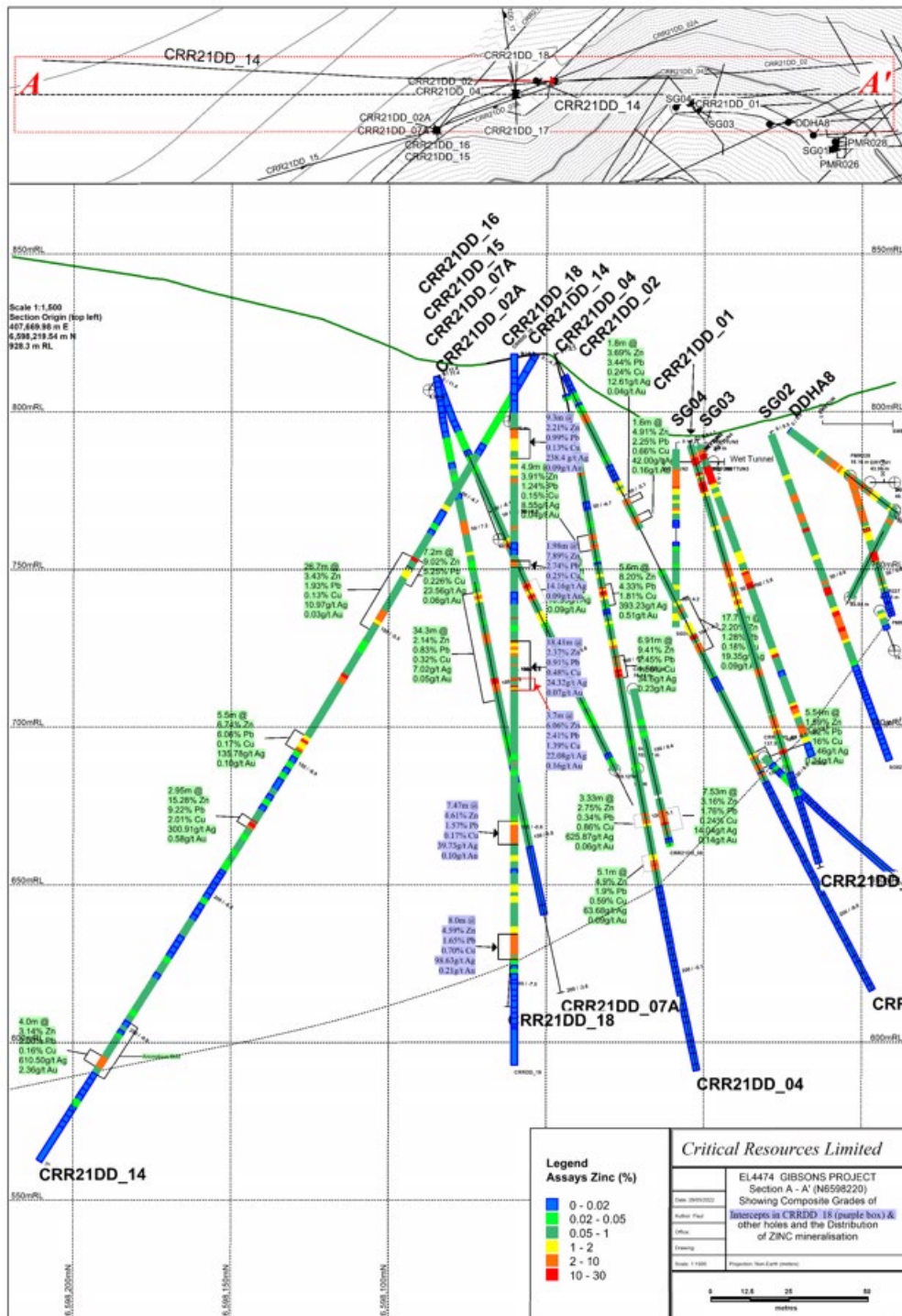


Figure 14: Diamond Drill Hole CRR21DD018, cross-section and downhole intersections and associated diamond drill holes

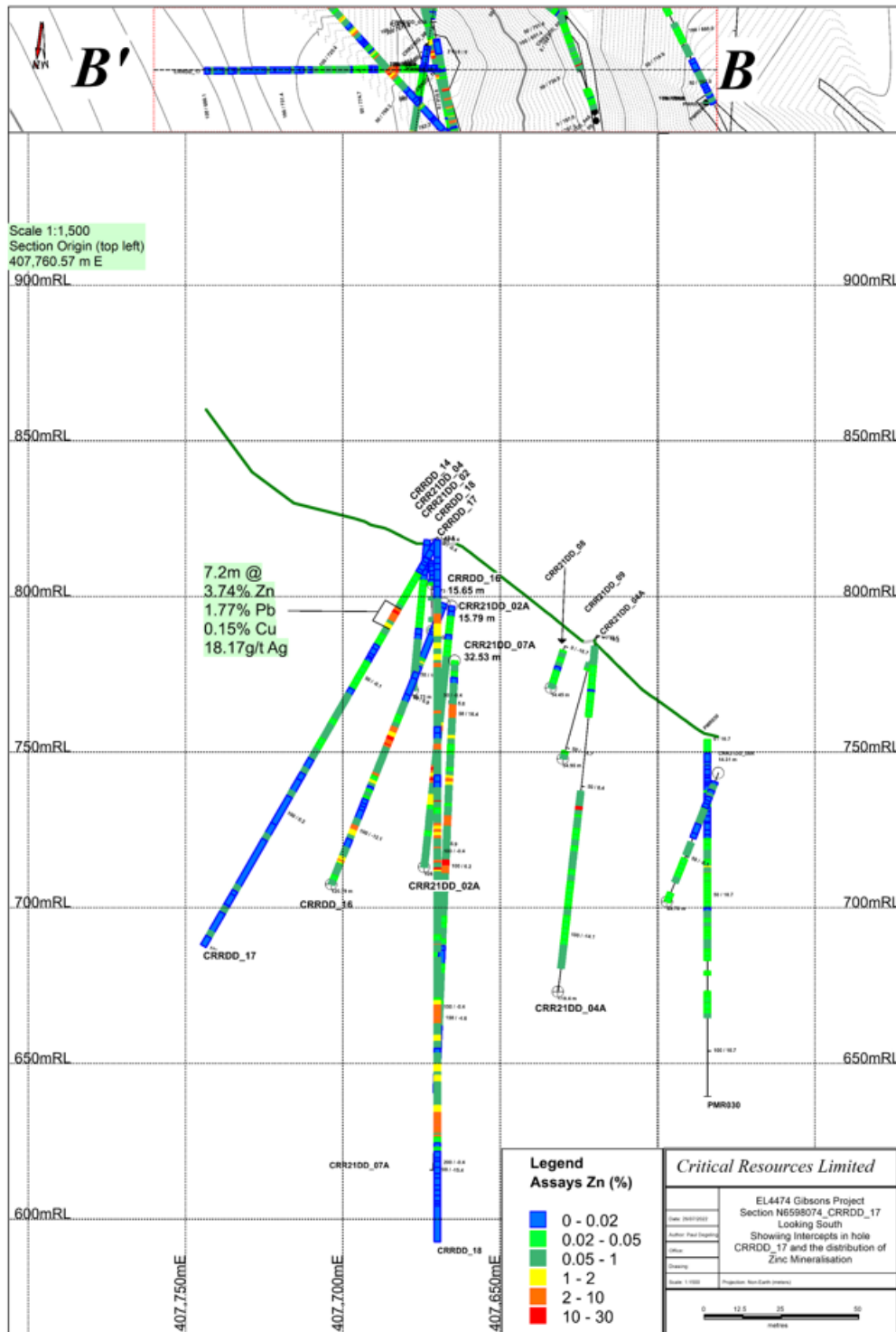


Figure 15: Diamond Drill Hole CRR21DD017, cross-section and downhole intersections and associated diamond drill holes

Halls Peak Project Description

The 100% owned Halls Peak project is located in New South Wales approximately 45km South-East of Armidale in the New England Fold Belt, an area well known for its mineral endowment and production. The Halls Peak massive sulphide deposits were discovered in 1896 where near surface mining extracted high-grade Zinc, Lead, Copper and Silver. Recent exploration at the Gibsons prospect has yielded excellent high-grade intersections of zinc, lead, copper and silver. Multiple geophysical targets exist across the Halls Project which form the basis for further exploration and growth of the known mineralisation extents.

