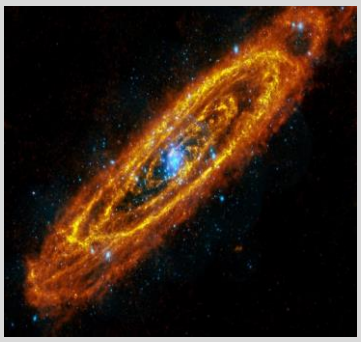

Andromeda Metals Limited
ABN: 75 061 503 375

Corporate details:

ASX Code: ADN

Cash (30 Sep 2020): $3.66 million

Issued Capital:
1,911,991,117 ordinary shares
238,545,623 ADNOB options
94,000,000 unlisted options

Directors:

Rhod Grivas
Non-Executive Chairman

James Marsh
Managing Director

Nick Harding
Executive Director and Company Secretary

Joe Ranford
Operations Director

Andrew Shearer
Non-Executive Director

Contact details:

69 King William Road,
Unley, South Australia 5061

PO Box 1210
Unley BC SA 5061

Tel: +61 8 8271 0600
Fax: +61 8 8271 0033

admin@andromet.com.au
www.andromet.com.au

Andromeda METALS

ASX Announcement

12 November 2020

Positive Results from Concrete and Coatings Application Testing

Summary

Halloysite-Kaolin Testing for Concrete Applications

- **Testing of Great White Project halloysite-kaolin across a number of concrete application mix designs continues to deliver positive results.**
- **Early results are consistent with those recorded for the Hammerhead deposit which could allow supply to the concrete market on mining commencing at Great White.**
- **Clear strength gains were found in Self Consolidating Concrete.**
- **Long term concrete slump properties were maintained with halloysite-kaolin addition.**
- **Australian Concrete Standards Certification due in late November.**
- **Halloysite-kaolin performed very well against the 32MPa concrete control displaying desirable properties in "slab on ground" applications.**
- **Concrete strength results were typically about 1.5MPa higher at 28 days, even with higher water content in the mix designs.**
- **Halloysite-kaolin addition in concrete gave a very significant reduction in bleed.**
- **Investigations into the halloysite content vs. performance benefits are in progress.**

High-Purity Kaolin Testing for Coating and Polymer Applications

- **Ultra-high purity kaolin (non-halloysite type) from Great White and Mount Hope has shown exceptional results for coating and polymer applications.**
- **Results from both deposits are of the highest quality, with brightness properties superior to market leading products which are currently sold for A$1,000/t [(i)].**
- **The Great White material was sourced from within and extensional to the existing mine design area and representative of the average purity.**
- **Samples are now being tested as feed for High Purity Alumina production due to the incredibly low level of impurities.**
- **Material from both deposits has been refined to commercial standard and can be used for customer approvals.**

Discussion

Andromeda Metals Limited (ASX Code: ADN, Andromeda, the Company) is pleased to announce further positive results from testwork undertaken in the newly identified applications of concrete and coatings.

Halloysite-Kaolin Testing for Concrete Applications

Following receipt of some initial highly encouraging test results of halloysite-kaolin material in concrete and mine backfill applications, testing has continued and been expanded into a number of commercially important concrete application mix designs, and is continuing to deliver very positive results. A number of important handling and performance improvements of the concrete are being found with addition levels of only 1kg – 2kg/m^3 of halloysite-kaolin, which Andromeda considers will make this potentially of genuine commercial interest for the existing domestic and global market. Testing will continue with official Australian Concrete Standards Certification anticipated in late November 2020.

The concrete industry represents a new and very significant domestic and global market opportunity for halloysite-kaolin where results to date indicate that it provides genuine benefits. Most importantly, at an addition level that makes it commercially attractive to use, it potentially represents a much higher value to Andromeda than other applications. Once the reduced amount of required processing is factored in, the opportunity becomes extremely compelling.

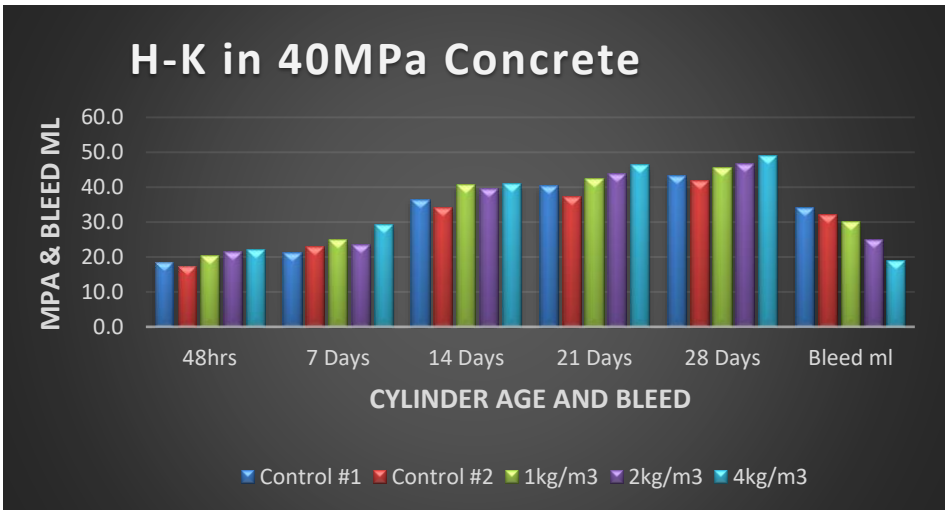

Figure 1 – Halloysite-Kaolin Results in 40MPa Concrete up to 28 Days

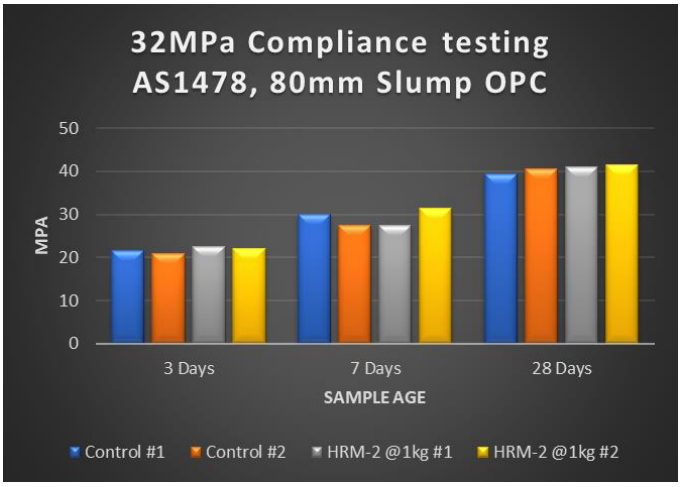

Figure 2 – Australian Standards Compliance Testing Progress

Concrete application areas under testing which are currently all showing positive results include; self-consolidating concrete, shotcrete, pool mix and deep foundation pilings. As a result, a large-scale underground shotcrete trial is planned to obtain real-life performance data on the benefits from halloysite-kaolin addition.

High-Purity Kaolin Testing for Coating and Polymer Applications

Exploration drilling carried out at the Great White and Mount Hope deposits identified significant regions of kaolin with minimal halloysite content, but of exceptional high purity. Whilst this material does not have the right balance of properties for porcelain customers, it is of significant interest to the coatings and polymer sectors where such mineralogy is highly desirable. Consequently, large representative samples of ultra-high purity kaolin from the Great White and Mount Hope deposits have been sent to Europe for processing and testing to determine their suitability for these high-value markets where commercial kaolin products (Imerys Supreme) are currently sold for approximately A$1,000/t [(i)] (see Appendix 1 to 6 detailing drillholes and assay results of the samples tested).

The ISO brightness and the particle size distributions of the refined products at 70% and 90% < 2um from both Great White and Mount Hope are exceptional, which indicates excellent potential in high value coatings and polymer markets. Ceramic fired brightness testing has been carried out as potential interest for product blending with halloysitic material, and the values were all over 100 (off-scale) which reflects the minimal impurities present. Positively, all processed samples were close to the theoretical maximum for alumina for kaolin and with virtually no colouring oxides or alkalis, which also indicates good potential to produce High Purity Alumina (HPA). The Great White halloysite-kaolin has already proven to be a premium feed for HPA production (*refer ADN ASX announcement dated 4 February 2019 titled "High Purity Alumina testing confirms premium grade feed potential at Poochera"*) and so this ultra-high purity kaolin will now be evaluated as a potential further improvement.

The refined 90% < 2um products are superior to the top commercial grades globally, and even the 70% <2um products are better in brightness, which is highly unusual.

Grade	**90% <2um**	**70% <2um**	**90% <2um**	**70% <2um**	**Eckalite YMT**	**Supreme**	**Speswhite**
Country	**Australia**	**Australia**	**Australia**	**Australia**	Australia	UK	UK
Company	**Andromeda**	**Andromeda**	**Andromeda**	**Andromeda**	Imerys	Imerys	Imerys
Deposit	**Great White**	**Great White**	**Mt Hope**	**Mt Hope**			
Brightness (%)	**90.4**	**89.2**	**90.0**	**89.0**	88.0	88.0	85.5
<2 um (%)	**94**	**72**	**92**	**73**	-	94	80
<1 um (%)	**81**	**60**	**75**	**54**	-	80	60
Surface Area (m^2/g)	**16**	**14**	**17**	**15**	-	16	14

Table 1 - Comparison vs Current Leading International Commercial Grades

Suitable potential customers will now be selected for sampling with larger quantities planned to be produced through the pilot plant at Streaky Bay which the Company is currently recommissioning to replicate the feasibility plant processing facility in order to produce Great White products to further progress this market.

About Andromeda Metals

Andromeda Metals is an emerging industrial minerals company based in Adelaide, South Australia with a vision of becoming the world's leading supplier of high grade halloysite-kaolin. The Company's primary focus is directed towards the final evaluation and development of the world class Great White Kaolin Project into production in early 2022.

The Great White Kaolin Project covers two main geographic areas of interest, both situated in the western province of South Australia (Figures 3 and 4) and is located approximately 635 kms west by road from Adelaide and 130 kms south-east from Ceduna. The Project is a joint venture between Andromeda Metals and Minotaur Exploration Limited (ASX: MEP) in which Andromeda is currently earning a 75% equity interest.

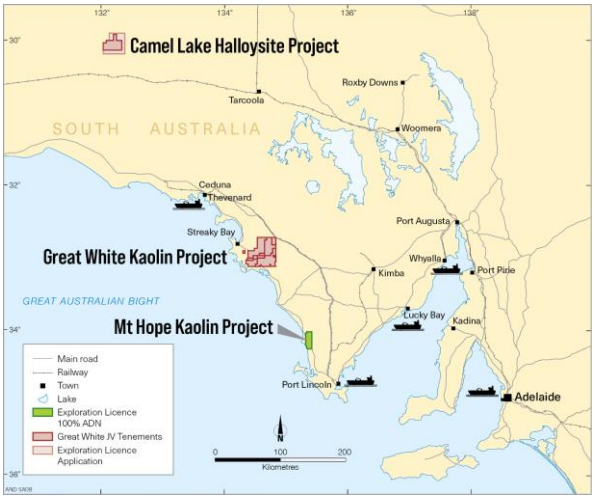

Figure 3 - Project Location Plan

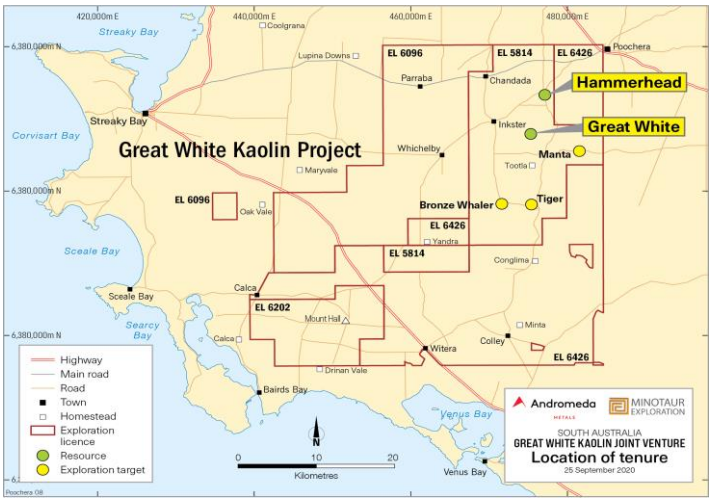

Figure 4 - Great White Joint Venture tenements

High quality halloysite-kaolin occurrences exist extensively across the Great White Project area making this a region of global significance for the mineral and capable of supporting a considerable long-life mining operation, should final feasibility studies determine the project to be commercially positive.