Halls Peak is considered to have potential to contain world class deposits similar to those already being mined in northern Australia. The project area comprises multiple historic mines and prospects including Gibsons, Sunnyside, Firefly, Faints, Khans Creek, Keys and Mickey Mouse. All current exploration activities are focused on exploration licence EL 4474 with primary targets being the Gibsons and Sunnyside prospects. A summary of the project location is shown in Figure 16.

The Large Scale Potential of the Halls Peak System

Halls Peak hosts a large mineralised system with numerous widespread high grade zinc-lead-copper-silver deposits.

The system has potential to extend beyond the boundaries defined by the historic mines and prospects plotted in Figure 16. However, these define area of at least 14km² (3.5km south to north from Khans Creek Mine to Sunnyside Prospects and at least 5km from east of Faints Mine to Keys Prospect).

Recent drilling by the Company has confirmed base metal sulphide mineralisation extends vertically over 300m in deepest holes drilled.

The vast majority of the lateral and vertical extent has never been tested by drilling, clearly there is substantial potential for World Class Tier 1 discovery in this extremely large mineralised system.

The Halls Peak System – Dominant Mineralisation Style

Sedex Zinc-Lead-Copper-Silver deposits are interpreted by the CRR geologists to be the dominant mineralisation style discovered at Halls Peak.

Overview of Australian Sedex Deposits, extracted from Australian Pb-Zn-Ag Sedex Deposits Origins, Current Research, Exploration Guidelines, G.M. Derrick and Associates, May 2000.

“Australian Sedex Deposits” are fine-grained sediment-hosted Pb-Zn-Ag deposits which are best developed in the Mt Isa Inlier and McArthur Basin regions of northern Australia. The Mt Isa to McArthur series of deposits include Isamine, Hilton, George Fisher, Lady Loretta, Century, HYC, and Dugald River. By any standards, these are major accumulations of metal – average size is about 100mt @ +10% Pb+Zn; direct shipping grades of +50% Pb+Zn are present at Lady Loretta locally, and Ag credits range from 35g/t at Century, 60g/t at HYC to 100 to 150g/t at Isa-Hilton.

Main regional geological criteria can be described as:

- *Rifting,*
- *Growth Faulting,*
- *3rd order pyritic & carbonaceous basins and*
- *Basement feldspar-rich source rocks*
- *Most settings are intracontinental rifts or rifted margins, and deposits are best developed in the youngest of sag basins.”*

Significantly, the Company’s geologists note that the Zn-Pb-Cu-Ag mineralisation at Halls Peak has a **diagnostic** Sedex setting within an extensional, intracontinental rift associated with growth faults, and pyritic and carbonaceous sediments in pull-apart, graben basins.

At Halls Peak there is undoubtably room for large deposits to occur since the limit of favourable horizons has not been defined. At least 3 mineralised horizons involving 8,000 metres of favourable argillites.

In summary it is felt that the possibility of commercially interesting deposits existing at Halls Peak is quite high and detailed surface exploration (geophysics, geochemistry, gossan search) of all potential host units (argillite and acid volcanoclastics) is desirable. Further work would depend on the successful delineation of targets of the order of several hundred metres length”