Andromeda Metals also holds a 100% interest in the Mount Hope Kaolin Project which is located approximately 160 kms southeast of the Great White Kaolin Project.

(i) Andromeda Metals Halloysite/Kaolin Marketing Report by Frank Hart, First test Minerals – June 19th 2020

Contact:

James Marsh
Managing Director
Email: james.marsh@andromet.com.au

Peter Taylor
Investor Relations
Ph: 0412 036 231
Email: peter@nwrcommunications.com.au

Competent Person's Statements

Information in this announcement has been assessed and compiled by Mr James Marsh, a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Marsh an employee of the Andromeda Metals Limited has sufficient experience, which is relevant to metal recovery from the style of mineralisation and type of deposits under consideration and to the activity being undertaking to qualify as a Competent Persons under the 2012 Edition of the 'Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves'. This includes over 30 years of experience in kaolin processing and applications.

The data in this announcement that relates to the Exploration Results for the Great White Kaolin Project is based on information evaluated by Mr Eric Whittaker who is a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Whittaker is the Chief Geologist of Andromeda Metals Limited and has sufficient experience 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 (the "JORC Code"). Mr Whittaker consents to inclusion in this document of the information in the form and context in which it appears.

APPENDIX 1 – GREAT WHITE KAOLIN DEPOSIT DRILL RESULTS

Final assay results have now been received from all Great White drill programs. The December 2019 drilling program comprised 56 aircore holes for a total of 1,316 metres, with additional aircore drilling conducted in May and June 2020 which comprised a further 31 aircore holes for 890 metres. These drill programs were for various purposes including investigating and installing monitor bores for a hydro-geological investigations, infill drilling within the proposed first year mining area as identified in the June 2020 PFS (*refer ADN ASX announcement dated 1 June 2020 titled "Pre-Feasibility Study Further Improves Poochera Economics")*, near mine exploration to the east of the proposed pit as well as sterilisation drilling of the processing plant and infrastructure location to the east of the Great White deposit. Significant composite assay results from the high purity kaolinite portion of the Great White Kaolin deposit are presented in Table 2 and shown in Figure 5. Drillhole collars and assay results are respectively presented in full in Appendix 5 and Appendix 6.

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW19AC029	12	19	7	61.5	90.2	0.23	38.2	0.44	97	1
CW19AC030	12	23	11	47.2	88.4	0.21	36.2	0.23	88	0
CW19AC098	13	21	8	56.0	89.2	0.13	37.8	0.53	95	0
CW19AC099	11	16	5	69.1	88.1	0.14	39.0	0.56	98	0
CW19AC100	12	23	11	57.3	87.4	0.11	38.3	0.60	95	0
CW19AC101	15	20	5	66.0	88.3	0.15	38.8	0.53	98	0
CW19AC102	12	17	5	64.1	87.7	0.22	38.5	0.71	98	1
CW19AC109	20	25	5	55.5	88.2	0.17	37.4	0.62	92	0
CW19AC120	12	21	9	46.6	89.4	0.30	36.4	0.16	81	0
CW19AC132	20	25	5	46.6	88.6	0.19	35.8	0.78	87	0

Table 2 - Significant composite assay results from the high purity kaolinite portion of the Great White Kaolin deposit

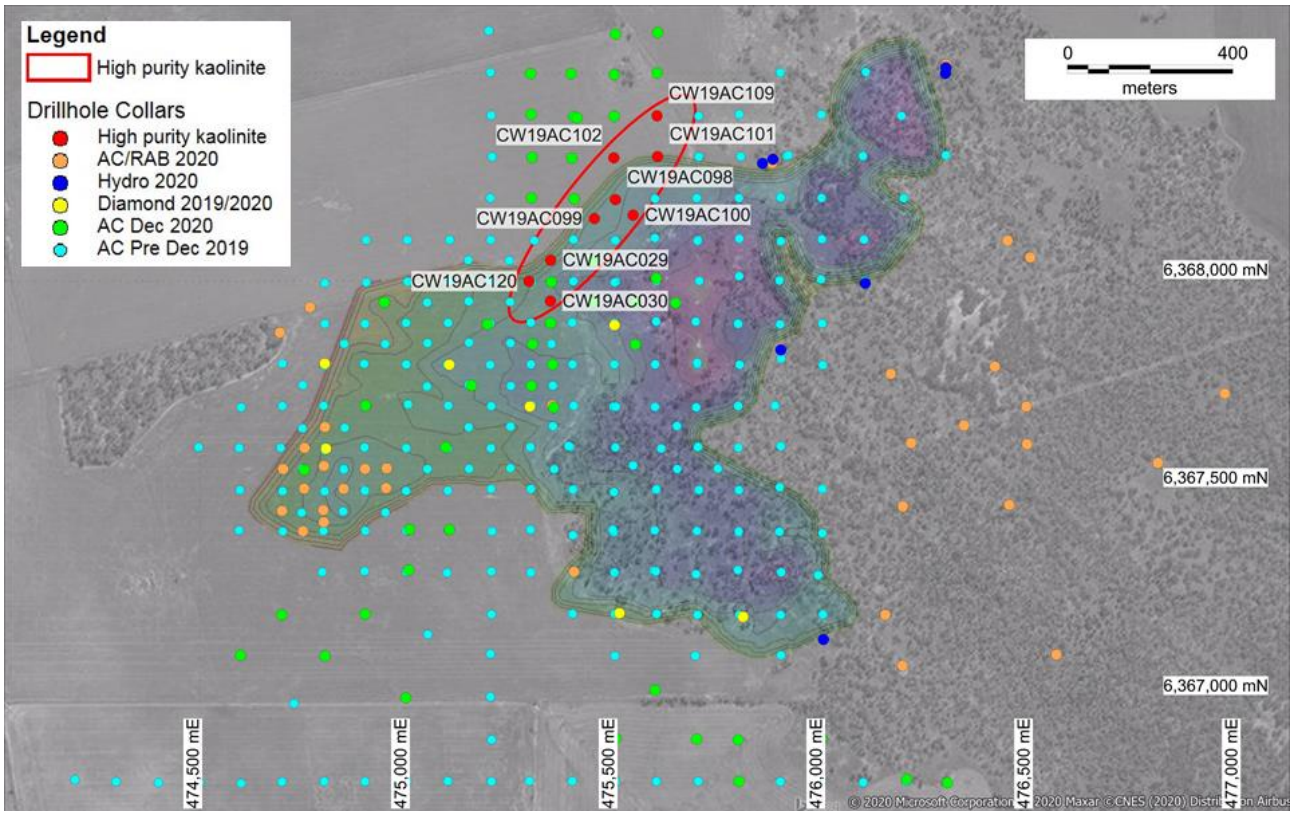

Figure 5 – Great White drill collars with high purity kaolin coloured red, MGA Zone 53 GDA 94

In addition to the high purity kaolin the 2020 aircore drilling intercepted significant levels of halloysite kaolin to the east of the proposed pit, summaries in Table 3.

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW20AC006	20	29	9	52.9	85.7	0.38	37.3	0.10	76	15
CW20AC007	8	21	13	53.8	87.9	0.44	37.9	0.36	61	37
CW20AC007	21	28	7	39.0	77.8	0.74	36.3	0.11	58	34
CW20AC023	18	31	13	58.5	81.4	0.53	38.0	0.48	64	33
CW20AC027	18	31	13	57.2	83.2	0.58	37.9	0.53	75	22

Table 3 - Significant composite assay results to the SE of the Great White Kaolin deposit

In July 2020 4 water bores and a monitor well were completed and pump tests undertaken for the hydro-geological studies, which are now approaching completion. While the RC rig was onsite the opportunity was taken to drill 3x 200mm holes to recover 2,800kg from within the proposed first year mining area for test work and customer evaluation.

APPENDIX 2 – GREAT WHITE DEPOSIT COMPOSITED ASSAY DATA TESTED FOR HIGH PURITY KAOLIN

Hole ID	Depth From (m)	Depth To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW19AC098	13	17	4	63.1	88.8	0.14	38.9	0.43	98	0
CW19AC101	15	20	5	66.0	88.3	0.15	38.8	0.53	98	0
CW19AC102	14	17	3	68.3	89.0	0.24	38.8	0.44	98	0

Table 4 – Summary of composite high purity Great White kaolin sample

APPENDIX 3 – GREAT WHITE 1 METRE ASSAYS TESTED FOR HIGH PURITY ALUMINA

Hole ID	Depth From (m)	Depth To (m)	Interval (m)	-45µm (%)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	CaO (%)	MgO (%)	Ni (ppm)
CW19AC029	15	16	1	65.2	0.13	38.05	0.54	0.21	0.03	0.06	7.2
CW19AC029	16	17	1	70.7	0.11	38.62	0.38	0.11	0.02	0.08	6.2
CW19AC029	17	18	1	68.5	0.13	38.49	0.38	0.10	0.02	0.09	8.4
CW19AC029	18	19	1	60.5	0.16	37.65	0.56	0.07	0.02	0.07	16.8

Table 5 – Analyses of individual metres of Great White sample sent for HPA suitability analysis

APPENDIX 4 – MT HOPE DEPOSIT COMPOSITED ASSAY DATA TESTED FOR HIGH PURITY KAOLIN

Summary intercepts by drillhole for Mt Hope composite sample submitted for high purity kaolin analysis (*refer ADN ASX announcement dated 11 August 2020 titled "New Mineral Resource for the Mount Hope Kaolin Project"*) are listed in Table 6 and collar locations shown on Figure 6.

Hole ID	Depth From (m)	Depth To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
MH20AC002	9	24	15	45.1	84.5	0.27	37.5	0.41	91	0
MH20AC003	10	19	9	36.9	84.0	0.29	35.3	0.54	86	0
MH20AC006	8	14	6	36.8	85.1	0.36	34.2	0.61	81	0
MH20AC017	10	23	13	46.7	84.6	0.20	36.3	0.69	91	0
MH20AC018	13	18	5	37.8	84.0	0.40	34.9	0.54	80	0
MH20AC020	8	26	18	50.5	84.6	0.19	36.7	0.75	90	0
MH20AC021	12	21	9	42.9	85.3	0.23	36.6	0.57	88	0
MH20AC023	11	18	7	48.9	83.2	0.24	35.8	0.66	89	0
MH20AC024	9	19	10	48.7	84.9	0.23	36.3	0.69	92	0
MH20AC026	11	19	8	50.3	86.3	0.19	36.6	0.65	91	0
MH20AC030	12	16	4	42.4	84.1	0.46	34.7	0.43	91	0
MH20AC031	13	27	14	45.7	82.6	0.28	36.6	0.50	86	0
MH20AC032	11	21	10	36.5	83.4	0.28	34.9	0.67	84	0
MH20AC038	13	27	14	46.3	84.6	0.21	36.4	0.74	88	0
MH20AC039	7	18	11	46.2	85.9	0.30	36.7	0.48	90	0