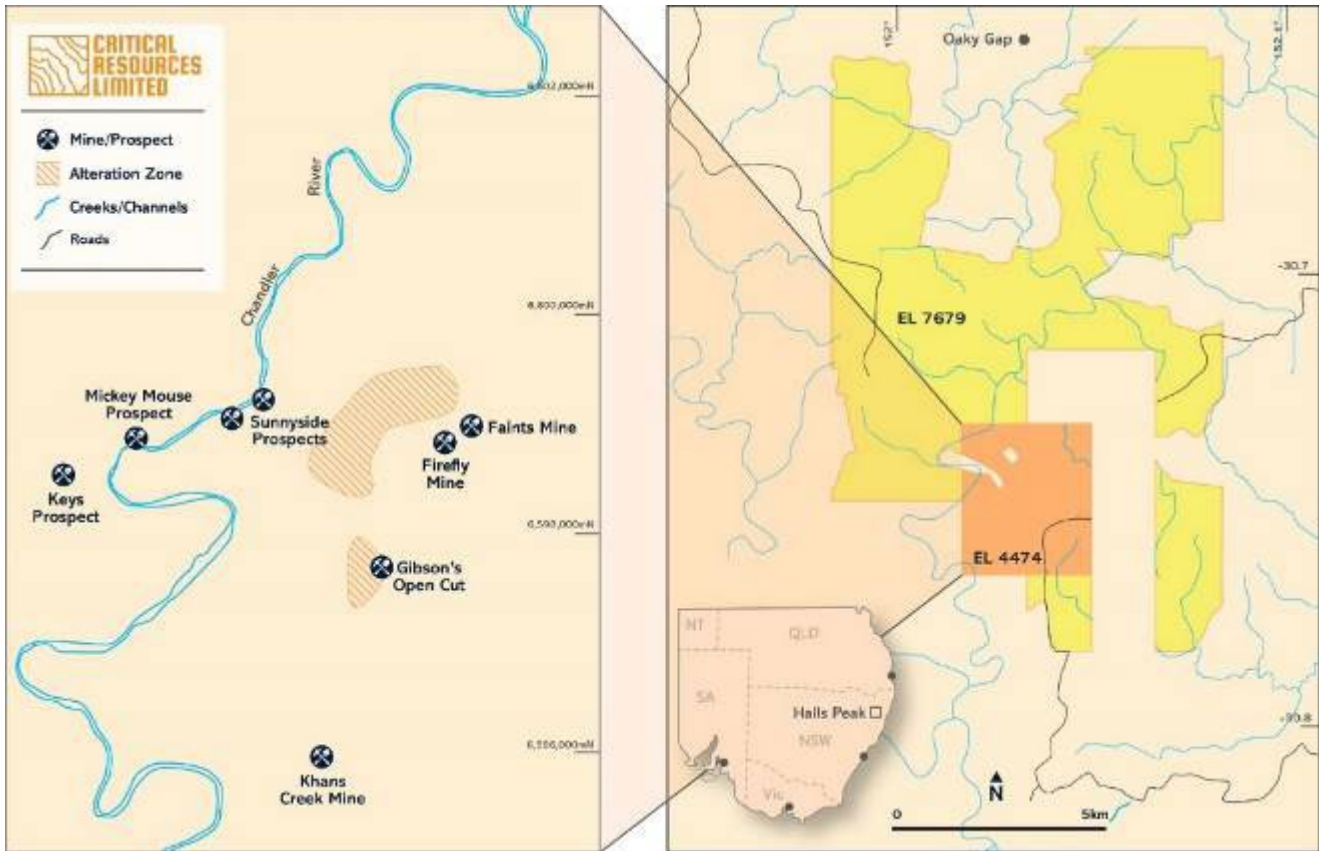


Figure 16: Halls Peak project location

Appendix 2: CRRDD21_17 Assay Results

From (m)	To (m)	Interval (m)	Assays Sample No.	Ag (ppm)	Au (ppm)	Cu (%)	Pb (%)	Zn (%)
0.00	0.70	0.70						
0.70	3.80	3.10						
3.80	6.40	2.60						
6.40	6.70	0.30						
6.70	8.00	1.30	865	2.67	0.04	0.001	0.008	0.001
8.00	9.00	1.00	866	2.12	0.04	0.002	0.008	0.001
9.00	10.80	1.80	867	6.89	0.09	0.003	0.018	0.001
10.80	11.80	1.00	868	4.89	0.09	0.013	0.020	0.016
11.80	12.40	0.60	869	4.11	0.08	0.008	0.021	0.019
12.40	13.10	0.70	870	4.05	0.05	0.008	0.021	0.020
13.10	15.10	2.00	871	8.54	0.05	0.010	0.029	0.021
15.10	16.75	1.65	872	11.85	0.04	0.010	0.040	0.026
16.75	18.40	1.65	873	24.4	0.04	0.013	0.067	0.038
18.40	19.90	1.50	874	26.1	0.05	0.013	0.061	0.035
19.90	20.90	1.00	875	39.2	0.05	0.014	0.069	0.046
20.90	22.60	1.70	876	15.5	0.03	0.007	0.037	0.041
22.60	24.00	1.40	877	9.46	0.03	0.006	0.009	0.025
24.00	25.10	1.10	878	25.3	0.04	0.066	0.426	0.667
25.10	26.30	1.20	879	24.4	0.04	0.089	1.880	3.350
26.30	27.30	1.00	880	50.8	0.03	0.496	5.960	11.350
27.30	28.50	1.20	881	20.8	0.05	0.259	2.290	4.200
28.50	28.80	0.30	882	14.4	0.08	0.075	0.918	2.070
28.80	30.00	1.20	883	4.01	0.03	0.014	0.196	2.410
30.00	31.10	1.10	884	5.56	0.06	0.014	0.152	0.780
31.10	32.30	1.20	885	8.76	0.13	0.068	0.934	1.815
32.30	32.75	0.45	886	7.29	0.04	0.038	0.358	0.622
32.75	33.55	0.80	887	16.3	0.07	0.058	0.550	0.877
33.55	34.90	1.35	888	15	0.04	0.023	0.084	0.114
34.90	36.80	1.90	889	30.7	0.03	0.009	0.045	0.038
36.80	38.80	2.00	890	10.85	0.02	0.00808	0.0429	0.034
38.80	40.20	1.40	891	7.47	0.02	0.007	0.035	0.017
40.20	42.10	1.90	892	8.25	0.03	0.007	0.037	0.016
42.10	43.10	1.00	893	8.43	0.03	0.007	0.034	0.020
43.10	43.70	0.60	894	7.22	0.03	0.007	0.034	0.020
43.70	45.00	1.30	895	7.21	0.02	0.007	0.026	0.020
45.00	47.00	2.00	896	10.5	0.04	0.009	0.029	0.026
47.00	49.00	2.00	897	10.65	0.05	0.011	0.043	0.046
49.00	51.00	2.00	898	11.1	0.06	0.011	0.037	0.043
51.00	53.00	2.00	899	7.63	0.05	0.009	0.027	0.027
53.00	55.00	2.00	900	16.85	0.05	0.010	0.041	0.032
55.00	57.00	2.00	901	10.85	0.03	0.009	0.040	0.012
57.00	59.00	2.00	902	18.45	0.03	0.020	0.076	0.053
59.00	61.00	2.00	903	9.98	0.06	0.019	0.090	0.100
61.00	63.00	2.00	904	7.56	0.09	0.016	0.075	0.112
63.00	64.90	1.90	905	7.89	0.19	0.015	0.064	0.097
64.90	66.30	1.40	906	12.15	0.1	0.020	0.072	0.111
66.30	68.30	2.00	907	21.2	0.06	0.047	0.025	0.050
68.30	70.30	2.00	908	5.71	0.04	0.008	0.040	0.079
70.30	73.60	3.30	909	9.37	0.05	0.040	0.027	0.127
73.60	75.60	2.00	910	0.24	0.01	0.002	0.003	0.039
75.60	77.40	1.80	911	0.19	0.01	0.002	0.002	0.025
77.40	81.10	3.70	912	0.81	0.01	0.003	0.009	0.351
81.10	84.40	3.30	0					
84.40	86.40	2.00	913	0.18	0.01	0.002	0.002	0.171
86.40	88.70	2.30	0					
88.70	93.00	4.30	0					
93.00	95.00	2.00	914	0.29	0.01	0.002	0.002	0.499
95.00	105.10	10.10	0					
105.10	109.00	3.90	0					
109.00	111.00	2.00	915	0.22	0.01	0.002	0.002	0.358
111.00	128.00	17.00	0					
128.00	130.00	2.00	916	0.26	0.01	0.002	0.002	0.077
130.00	131.40	1.40	0					

131.40	135.20	3.80	0					
135.20	136.00	0.80	0					
136.00	138.10	2.10	917	0.23	<0.01	0.0012	0.00271	0.1955
138.10	145.00	6.90	0					
145.00	147.00	2.00	918	1.77	0.01	0.004	0.011	0.202
147.00	150.40	3.40	0					

Appendix 3: CRRDD21_18 Assay Results

From (m)	To (m)	Interval (m)	Assays Sample No.	Ag (ppm)	Au (ppm)	Cu (%)	Pb (%)	Zn (%)
0.00	5.40	5.40	42919	0.7	0.01	0.003	0.009	0.015
5.40	7.40	2.00	920	1.42	0.01	0.006	0.020	0.013
7.40	9.40	2.00	921	4.81	0.06	0.060	0.014	0.008
9.40	12.80	3.40	922	5.6	0.06	0.001	0.027	0.003
12.80	14.80	2.00	923	8.39	0.03	0.008	0.033	0.020
14.80	18.80	4.00	924	21.8	0.02	1.180	3.970	2.800
18.80	20.80	2.00	925	52.3	0.05	0.022	0.120	0.098
20.80	22.80	2.00	926	22.8	0.04	0.013	0.049	0.067
22.80	23.70	0.90	927	9.77	0.05	0.037	0.397	0.701
23.70	27.00	3.30	928	13.7	0.04	0.139	1.765	4.210
27.00	29.00	2.00	929	506	0.09	0.149	0.588	1.330
29.00	31.00	2.00	930	333	0.13	0.141	0.734	1.330
31.00	33.00	2.00	931	247	0.15	0.078	0.368	0.652
33.00	35.00	2.00	932	13.7	0.06	0.097	0.501	1.075
35.00	36.70	1.70	933	7.99	0.04	0.025	0.122	0.161
36.70	38.70	2.00	934	4.62	0.03	0.068	0.681	1.215
38.70	39.55	0.85	935	3.27	0.01	0.047	0.585	0.955
39.55	40.96	1.41	936	9.48	0.03	0.094	1.975	3.550
40.96	43.00	2.04	937	55.5	0.09	0.040	0.252	0.414
43.00	45.00	2.00	938	65.1	0.12	0.015	0.049	0.074
45.00	47.00	2.00	939	61.8	0.28	0.014	0.113	0.186
47.00	49.00	2.00	940	28.8	0.15	0.022	0.212	0.371
49.00	50.85	1.85	941	27.2	0.1	0.064	0.296	0.469
50.85	51.90	1.05	942	16.45	0.05	0.172	0.378	0.983
51.90	53.90	2.00	943	3.69	0.05	0.025	0.085	0.083
53.90	54.88	0.98	944	2.9	0.08	0.108	0.334	0.423
54.88	55.87	0.99	945	0		0.000	0.000	0.000
55.87	57.87	2.00	946	2.82	0.01	0.042	0.451	0.146
57.87	59.87	2.00	947	1.18	0.02	0.003	0.047	0.076
59.87	61.87	2.00	948	3.48	0.03	0.008	0.015	0.015
61.87	63.87	2.00	949	3.56	0.11	0.010	0.012	0.011
63.87	65.51	1.64	950	2.92	0.04	0.040	0.143	0.511
65.51	66.51	1.00	951	15.75	0.1	0.249	3.470	9.410
66.51	67.49	0.98	952	12.55	0.08	0.257	2.000	6.330
67.49	69.49	2.00	953	5.82	0.05	0.032	0.131	0.202
69.49	71.49	2.00	954	5.99	0.07	0.046	0.162	0.252
71.49	73.49	2.00	955	3.37	0.08	0.018	0.124	0.211
73.49	75.49	2.00	956	2.1	0.04	0.023	0.066	0.299
75.49	77.49	2.00	957	1.51	0.06	0.005	0.006	0.010
77.49	79.49	2.00	958	2.03	0.07	0.004	0.005	0.008
79.49	81.49	2.00	959	2.83	0.03	0.018	0.069	0.120
81.49	83.77	2.28	960	2.8	0.03	0.010	0.052	0.088
83.77	84.09	0.32	961	172	0.67	1.355	9.530	17.650
84.09	86.09	2.00	962	4.47	0.08	0.007	0.026	0.052
86.09	88.09	2.00	963	4.45	0.06	0.008	0.024	0.050
88.09	89.95	1.86	964	15.5	0.05	0.074	0.397	0.699
89.95	90.95	1.00	965	16.5	0.06	0.072	0.393	0.730
90.95	91.95	1.00	966	21.3	0.03	0.550	1.665	4.110
91.95	92.95	1.00	967	13.5	0.01	0.083	0.404	1.145
92.95	93.95	1.00	968	26.6	0.04	0.514	0.638	2.110
93.95	94.95	1.00	969	44.1	0.04	0.066	0.458	1.690
94.95	95.95	1.00	970	133	0.08	0.364	2.130	3.860
95.95	96.95	1.00	971	5.88	0.05	0.051	0.136	0.328
96.95	97.95	1.00	972	6.93	0.05	0.171	0.254	0.683
97.95	98.66	0.71	973	1.36	0.21	0.008	0.019	0.172
98.66	99.17	0.51	974	110	0.03	2.430	1.650	8.580
99.17	101.17	2.00	975	4.41	0.03	0.161	0.097	0.329
101.17	102.80	1.63	976	2.1	0.03	0.018	0.019	0.103
102.80	103.58	0.78	977	24	0.15	1.115	0.784	3.270
103.58	103.75	0.17	978	126	0.37	5.400	7.280	21.100
103.75	105.30	1.55	979	4.27	0.09	0.326	0.103	0.315
105.30	106.00	0.70	980	44	0.33	3.450	9.600	21.500