Table 6 – Summary of composite high purity Mt Hope kaolin sample

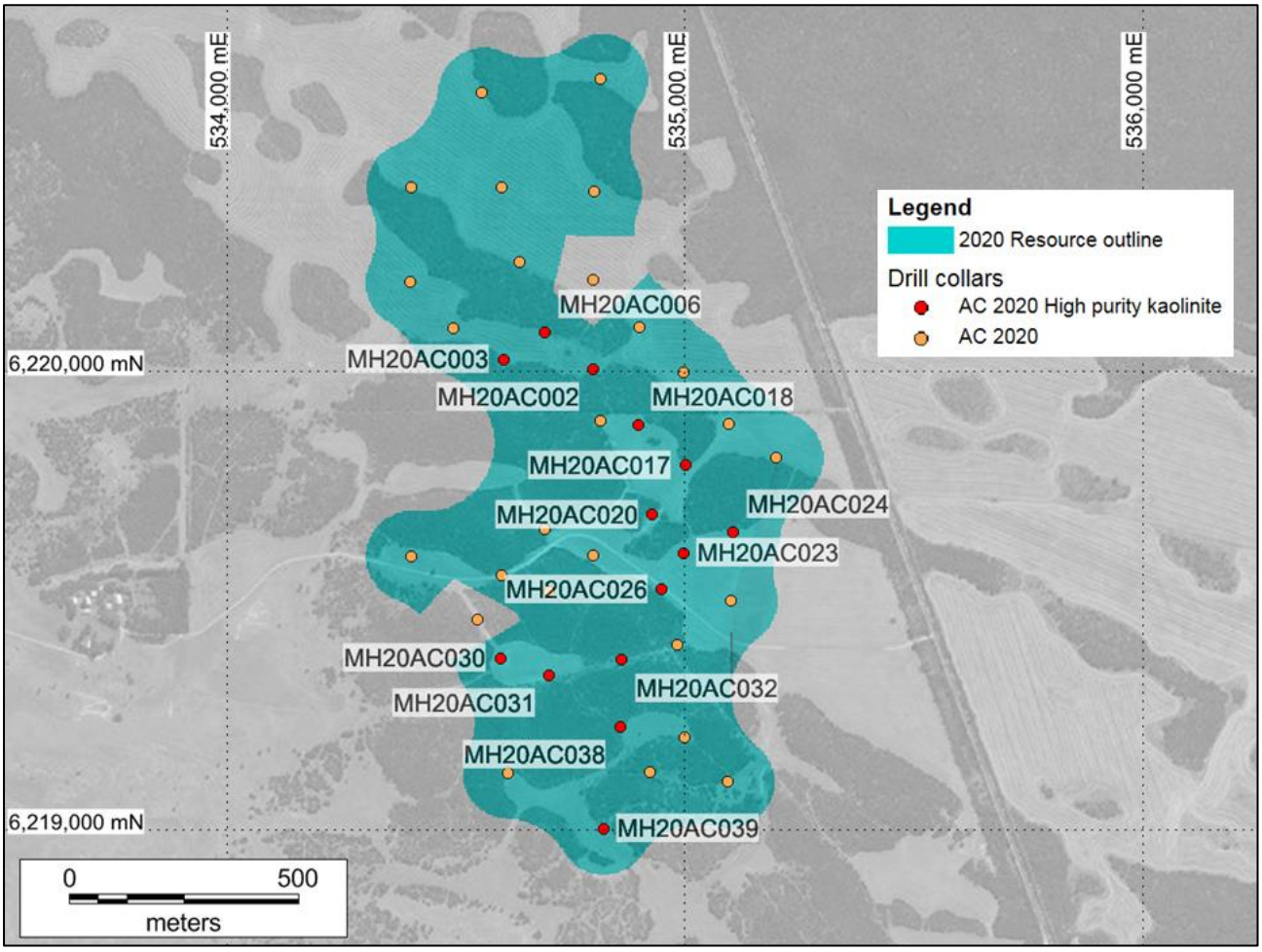

Figure 6 – Mt Hope drill collars with high purity kaolin coloured red, MGA Zone 53 GDA 94

APPENDIX 5 – GREAT WHITE PROSPECT 2019-2020 AIRCORE DRILL COLLAR AND SAMPLE INFORMATION

Hole ID	Easting (MGA94)	Northing (MGA94)	Collar RL (m)	Hole inclination (^{O})	Hole azimuth (^{O})	Final depth (m)	Hole Diameter (mm)	Sampled Start depth (m)	Sampled End depth (m)	Sampled Start depth (m)	Sampled End depth (m)	Interval sampled (m)
CW19AC096	475299	6368200	123.2	-90	0	13	77	Hole Not Sampled				
CW19AC097	475402	6368198	120.5	-90	0	16	77	12	15			3
CW19AC098	475501	6368196	118.0	-90	0	22	77	11	21			10
CW19AC099	475450	6368150	118.9	-90	0	17	77	11	16			5
CW19AC100	475543	6368159	116.6	-90	0	25	77	12	23			11
CW19AC101	475602	6368300	116.8	-90	0	21	77	13	20			7
CW19AC102	475497	6368297	119.1	-90	0	18	77	12	17			5
CW19AC103	475396	6368296	121.4	-90	0	22	77	13	21			8
CW19AC104	475300	6368297	124.1	-90	0	19	77	12	18			6
CW19AC105	475298	6368401	125.4	-90	0	24	77	14	22			8
CW19AC106	475400	6368395	122.7	-90	0	16	77	Hole Not Sampled				
CW19AC107	475408	6368393	122.4	-90	0	26	77	16	25			9
CW19AC108	475498	6368397	120.4	-90	0	26	77	13	25			12
CW19AC109	475601	6368397	117.9	-90	0	26	77	15	25			10
CW19AC110	475498	6368497	122.7	-90	0	27	77	19	26			7
CW19AC111	475394	6368499	124.3	-90	0	31	77	18	29			11
CW19AC112	475297	6368499	126.7	-90	0	26	77	18	25			7
CW19AC113	475501	6368594	122.2	-90	0	30	77	21	29			8
CW19AC114	475603	6368598	120.3	-90	0	39	77	21	37			16
CW19AC115	475601	6368501	118.9	-90	0	30	77	19	29			10
CW19AC116	475599	6368007	115.0	-90	0	39	77	18	38			20
CW19AC117	475547	6367949	116.1	-90	0	33	77	15	29			14
CW19AC118	475448	6367950	118.3	-90	0	30	77	14	29			15
CW19AC119	475347	6367998	120.5	-90	0	29	77	12	27			15
CW19AC120	475293	6368000	121.7	-90	0	23	77	12	21			9
CW19AC121	475302	6367849	120.3	-90	0	24	77	11	20			9
CW19AC122	475299	6367748	119.4	-90	0	22	77	16	18			2
CW19AC123	475352	6367696	118.1	-90	0	17	77	Hole Not Sampled				
CW19AC124	475345	6367899	119.9	-90	0	22	77	12	21			9
CW19AC125	475193	6367896	123.0	-90	0	26	77	18	19			1
CW19AC126	475155	6367749	122.0	-90	0	24	77	10	22			12
CW19AC127	475092	6367601	123.0	-90	0	23	77	10	20			10
CW19AC128	475005	6367403	125.1	-90	0	21	77	13	17			4
CW19AC129	474752	6367546	129.1	-90	0	30	77	12	20			8
CW19AC130	474900	6367701	128.2	-90	0	23	77	14	21			7
CW19AC131	474944	6367949	129.3	-90	0	15	77	11	14			3
CW19AC132	475447	6368049	118.7	-90	0	27	77	16	25			9
CW19AC133	475646	6367948	114.5	-90	0	42	77	Hole Not Sampled				
CW19AC134	475549	6367848	115.1	-90	0	26	77	12	24			12
CW19AC135	475596	6367017	115.8	-90	0	21	77	Hole Not Sampled				
CW19AC136	474996	6366998	118.2	-90	0	19	77	Hole Not Sampled				
CW19AC137	474598	6367101	116.8	-90	0	13	77	Hole Not Sampled				
CW19AC138	474698	6367198	119.8	-90	0	13	77	Hole Not Sampled				
CW19AC139	474898	6367200	121.8	-90	0	11	77	Hole Not Sampled				
CW19AC140	475003	6367306	124.3	-90	0	11	77	Hole Not Sampled				
CW19AC141	474802	6367098	119.5	-90	0	18	77	Hole Not Sampled				
CW19AC142	475101	6367403	122.9	-90	0	24	77	14	20			6
CW19AC143	475502	6366900	114.9	-90	0	7	77	Hole Not Sampled				
CW19AC144	475696	6366899	114.3	-90	0	19	77	10	18			8
CW19AC145	475796	6366897	113.3	-90	0	21	77	15	17			2
CW19AC146	475997	6366902	112.9	-90	0	31	77	9	27			18
CW19AC147	476201	6366803	113.9	-90	0	31	77	10	25			15
CW19AC149	476300	6366794	113.2	-90	0	24	77	12	21			9
CW19AC150	475798	6366798	112.3	-90	0	29	77	12	27			15
CW19AC151	475797	6366700	112.0	-90	0	26	77	10	17			7
CW19AC157	475350	6367800	118.8	-90	0	28	77	13	20	24	27	10
CW20AC001	475401	6367301	116.3	-90	0	9	77	Hole Not Sampled				

Hole ID	Easting (MGA94)	Northing (MGA94)	Collar RL (m)	Hole inclination (^{O})	Hole azimuth (^{O})	Final depth (m)	Hole Diameter (mm)	Sampled Start depth (m)	Sampled End depth (m)	Sampled Start depth (m)	Sampled End depth (m)	Interval sampled (m)
CW20AC002	475349	6367702	118.1	-90	0	26	77	17	20			3
CW20AC003	476163	6367777	114.5	-90	0	33	77	24	31			7
CW20AC004	476213	6367611	114.3	-90	0	30	77	20	28			10
CW20AC005	476192	6367457	112.5	-90	0	16	77	Hole Not Sampled				
CW20AC006	476193	6367459	112.5	-90	0	32	77	18	29			11
CW20AC007	476192	6367076	110.7	-90	0	31	77	8	28			20
CW20AC008	476150	6367198	110.8	-90	0	22	77	12	14			2
CW20AC009	476340	6367653	115.3	-90	0	39	77	22	37			15
CW20AC010	476414	6367795	115.3	-90	0	44	77	24	33			9
CW20AC011	476490	6367699	112.3	-90	0	38	77	20	37			17
CW20AC012	474798	6367450	127.1	-90	0	38	77	13	36			23
CW20AC013	474699	6367448	126.4	-90	0	18	77	13	15			2
CW20AC014	474749	6367399	125.6	-90	0	19	77	14	16			2
CW20AC015	474949	6367503	126.4	-90	0	28	77	14	23			9
CW20AC016	474950	6367550	126.5	-90	0	32	77	14	30			16
CW20AC017	474898	6367549	127.7	-90	0	28	77	13	27			14
CW20AC018	474799	6367421	126.5	-90	0	30	77	14	27			13
CW20AC019	474701	6367549	128.8	-90	0	23	77	12	19			7
CW20AC020	474753	6367599	130.1	-90	0	20	77	9	17			8
CW20AC021	474801	6367649	130.3	-90	0	30	77	10	24			14
CW2OMB002	476295	6368499	113.0	-90	0	30	77	Hole Not Sampled				
CW20AC022	476445	6368098	112.0	-90	0	25	77	Hole Not Sampled				
CW20AC023	476492	6367608	112.6	-90	0	32	77	18	31			13
CW20AC024	476562	6367102	109.0	-90	0	17	77	10	15			5
CW20AC025	476449	6367462	112.7	-90	0	19	77	16	18			2
CW20AC026	476968	6367730	109.7	-90	0	54	77	25	36			11
CW20AC027	476807	6367563	107.9	-90	0	34	77	18	33			15
CW20AC028	476499	6368057	111.9	-90	0	37	77	22	34			12
CW20MB001	476102	6367995	114.8	-90	0	30	77	Installed Monitor Bore, no metullurgical samples taken				
CW20AC029	477683	6367967	117.4	-90	0	27	77	Hole Not Sampled				
CW20RB001	476297	6368520	113.2	-90	0	50	200	Hole Not Sampled				
CW20RB002	475878	6368284	119.4	-90	0	29	200	Hole Not Sampled				
CW20RB003	474693	6367876	136.5	-90	0	102	200	Hole Not Sampled				
CW20RB004	474752	6367501	128.2	-90	0	22	200	10	22			12
CW20RB005	474847	6367501	128.1	-90	0	28	200	12	28			16
CW20RB006	474799	6367556	129.3	-90	0	29	200	10	29			19
CW20RB007	474766	6367937	134.8	-90	0	90	200	Hole Not Sampled				
CW20WB003	476002	6367138	112.4	-90	0	50	200	Installed Water Bore, no metullurgical samples taken				
CW20WB005	476296	6368514	113.2	-90	0	29	200	Installed Water Bore, no metullurgical samples taken				
CW20WB002	475899	6367835	116.5	-90	0	29	200	Installed Water Bore, no metullurgical samples taken				
CW20WB006	475855	6368283	118.5	-90	0	74	200	Installed Water Bore, no metullurgical samples taken				
CW20MB003	475880	6368293	119.3	-90	0	72	200	Installed Monitor Bore, no metullurgical samples taken				