106.00	106.50	0.50	981	8.3	0.1	0.875	0.393	1.480
106.50	108.50	2.00	982	3.69	0.03	0.048	0.044	0.063
108.50	110.50	2.00	983	2.48	0.07	0.016	0.027	0.260
110.50	111.95	1.45	984	3.15	0.08	0.0427	0.01045	0.375
111.95	113.50	1.55	985	16.85	0.12	2.950	0.042	0.887
113.50	115.50	2.00	42986	3.81		0.169	0.147	0.245
115.50	117.50	2.00	42987	4.96	0.08	0.019	0.190	0.207
117.50	119.50	2.00	42988	2.3	0.02	0.008	0.018	0.090
119.50	121.65	2.15	42989	1.84	0.04	0.009	0.013	0.100
121.65	123.65	2.00	42990	3.28	0.03	0.018	0.026	0.205
123.65	125.00	1.35	42991	2.37	0.02	0.014	0.032	0.164
125.00	126.80	1.80	42992	4.26	0.03	0.436	0.100	0.197
126.80	128.70	1.90	42993	1.88	0.03	0.025	0.013	0.037
128.70	129.80	1.10	42994	1.14	0.05	0.021	0.042	0.173
129.8	130.1	0.30	42995	14	0.13	0.730	0.916	3.870
130.1	130.8	0.70	42996	3.52	0.25	0.424	0.027	0.188
130.80	132.00	1.20	42997	4.67	0.07	0.027	0.050	0.106
132.00	134.00	2.00	42998	5.93	0.1	0.021	0.081	0.044
134.00	135.80	1.80	42999	7.48	0.11	0.031	0.095	0.730
135.80	137.50	1.70	43000	17.3	0.08	0.027	0.196	0.301
137.50	138.30	0.80	43001	10.2	0.12	0.030	0.099	0.088
138.30	138.80	0.50	43002	2.33	0.09	0.043	0.018	0.076
138.80	140.80	2.00	43003	2.84	0.1	0.027	0.027	0.113
140.80	142.80	2.00	43004	2.25	0.06	0.015	0.034	0.159
142.80	144.80	2.00	43005	2.33	0.02	0.128	0.018	0.078
144.80	147.00	2.20	43006	1.01	0.06	0.026	0.008	0.053
147.00	147.90	0.90	43007	1.22	0.08	0.015	0.016	0.041
147.90	149.30	1.40	43008	2.23	0.04	0.048	0.047	1.895
149.30	150.80	1.50	43009	15.9	0.07	0.122	1.365	3.070
150.80	153.20	2.40	43010	89.9	0.13	0.267	2.570	5.510
153.20	153.57	0.37	43011	63.9	0.09	0.117	1.235	2.270
153.57	155.37	1.80	43012	16.9	0.13	0.182	1.665	7.280
155.36	156.32	0.96	43013	4.31	0.04	0.192	0.038	0.229
156.32	159.00	2.68	43014	4.23	0.07	0.106	0.009	0.180
159.00	161.00	2.00	43015	5.94	0.09	0.069	0.052	1.125
161.00	163.20	2.20	43016	1.16	0.01	0.061	0.038	0.736
163.20	164.70	1.50	Core Loss					
164.70	165.84	1.14	43017	2.18	0.01	0.012	0.360	0.764
165.84	168.30	2.46	43018	6.43	0.01	0.034	0.618	1.225
168.30	168.70	0.40	43019	18.05	0.01	0.037	0.159	1.225
168.70	170.80	2.10	43020	1.03	0.01	0.008	0.110	0.259
170.80	171.90	1.10	43021	1.7	0.01	0.018	0.105	1.430
171.90	174.10	2.20	43022	1.34	0.04	0.003	0.017	0.471
174.10	178.40	4.30	43023	0.77	0.01	0.002	0.016	0.298
178.40	180.10	1.70	43024	0.44	<0.01	0.001	0.014	0.254
180.10	181.60	1.50	43025	3.52	0.02	0.172	0.063	1.430
181.60	183.80	2.20	43026	12.9	0.09	0.260	0.144	3.130
183.80	184.60	0.80	43027	41.5	0.05	0.522	0.642	6.340
184.60	186.30	1.70	43028	184	0.32	1.035	2.510	6.020
186.30	187.60	1.30	43029	138	0.36	0.695	3.190	5.230
187.60	188.10	0.50	43030	57.7	0.12	0.760	1.250	2.320
188.10	189.70	1.60	43031	275	0.45	0.938	2.560	5.030
189.70	190.54	0.84	43032	6.32	0.12	0.056	0.075	0.115
190.54	191.15	0.61	43033	112	0.38	1.145	4.580	7.700
191.15	191.80	0.65	43034	2.22	0.02	0.006	0.019	0.029
191.80	193.70	1.90	43035	0.81	<0.01	0.003	0.005	0.016
193.70	195.00	1.30	43036	0.74	<0.01	0.004	0.013	0.026
195.00	196.30	1.30	43037	0.6	<0.01	0.002	0.004	0.015
196.30	198.30	2.00	43038	0.71	0.01	0.002	0.003	0.008
198.30	199.40	1.10	43039	2.11	0.03	0.005	0.012	0.016
199.40	201.40	2.00	43040	2.46	0.02	0.006	0.020	0.017
201.40	203.40	2.00	43041	1.41	0.01	0.004	0.009	0.014
203.40	204.90	1.50	43042	0.21	<0.01	0.001	0.003	0.005
204.90	207.10	2.20	43043	0.16	<0.01	0.002	0.003	0.005
207.10	208.70	1.60	43044	0.13	<0.01	0.000	0.003	0.006
208.70	210.50	1.80	43045	0.15	<0.01	0.002	0.004	0.007
210.50	212.20	1.70		0.12	<0.01	0.001	0.003	0.005
212.20	213.00	0.80		0.06	<0.01	0.001	0.002	0.005
213.00	213.80	0.80		0.09	<0.01	0.001	0.003	0.004
213.80	225.30	11.50				0.000	0.000	0.000

Appendix 4: CRRDD21_11B Assay Results

From (m)	To (m)	Interval (m)	Assays Sample No.	Ag (ppm)	Au (ppm)	Cu (%)	Pb (%)	Zn (%)
0.00	1.40	1.40						
1.40	5.80	4.40						
5.80	7.00	1.20	43050	1.26	0.01	0.007	0.022	0.039
7.00	9.00	2.00	43051	0.61	0.01	0.002	0.016	0.023
9.00	10.50	1.50	43052	0.63	0.01	0.003	0.016	0.023
10.50	11.15	0.65	43053	1.26	0.01	0.005	0.105	0.044
11.15	13.00	1.85	43054	1.62	0.01	0.003	0.026	0.014
13.00	15.00	2.00	43055	0.78	<0.01	0.001	0.011	0.018
15.00	17.00	2.00	43056	1.45	0.01	0.002	0.010	0.012
17.00	19.00	2.00	43057	0.66	0.01	0.001	0.009	0.012
19.00	21.00	2.00	43058	0.12	<0.01	0.011	0.003	0.018
21.00	21.60	0.60	43059	0.3	<0.01	0.053	0.005	0.016
21.60	23.40	1.80	43060	0.25	<0.01	0.013	0.002	0.013
23.40	23.80	0.40	43061	0.23	0.01	0.008	0.001	0.025
23.80	25.00	1.20	43062	0.24	<0.01	0.002	0.003	0.012
25.00	26.60	1.60	43063	0.26	0.01	0.008	0.001	0.016
26.60	27.40	0.80	43064	0.38	<0.01	0.001	0.001	0.013
27.40	28.40	1.00	43065	0.37	0.01	0.006	0.001	0.021
28.40	29.35	0.95	43066	2.18	0.01	0.004	0.006	0.033
29.35	31.00	1.65	43067	1.6	0.01	0.001	0.002	0.060
31.00	33.00	2.00	43068	3.92	0.01	0.010	0.050	0.098
33.00	35.00	2.00	43069	1.28	0.01	0.004	0.004	0.089
35.00	37.00	2.00	43070	4.03	0.01	0.017	0.014	0.045
37.00	39.00	2.00	43071	5.43	0.01	0.021	0.024	0.052
39.00	41.00	2.00	43072	6.01	0.01	0.011	0.039	0.146
41.00	41.70	0.70	43073	6.6	0.01	0.010	0.025	0.069
41.70	43.20	1.50	43074	39	0.02	0.379	0.021	0.170
43.20	44.80	1.60	43075	105	0.02	1.540	0.033	0.361
44.80	46.00	1.20	43076	12	0.01	0.068	0.007	0.063
46.00	47.79	1.79	43077	24.5	0.01	0.418	0.005	0.108
47.79	50.00	2.21	43078	11.3	0.01	0.1055	0.01845	0.0234
50.00	51.90	1.90	43079	2.48	0.01	0.005	0.008	0.019
51.90	54.00	2.10	43080	0.86	0.01	0.002	0.001	0.012
54.00	56.00	2.00	43081	0.15	<0.01	0.001	0.001	0.033
56.00	58.00	2.00	43082	0.13	<0.01	0.003	0.000	0.027
58.00	60.00	2.00	43083	0.07	<0.01	0.001	0.000	0.021
60.00	62.00	2.00	43084	0.3	<0.01	0.009	0.002	0.021
62.00	64.00	2.00	43085	0.1	<0.01	0.005	0.000	0.013
64.00	66.00	2.00	43086	0.15	<0.01	0.001	0.000	0.012
66.00	68.00	2.00	43087	0.09	<0.01	0.010	0.000	0.017
68.00	70.00	2.00	43088	0.08	<0.01	0.023	0.002	0.025
70.00	72.00	2.00	43089	0.29	<0.01	0.016	0.015	0.017
72.00	74.00	2.00	43090	0.7	0.01	0.129	0.011	0.024
74.00	75.90	1.90	43091	0.31	<0.01	0.009	0.006	0.017
75.90	78.00	2.10	43092	0.13	0.01	0.008	0.007	0.037
78.00	79.84	1.84	43093	0.17	<0.01	0.003	0.005	0.019
79.84	82.00	2.16	43094	0.24	0.01	0.006	0.001	0.022
82.00	83.64	1.64	43095	0.39	<0.01	0.010	0.002	0.052
83.64	86.00	2.36	43096	0.09	<0.01	0.001	0.001	0.038
86.00	88.00	2.00	43097	0.13	<0.01	0.004	0.003	0.022
88.00	90.00	2.00	43098	0.32	0.01	0.002	0.002	0.024
90.00	92.00	2.00	43099	0.32	0.01	0.004	0.010	0.016
92.00	94.00	2.00	43100	1.2	0.02	0.003	0.004	0.024
94.00	96.00	2.00	43101	0.48	0.01	0.012	0.010	0.013
96.00	98.00	2.00	43102	0.47	0.01	0.005	0.003	0.012
98.00	100.00	2.00	43103	0.44	<0.01	0.008	0.003	0.010
100.00	102.00	2.00	43104	0.47	<0.01	0.011	0.003	0.010
102.00	104.00	2.00	43105	0.36	<0.01	0.002	0.001	0.024
104.00	106.00	2.00	43106	0.21	<0.01	0.002	0.001	0.025
106.00	108.00	2.00	43107	1.12	<0.01	0.080	0.002	0.030
108.00	110.00	2.00	43108	0.47	<0.01	0.008	0.001	0.040
110.00	112.00	2.00	43109	0.14		0.001	0.001	0.024
112.00	114.00	2.00	43110	1.56		0.009	0.002	0.025

114.00	116.00	2.00	43111	0.86		0.049	0.001	0.055
116.00	118.00	2.00	43112	0.58		0.051	0.001	0.055
118.00	120.00	2.00	43113	0.09		0.001	0.001	0.078
120.00	122.00							
122.00	124.00	2.00	43114	0.55		0.059	0.007	0.050
124.00	126.00	2.00	43115	0.07		0.007	0.003	0.030
126.00	128.00							
128.00	130.00	2.00	43116	0.09		0.001	0.004	0.035
130.00	131.26							
131.26	132.43	2.00	43117	0.09		0.006	0.007	0.033
132.43	134.00							
134.00	136.00	2.00	43118	0.28		0.006	0.024	0.056
136.00	138.00	1.26	43119	0.68		0.007	0.030	0.070
138.00	138.90	1.17	43120	1.02		0.007	0.105	0.235
138.90	139.80	1.57	43121	0.71		0.00228	0.0372	0.1325
139.80	142.00	2.00	43122	0.75		0.00315	0.00337	0.0286
142.00	144.00	2.00	43123	0.23		0.002	0.002	0.029
144.00	146.00	0.90	43124	0.18		0.003	0.002	0.034
146.00	148.00	0.90	43125	0.11		0.005	0.012	0.030
148.00	150.00	2.20	43126	0.09		0.007	0.010	0.033
150.00	151.52	2.00	43127	0.59		0.002	0.002	0.044
151.52	153.52	2.00	43128	1.12		0.000	0.001	0.036
153.52	155.70	2.00	43129	0.18		0.001	0.001	0.053
155.70	156.32	2.00	43130	2.06		0.018	0.010	0.076
156.32	158.32	1.52	43131	0.63		0.001	0.002	0.007
158.32	160.32	2.00	43132	0.54		0.001	0.003	0.015
160.32	162.32	2.18	43133	0.19		0.001	0.002	0.006
162.32	164.32							
164.32	166.32		43134	0.11		0.00142	0.00312	0.0117
166.32	168.32							
168.32	170.32		43135	0.1		0.00188	0.00297	0.0119
170.32	172.32							
172.32	174.32		43136	0.1		0.002	0.003	0.012
174.32	176.32							
176.32	178.32		43137	0.1		0.002	0.003	0.013
178.32	180.32							
180.32	182.32		43138	0.1		0.002	0.003	0.012
182.32	184.20		43139	0.17		0.002	0.003	0.011
184.20	185.29		43140	0.12		0.001	0.003	0.008
185.29	187.29		43141	0.14		0.002	0.003	0.011
187.29	191.00							
191.00	193.00		43142	0.11		0.001	0.004	0.009
193.00	196.00							
196.00	198.00		43143	0.2		0.002	0.003	0.011
198.00	201.00							
201.00	203.00		43144	0.71		0.002	0.003	0.011
203.00	206.00							
206.00	208.00		43145	0.18		0.002	0.005	0.015
208.00	211.00							
211.00	213.00		43146	0.11		0.002	0.003	0.010
213.00	217.00							
217.00	219.00		43147	0.12		0.002	0.003	0.010
219.00	221.00		43148	0.09		0.002	0.003	0.011
221.00	223.00							
223.00	225.00		43149	0.12		0.002	0.003	0.008
225.00	228.00							
228.00	230.00		43150	0.13		0.002	0.003	0.012
230.00	233.00							
233.00	235.00		43151	0.11		0.002	0.003	0.009
235.00	237.00		43152	0.2		0.002	0.003	0.010
237.00	239.00		43153	0.11		0.002	0.002	0.009
239.00	241.00		43154	0.12		0.002	0.003	0.011
241.00	243.00		43155	0.13		0.002	0.002	0.009
243.00	245.09		43156	0.13		0.002	0.003	0.011
245.09	247.30		43157	0.11		0.001	0.003	0.014
247.30	249.30		43158	0.1		0.002	0.003	0.007
249.30	251.30		43159	0.1		0.002	0.003	0.007
251.30	253.40		43160	0.12		0.002	0.003	0.012
253.40	255.40		43161	0.11		0.001	0.003	0.011
255.40	257.40		43162	0.09		0.001	0.002	0.008
257.40	259.40		43163	0.12		0.001	0.002	0.006