APPENDIX 6 – GREAT WHITE PROSPECT 2020 CHEMISTRY RESULTS

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW19AC097	12	15	3	41.0	83.8	0.39	36.5	0.62	96	0
CW19AC098	11	13	2	55.1	84.7	0.39	36.2	1.15	94	0
CW19AC098	13	17	4	63.1	88.8	0.14	38.9	0.43	98	0
CW19AC098	17	19	2	55.3	89.5	0.11	37.1	0.50	93	0
CW19AC098	19	21	2	42.8	89.8	0.14	36.2	0.74	89	0
CW19AC099	11	16	5	69.1	88.1	0.14	39.0	0.56	98	0
CW19AC100	12	16	4	56.5	86.7	0.19	38.8	0.70	93	4
CW19AC100	16	19	3	57.6	87.4	0.06	38.7	0.56	98	0
CW19AC100	19	21	2	59.4	87.9	0.06	38.4	0.51	98	0
CW19AC100	21	23	2	56.4	88.2	0.09	36.8	0.56	92	0
CW19AC101	13	15	2	62.0	85.7	0.21	38.4	0.74	96	2
CW19AC101	15	18	3	65.6	87.4	0.17	38.8	0.57	98	0
CW19AC101	18	20	2	66.6	89.7	0.11	38.8	0.48	99	0
CW19AC102	12	14	2	57.8	85.6	0.20	38.0	1.11	98	0
CW19AC102	14	17	3	68.3	89.0	0.24	38.8	0.44	98	0
CW19AC103	13	16	3	58.9	87.9	0.44	38.5	0.59	99	0
CW19AC103	16	19	3	55.3	88.1	0.67	36.5	0.49	91	0
CW19AC103	19	21	2	40.7	87.4	0.53	36.4	0.65	91	0
CW19AC104	12	15	3	46.7	86.4	0.59	36.0	0.90	94	0
CW19AC104	15	18	3	48.4	88.5	0.49	35.9	0.64	90	0
CW19AC105	14	17	3	44.6	86.4	0.36	37.9	0.75	98	0
CW19AC105	17	20	3	53.3	88.6	0.27	38.6	0.50	98	0
CW19AC105	20	22	2	51.0	88.9	0.14	37.0	0.59	92	0
CW19AC107	16	17	1	53.7	76.2	0.84	34.6	2.44	90	0
CW19AC107	17	20	3	55.5	86.1	0.29	36.1	0.94	90	0
CW19AC107	20	23	3	46.8	88.8	0.27	36.9	0.66	92	0
CW19AC107	23	25	2	41.2	87.5	0.36	36.9	0.71	93	0
CW19AC108	13	14	1	23.7	71.3	0.93	28.9	1.16	74	5
CW19AC108	14	17	3	61.2	87.5	0.41	38.0	0.55	97	0
CW19AC108	17	18	1	59.0	85.7	0.51	35.7	0.49	89	0
CW19AC108	18	22	4	45.9	87.3	0.31	35.7	0.63	88	0
CW19AC108	22	23	1	30.8	71.6	1.16	36.0	0.87	89	1
CW19AC108	23	25	2	31.0	84.7	0.36	36.6	0.88	90	1
CW19AC109	15	16	1	57.7	79.1	0.63	37.2	0.82	82	14
CW19AC109	16	20	4	59.7	83.9	0.17	38.6	0.66	92	6
CW19AC109	20	23	3	61.6	87.8	0.13	38.4	0.58	94	3
CW19AC109	23	25	2	46.4	88.8	0.23	35.9	0.67	89	0
CW19AC110	19	22	3	62.6	86.1	0.37	38.3	0.69	95	3
CW19AC110	22	23	1	68.1	77.2	0.76	38.7	0.38	99	0
CW19AC110	23	25	2	62.4	86.6	0.23	37.9	0.48	96	0
CW19AC110	25	26	1	55.7	85.7	0.53	35.8	0.54	89	0
CW19AC111	18	20	2	64.2	87.9	0.56	37.7	0.56	97	0
CW19AC111	20	23	3	64.5	87.5	0.21	38.7	0.52	98	0
CW19AC111	23	26	3	61.2	78.0	0.21	37.5	0.48	94	0
CW19AC111	26	27	1	47.5	80.4	0.37	35.8	0.57	87	0
CW19AC111	27	29	2	32.9	82.2	0.90	35.0	0.72	87	0
CW19AC112	18	20	2	67.2	76.5	0.47	36.7	0.75	93	1
CW19AC112	20	24	4	56.5	85.9	0.17	38.2	0.55	95	0
CW19AC112	24	25	1	39.9	87.1	0.21	36.3	0.73	90	0
CW19AC113	21	24	3	63.0	75.7	0.64	37.9	1.04	91	6
CW19AC113	24	28	4	60.9	86.5	0.26	38.3	0.49	98	0
CW19AC113	28	29	1	51.8	87.8	0.20	36.4	0.62	89	0