259.40	261.40		43164	0.13		0.001	0.002	0.004
261.40	263.40		43165	0.08		0.001	0.001	0.002
263.40	265.44		43166	0.08		0.001	0.001	0.003
265.44	267.44		43167	0.15		0.002	0.003	0.009
267.44	269.26		43168	0.11		0.002	0.003	0.017
269.26	271.18		43169	0.08		0.002	0.003	0.017
271.18	273.18		43170	0.09		0.001	0.002	0.005
273.18	275.18		43171	0.09		0.002	0.003	0.013
275.18	277.18		43172	0.09		0.002	0.003	0.017
277.18	279.18		43173	0.11		0.002	0.003	0.014
279.18	281.18		43174	0.11		0.001	0.003	0.007
281.18	283.18		43175	0.14		0.002	0.004	0.006
283.18	285.18		43176	0.12		0.002	0.003	0.007
285.18	287.18		43177	0.1		0.001	0.003	0.008
287.18	289.18		43178	0.1		0.001	0.003	0.012
289.18	291.18		43179	0.1		0.001	0.003	0.008
291.18	293.18		43180	0.09		0.001	0.002	0.005
293.18	294.64		43181	0.1		0.001	0.002	0.010
294.64	296.18		43182	0.11		0.002	0.002	0.014
296.18	299.18		43183	0.18		0.002	0.003	0.008
0.00	0.00							
299.18	301.18		43184	0.1		0.001	0.003	0.006
301.18	304.00							
304.00	306.00		43185	0.15		0.001	0.004	0.017
306.00	310.10							
310.10	312.00		43186	0.14		0.002	0.002	0.008
312.00	312.10							
312.10	314.10		43187	0.25		0.002	0.002	0.010
314.10	316.10		43188	1.55		0.002	0.004	0.012
316.10	318.10		43189	0.27		0.001	0.002	0.007
318.10	320.10		43190	0.23		0.001	0.003	0.006
320.10	322.10		43191	0.18		0.001	0.004	0.008
322.10	324.10		43192	0.17		0.001	0.002	0.010
324.10	326.10							
326.10	328.10		43193	0.27		0.001	0.002	0.010
328.10	330.10		43194	0.25		0.001	0.001	0.009
330.10	331.29							
331.29	334.00							
334.00	336.00		43195	0.61		0.002	0.007	0.019
336.00	338.00							
338.00	340.00		43196	0.45		0.001	0.004	0.009
340.00	343.36							
343.36	345.36		43197	0.42		0.002	0.003	0.009
345.36	347.36		43198	0.28		0.002	0.002	0.010
347.36	349.36							
349.36	351.36		43199	0.17		0.001	0.002	0.008
351.36	353.36							
353.36	355.36		43200	0.62		0.002	0.002	0.011
355.36	357.36							
357.36	359.36		43201	1.84		0.002	0.006	0.012
359.36	361.58							
361.58	363.58		43202	0.18		0.001	0.002	0.007
363.58	367.58							
367.58	369.58		43203	0.27		0.001	0.003	0.007
369.58	373.90							
373.90	375.90		43204	0.32		0.001	0.003	0.009

Appendix 5: JORC Table 1 –CRRDD21_02 Exploration Results

1.1 Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC-Code Explanation	Commentary
Sampling techniques	<i>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.</i>	<ul style="list-style-type: none"> • Oriented NQ core was cut in half using a diamond saw, with a half core sent for assay and half core retained. • No other measurement tools other than directional survey tools have been used in the holes at this stage.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	<ul style="list-style-type: none"> • Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples
	<i>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.</i>	<ul style="list-style-type: none"> • Core sample interval was based in logged mineralisation • Determination of mineralisation has been based on geological logging and photo analysis. • Diamond Core drilling was used to obtain 3m length samples from the barrel which are then marked in one meter intervals based on the drillers core block measurement. • Assay samples will be selected based on geological logging boundaries or on the nominal meter marks. • Samples will be dispatched to an accredited laboratory (ALS) in Brisbane, Australia for sample preparation and shipment to analysis
Drilling techniques	<i>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 oriented and if so, by what method, etc).</i>	<ul style="list-style-type: none"> • NQ2 diamond double tube coring by Sandvik DE710 rig was used throughout the hole. • Core orientation was carried out by the drilling contractor.

Criteria	JORC-Code Explanation	Commentary
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	<ul style="list-style-type: none"> • Lithological logging, photography • Core samples were measured with a standard tape within the core trays. Length of core was then compared to the interval drilled, and any core loss was attributed to individual rock units based on the amount of fracturing, abrasion of core contacts, and the conservative judgment of the core logger. Results of core loss are discussed below.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	<ul style="list-style-type: none"> • Experienced driller contracted to carry out drilling. • In broken ground the driller produced NQ core from short runs to maximise core recovery. • Core was washed before placing in the core trays.
	<i>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.</i>	<ul style="list-style-type: none"> • Core was assessed by eye before cutting to ensure representative sampling. • See "Aspects of the determination of mineralisation that are Material to the Public Report" above.
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	<ul style="list-style-type: none"> • Core samples were not geotechnically logged. • Core samples have been geologically logged to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	<ul style="list-style-type: none"> • The core logging was qualitative in nature. • All core was photographed
	<i>The total length and percentage of the relevant intersections logged.</i>	<ul style="list-style-type: none"> • Total depth of hole 17 was 150.4m • Total depth of hole 18 was 225.3m • Total depth of hole 11B was 375.9m • 100% of the relevant intersections were logged.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	<ul style="list-style-type: none"> • Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	<ul style="list-style-type: none"> • Oriented NQ core was cut in half using a diamond saw, with a half core sent for assay and half core retained.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	<ul style="list-style-type: none"> • Core sample intervals were based in logged mineralisation
	<i>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.</i>	<ul style="list-style-type: none"> • No duplicates or second half-sampling

Criteria	JORC-Code Explanation	Commentary
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	<ul style="list-style-type: none"> • <i>Appropriate method: oriented NQ core cut in half using a diamond saw, with a half core sent for assay and half core retained.</i>
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	<ul style="list-style-type: none"> • Assays methods appropriate for style of mineralisation: ME-MS61 0.25g sample for 48 Elements and Gold by method Au-AA25 30g sample. Samples have been sent to highly accredited Australian Laboratory Services (ALS)
	<i>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.</i>	
	<i>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.</i>	
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	<ul style="list-style-type: none"> • No independent verification completed at this stage • The reported hole is not a twin of any previous hole • Core measured, photographed and logged by geologists. Digitally recorded plus back-up records. • Assay data presented in this report
	<i>The use of twinned holes.</i>	
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	
	<i>Discuss any adjustment to assay data.</i>	
Location of data points	<i>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.</i>	<ul style="list-style-type: none"> • Drill collars recorded with Garmin GPS that has an accuracy in the order of ± 3 metres for location. A registered surveyor will be contracted to accurately survey all drill collars at completed of drill program.

Criteria	JORC-Code Explanation	Commentary
	<i>Specification of the grid system used.</i>	<ul style="list-style-type: none"> • MGA94 (Zone 56) • Topographic control based on Department of Lands digital terrain model.
	<i>Quality and adequacy of topographic control.</i>	
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	<ul style="list-style-type: none"> • Not relevant to current drilling.
	<i>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.</i>	<ul style="list-style-type: none"> • Not relevant to current drilling.
	<i>Whether sample compositing has been applied.</i>	<ul style="list-style-type: none"> • Core sample intervals were based in logged mineralisation and no sample compositing applied. Reporting of final results includes many weighted average- compositing of assay data.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known considering the deposit type</i>	<ul style="list-style-type: none"> • The orientation of the mineralisation is unknown. The drilling program is aimed at determining orientation of the base of mineralisation by drilling three holes.
	<i>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.</i>	<ul style="list-style-type: none"> • It is uncertain whether sampling bias has been introduced, or whether the thickness drilled is a true thickness.
Sample security	<i>The measures taken to ensure sample security.</i>	<ul style="list-style-type: none"> • Core samples will be stored at the Gibsons core yard before express overnight freight to Australian Laboratory Services Pty. Ltd. (ALS) Brisbane. Sample movements and security documented by ALS Chain of Custody.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	<ul style="list-style-type: none"> • Not undertaken at this stage

2 Section 2: Reporting of Exploration Results

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

Criteria	JORC-Code Explanation	Commentary														
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	<ul style="list-style-type: none">• The Halls Peak Project comprises granted Exploration Licenses EL 4474 and EL 7679, located in north-eastern NSW and covering an area of about 84km².• There are no known impediments to operate on the tenements														
	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.		<ul style="list-style-type: none">• Tenure is current and in good standing													
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul style="list-style-type: none">• Exploration for base metals and gold have been conducted at Halls Peak since 1896 when massive sulphide deposits were discovered by prospectors. There was some small-scale mining of deposits of copper, lead, zinc and silver ore on the east side of the Chandler River until 1916. According to Report 52 – The Geological Survey of New South Wales “In 1965, 1,600 tons of ore were mined to give 263 tons of lead, 450 tons of zinc, 46.3 tons of copper and 12523 oz of silver”. Following this several exploration campaigns were conducted until the mid-1980’s for massive sulphides and silver by major mining companies such as BHP Co. Ltd., Mt. Isa Mines Ltd., The Zinc Corporation Ltd., Halls Peak Australia Limited and Allstate Exploration N.L. but most work was hindered as none were able to secure tenure to the whole area. All of these work programs comprising drilling, geochemistry and geophysics have resulted in an immense body of data.														
Geology	Deposit type, geological setting and style of mineralisation.	<ul style="list-style-type: none">• Halls Peak is in the southern part of the New England Orogen, a belt of continental crust uplifted to form a mountainous region. Mineralisation is hosted in the Permian Halls Peak Volcanics, a sequence of felsic volcanic, volcanoclastic and sedimentary rocks that have been deformed and metamorphosed due to their formation in a rift setting. Sulphide mineralisation is stratiform with several massive sulphide bodies within broad zones of disseminated and stockwork sulphides. Massive sulphide bodies are generally moderate to steeply dipping and up to tens of metres across. The massive sulphides are often associated with sulphidic shale and siltstone within zones of stockwork and disseminated sulphides in sericite-quartz altered rocks. Sulphide mineralisation is dominated by sphalerite and galena, with minor amounts of chalcopyrite, pyrite and tetrahedrite. Metal grades in massive sulphides can average 3.5% Cu, 8% Pb, 24% Zn, 260g/t Ag and 0.42g/t Au.														
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill	<table><tr><th>Hole ID</th><th>Easting</th><th>Northing</th><th>RL</th><th>Azimuth</th><th>Dip</th><th>To Depth (m)</th></tr><tr><td>CRR21DD_17</td><td>407670</td><td>6598060</td><td>818</td><td>81</td><td>60</td><td>150.4</td></tr></table>	Hole ID	Easting	Northing	RL	Azimuth	Dip	To Depth (m)	CRR21DD_17	407670	6598060	818	81	60	150.4
	Hole ID		Easting	Northing	RL	Azimuth	Dip	To Depth (m)								
CRR21DD_17	407670	6598060	818	81	60	150.4										
	easting and northing of the drill hole collar															

Criteria	JORC-Code Explanation	Commentary							
	<i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i>	CRR21DD_18	407670	6598060	818	0	90	225.3	• Not relevant
	<i>dip and azimuth of the hole</i>	CR21DD_11B	407506	6598094	738	0	90	375.9	
	<i>down hole length and interception depth</i>								
	<i>hole length.</i>								
	<i>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.</i>								
Data aggregation methods	<i>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.</i>	• Uncut							
	<i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i>	• All aggregate intercepts detailed on tables and in text are weighted averages.							
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	• None used							
Relationship between mineralisation widths and intercept lengths	<i>These relationships are particularly important in the reporting of Exploration Results.</i>	• True width not currently known. All lengths are down-hole lengths and not true width.							
	<i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i>	• The precise geometry is not currently known but is being tested by the planned drilling, with diamond drill hole azimuths designed to drill normal to the interpreted mineralised structure.							
	<i>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’).</i>	• Down-hole length reported, true width not known.							

Criteria	JORC-Code Explanation	Commentary
Diagrams	<i>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.</i>	<ul style="list-style-type: none"> • The drilling is aimed at clarifying the structure of the mineralisation.
Balanced reporting	<i>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.</i>	<ul style="list-style-type: none"> • Representative reporting of all relevant grades is provided in tables to avoid misleading reporting of Exploration Results.
Other substantive exploration data	<i>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.</i>	<ul style="list-style-type: none"> • Overview of exploration data leading to selection of drill targets provided. • There were no deleterious elements identified.
Further work	<i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	<ul style="list-style-type: none"> • Drill program totalling 6,400m to both verify historical drilling at Halls Peak but also to test deeper VTEM targets.

Appendix 6: JORC Table 1 –CRRDD21_04 Exploration Results

2.1 Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC-Code Explanation	Commentary
Sampling techniques	<i>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.</i>	<ul style="list-style-type: none"> • Oriented NQ core was cut in half using a diamond saw, with a half core sent for assay and half core retained. • No other measurement tools other than directional survey tools have been used in the holes at this stage.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	
	<i>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.</i>	<ul style="list-style-type: none"> • Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples • Core sample interval was based in logged mineralisation • Determination of mineralisation has been based on geological logging and photo analysis. • Diamond Core drilling was used to obtain 3m length samples from the barrel which are then marked in one meter intervals based on the drillers core block measurement. • Assay samples will be selected based on geological logging boundaries or on the nominal meter marks. • Samples will be dispatched to an accredited laboratory (ALS) in Brisbane, Australia for sample preparation and shipment to analysis
Drilling techniques	<i>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 oriented and if so, by what method, etc).</i>	<ul style="list-style-type: none"> • NQ2 diamond double tube coring by Sandvik DE710 rig was used throughout the hole. • Core orientation was carried out by the drilling contractor.

Criteria	JORC-Code Explanation	Commentary
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	<ul style="list-style-type: none"> • Lithological logging, photography • Core samples were measured with a standard tape within the core trays. Length of core was then compared to the interval drilled, and any core loss was attributed to individual rock units based on the amount of fracturing, abrasion of core contacts, and the conservative judgment of the core logger. Results of core loss are discussed below.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	<ul style="list-style-type: none"> • Experienced driller contracted to carry out drilling. • In broken ground the driller produced NQ core from short runs to maximise core recovery. • Core was washed before placing in the core trays.
	<i>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.</i>	<ul style="list-style-type: none"> • Core was assessed by eye before cutting to ensure representative sampling. • See "Aspects of the determination of mineralisation that are Material to the Public Report" above.
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	<ul style="list-style-type: none"> • Core samples were not geotechnically logged. • Core samples have been geologically logged to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	<ul style="list-style-type: none"> • The core logging was qualitative in nature. • All core was photographed
	<i>The total length and percentage of the relevant intersections logged.</i>	<ul style="list-style-type: none"> • Total depth of the hole was 231.6m • 100% of the relevant intersections were logged.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	<ul style="list-style-type: none"> • Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	<ul style="list-style-type: none"> • Oriented NQ core was cut in half using a diamond saw, with a half core sent for assay and half core retained.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	<ul style="list-style-type: none"> • Core sample intervals were based in logged mineralisation
	<i>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.</i>	<ul style="list-style-type: none"> • No duplicates or second half-sampling

Criteria	JORC-Code Explanation	Commentary
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	<ul style="list-style-type: none"> • <i>Appropriate method: oriented NQ core cut in half using a diamond saw, with a half core sent for assay and half core retained.</i>
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	<ul style="list-style-type: none"> • Assays methods appropriate for style of mineralisation: ME-MS61 0.25g sample for 48 Elements and Gold by method Au-AA25 30g sample. Samples have been sent to highly accredited Australian Laboratory Services (ALS)
	<i>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.</i>	
	<i>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.</i>	
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	<ul style="list-style-type: none"> • <i>No independent verification completed at this stage</i>
	<i>The use of twinned holes.</i>	<ul style="list-style-type: none"> • <i>This hole is not a twin of any previous hole</i>
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	<ul style="list-style-type: none"> • <i>Core measured, photographed and logged by geologists. Digitally recorded plus back-up records.</i>
	<i>Discuss any adjustment to assay data.</i>	<ul style="list-style-type: none"> • <i>Assay data presented in this report</i>
Location of data points	<i>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.</i>	<ul style="list-style-type: none"> • <i>Drill collars recorded with Garmin GPS that has an accuracy in the order of ± 3 metres for location. A registered surveyor will be contracted to accurately survey all drill collars at completed of drill program.</i>
	<i>Specification of the grid system used.</i>	

Criteria	JORC-Code Explanation	Commentary
	<i>Quality and adequacy of topographic control.</i>	<ul style="list-style-type: none"> • MGA94 (Zone 56) • Topographic control based on Department of Lands digital terrain model.
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	<ul style="list-style-type: none"> • Not relevant to current drilling.
	<i>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.</i>	<ul style="list-style-type: none"> • Not relevant to current drilling.
	<i>Whether sample compositing has been applied.</i>	<ul style="list-style-type: none"> • Core sample intervals were based in logged mineralisation and no sample compositing applied. Reporting of final results includes many weighted average- compositing of assay data.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	<ul style="list-style-type: none"> • The orientation of the mineralisation is unknown. The drilling program is aimed at determining orientation of the base of mineralisation by drilling three holes.
	<i>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.</i>	<ul style="list-style-type: none"> • It is uncertain whether sampling bias has been introduced, or whether the thickness drilled is a true thickness.
Sample security	<i>The measures taken to ensure sample security.</i>	<ul style="list-style-type: none"> • Core samples will be stored at the Gibsons core yard before express overnight freight to Australian Laboratory Services Pty. Ltd. (ALS) Brisbane. Sample movements and security documented by ALS Chain of Custody.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	<ul style="list-style-type: none"> • Not undertaken at this stage

3 Section 2: Reporting of Exploration Results

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

Criteria	JORC-Code Explanation	Commentary														
Mineral tenement and land tenure status	<i>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.</i>	<ul style="list-style-type: none">• The Halls Peak Project comprises granted Exploration Licenses EL 4474 and EL 7679, located in north-eastern NSW and covering an area of about 84km².• There are no known impediments to operate on the tenements														
	<i>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.</i>		<ul style="list-style-type: none">• Tenure is current and in good standing													
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<ul style="list-style-type: none">• Exploration for base metals and gold have been conducted at Halls Peak since 1896 when massive sulphide deposits were discovered by prospectors. There was some small-scale mining of deposits of copper, lead, zinc and silver ore on the east side of the Chandler River until 1916. According to Report 52 – The Geological Survey of New South Wales “In 1965, 1,600 tons of ore were mined to give 263 tons of lead, 450 tons of zinc, 46.3 tons of copper and 12523 oz of silver”. Following this several exploration campaigns were conducted until the mid-1980’s for massive sulphides and silver by major mining companies such as BHP Co. Ltd., Mt. Isa Mines Ltd., The Zinc Corporation Ltd., Halls Peak Australia Limited and Allstate Exploration N.L. but most work was hindered as none were able to secure tenure to the whole area. All of these work programs comprising drilling, geochemistry and geophysics have resulted in an immense body of data.														
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	<ul style="list-style-type: none">• Halls Peak is in the southern part of the New England Orogen, a belt of continental crust uplifted to form a mountainous region. Mineralisation is hosted in the Permian Halls Peak Volcanics, a sequence of felsic volcanic, volcanoclastic and sedimentary rocks that have been deformed and metamorphosed due to their formation in a rift setting. Sulphide mineralisation is stratiform with several massive sulphide bodies within broad zones of disseminated and stockwork sulphides. Massive sulphide bodies are generally moderate to steeply dipping and up to tens of metres across. The massive sulphides are often associated with sulphidic shale and siltstone within zones of stockwork and disseminated sulphides in sericite-quartz altered rocks. Sulphide mineralisation is dominated by sphalerite and galena, with minor amounts of chalcopyrite, pyrite and tetrahedrite. Metal grades in massive sulphides can average 3.5% Cu, 8% Pb, 24% Zn, 260g/t Ag and 0.42g/t Au.														
Drill hole Information	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill</i>	<table><tr><th>Hole ID</th><th>Easting</th><th>Northing</th><th>RL</th><th>Azimuth</th><th>Dip</th><th>To Depth (m)</th></tr><tr><td>CRR21DD_04</td><td>407647</td><td>6598047</td><td>818.2</td><td>180</td><td>80</td><td>231.6</td></tr></table>	Hole ID	Easting	Northing	RL	Azimuth	Dip	To Depth (m)	CRR21DD_04	407647	6598047	818.2	180	80	231.6
	Hole ID		Easting	Northing	RL	Azimuth	Dip	To Depth (m)								
CRR21DD_04	407647	6598047	818.2	180	80	231.6										
	<i>easting and northing of the drill hole collar</i>															

Criteria	JORC-Code Explanation	Commentary
	<p><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></p> <p><i>dip and azimuth of the hole</i></p> <p><i>down hole length and interception depth</i></p> <p><i>hole length.</i></p> <p><i>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.</i></p>	<ul style="list-style-type: none"> • Not relevant
Data aggregation methods	<p><i>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.</i></p> <p><i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	<ul style="list-style-type: none"> • Uncut • All aggregate intercepts detailed on tables and in text are weighted averages. • None used
Relationship between mineralisation widths and intercept lengths	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>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').</i></p>	<ul style="list-style-type: none"> • True width not currently known. All lengths are down-hole lengths and not true width. • The precise geometry is not currently known but is being tested by the planned drilling, with diamond drill hole azimuths designed to drill normal to the interpreted mineralised structure. • Down-hole length reported, true width not known.

Criteria	JORC-Code Explanation	Commentary
Diagrams	<i>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.</i>	<ul style="list-style-type: none"> • The drilling is aimed at clarifying the structure of the mineralisation.
Balanced reporting	<i>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.</i>	<ul style="list-style-type: none"> • Representative reporting of all relevant grades is provided in tables to avoid misleading reporting of Exploration Results.
Other substantive exploration data	<i>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.</i>	<ul style="list-style-type: none"> • Overview of exploration data leading to selection of drill targets provided. • There were no deleterious elements identified.
Further work	<i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	<i>Drill program totalling 6,400m to both verify historical drilling at Halls Peak but also to test deeper VTEM targets.</i>