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW19AC114	21	23	2	51.3	74.4	0.56	35.8	1.58	89	5
CW19AC114	23	25	2	64.3	84.6	0.16	38.5	0.56	98	0
CW19AC114	25	30	5	65.6	83.1	0.11	38.8	0.38	96	3
CW19AC114	30	35	5	56.6	81.3	0.13	38.2	0.50	97	0
CW19AC114	35	37	2	50.2	83.2	0.20	35.7	0.61	87	0
CW19AC115	19	22	3	59.5	83.7	0.20	37.8	0.72	87	9
CW19AC115	22	26	4	55.7	84.8	0.17	38.2	0.57	97	0
CW19AC115	26	29	3	55.1	84.7	0.21	36.6	0.56	90	0
CW19AC116	18	20	2	55.1	82.4	0.77	37.4	0.77	96	0
CW19AC116	20	23	3	51.3	85.3	0.33	38.5	0.87	94	2
CW19AC116	23	26	3	53.9	78.6	0.47	38.3	0.71	83	14
CW19AC116	26	31	5	48.5	82.4	0.20	36.2	0.63	90	0
CW19AC116	31	36	5	33.1	81.0	0.23	35.9	0.87	89	0
CW19AC116	36	38	2	30.7	78.1	0.60	34.1	0.90	85	0
CW19AC117	15	17	2	52.5	71.6	1.07	35.8	0.66	60	34
CW19AC117	17	22	5	55.6	79.3	0.63	37.4	0.25	66	31
CW19AC117	22	26	4	52.4	80.1	0.76	37.2	0.50	69	26
CW19AC117	26	29	3	42.0	79.9	0.71	35.7	0.70	61	27
CW19AC118	14	15	1	62.1	78.5	0.93	37.8	0.21	79	19
CW19AC118	15	17	2	59.2	74.7	1.00	37.6	0.21	66	32
CW19AC118	17	20	3	54.8	86.0	0.41	38.2	0.20	54	44
CW19AC118	20	24	4	51.7	87.2	0.86	35.4	0.14	50	46
CW19AC118	24	25	1	42.2	84.4	0.50	37.8	0.21	39	48
CW19AC118	25	27	2	36.4	86.5	0.66	36.0	0.15	47	42
CW19AC118	27	29	2	17.1	79.0	0.60	29.3	0.34	62	0
CW19AC119	12	16	4	57.5	86.9	0.54	38.6	0.11	73	25
CW19AC119	16	20	4	58.1	87.0	0.43	38.5	0.13	81	17
CW19AC119	20	24	4	48.5	86.9	0.50	36.5	0.16	91	0
CW19AC119	24	26	2	32.4	79.1	0.67	35.4	0.20	87	0
CW19AC119	26	27	1	34.9	87.0	0.34	35.7	0.23	88	0
CW19AC120	12	16	4	52.7	90.0	0.31	37.6	0.16	94	0
CW19AC120	16	19	3	44.7	88.8	0.30	35.4	0.14	87	0
CW19AC120	19	21	2	37.4	89.1	0.30	35.6	0.19	87	0
CW19AC121	11	15	4	66.8	88.1	0.61	38.2	0.13	92	5
CW19AC121	15	20	5	37.0	88.6	0.34	35.6	0.12	88	0
CW19AC122	16	18	2	59.0	87.0	0.53	37.7	0.12	97	0
CW19AC124	12	14	2	48.0	84.4	0.43	36.0	0.27	92	0
CW19AC124	14	18	4	36.2	87.3	0.40	35.4	0.13	88	0
CW19AC124	18	21	3	22.4	81.2	0.80	30.6	0.20	69	0
CW19AC125	18	19	1	45.9	84.5	0.54	38.0	0.29	96	0
CW19AC126	10	13	3	49.8	79.8	0.76	35.7	0.66	97	0
CW19AC126	13	17	4	46.4	86.1	0.61	38.2	0.10	72	25
CW19AC126	17	19	2	46.4	81.1	0.79	35.7	0.08	58	31
CW19AC126	19	20	1	36.4	72.4	1.12	35.3	0.09	79	10
CW19AC126	20	22	2	28.3	83.4	0.71	34.6	0.13	84	0
CW19AC127	10	14	4	51.2	86.1	0.60	36.9	0.11	86	10
CW19AC127	14	16	2	40.6	85.6	0.47	33.5	0.11	84	0
CW19AC127	16	18	2	34.3	87.3	0.41	34.9	0.15	85	0
CW19AC127	18	20	2	24.1	80.1	0.63	30.5	0.19	67	0
CW19AC128	13	14	1	38.8	75.7	0.43	33.5	0.66	81	4
CW19AC128	14	17	3	55.1	86.8	0.29	37.9	0.66	97	0
CW19AC130	14	16	2	51.5	75.6	0.71	38.1	0.22	90	8
CW19AC130	16	20	4	57.8	88.1	0.54	37.3	0.63	80	15
CW19AC130	20	21	1	51.6	87.0	0.33	34.8	0.68	74	11
CW19AC131	11	14	3	64.1	88.3	0.19	38.8	0.51	98	0

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW19AC132	16	20	4	49.0	80.6	0.64	36.9	1.61	94	0
CW19AC132	20	23	3	52.8	88.8	0.14	36.0	0.74	88	0
CW19AC132	23	25	2	37.3	88.5	0.27	35.4	0.85	86	1
CW19AC134	12	16	4	58.0	79.3	0.77	36.9	0.22	79	16
CW19AC134	16	20	4	57.1	82.6	0.70	37.5	0.17	78	18
CW19AC134	20	24	4	31.2	82.0	0.49	33.1	0.32	66	12
CW19AC129	12	14	2	48.4	85.1	0.37	37.4	0.94	97	0
CW19AC129	14	18	4	59.7	87.9	0.31	38.5	0.71	91	6
CW19AC129	18	20	2	56.5	81.7	0.41	37.1	0.86	73	20
CW19AC129	23	24	1	43.0	85.4	0.34	35.1	0.82	86	0
CW19AC142	14	17	3	27.0	82.1	0.29	28.9	0.99	66	0
CW19AC142	17	20	3	50.0	88.5	0.21	34.9	0.67	85	0
CW19AC149	12	17	5	44.2	82.0	0.66	35.6	0.70	93	0
CW19AC149	18	21	3	30.1	84.5	0.53	34.9	0.19	81	5
CW19AC150	12	16	4	61.4	82.8	0.61	37.6	0.61	95	0
CW19AC150	23	27	4	31.0	80.5	1.04	34.3	1.06	86	0
CW19AC151	10	14	4	20.5	67.2	0.93	27.9	0.90	67	0
CW19AC151	14	17	3	30.0	77.6	0.76	31.7	0.78	74	0
CW19AC157	13	18	5	51.9	83.5	0.64	37.6	0.15	73	24
CW19AC157	18	20	2	51.6	87.8	0.47	38.1	0.10	73	24
CW19AC157	24	27	3	23.6	85.0	0.36	32.1	0.28	74	0
CW20AC002	17	20	3	43.2	82.7	0.84	36.3	0.51	63	32
CW20AC003	24	29	5	55.6	82.2	0.42	36.4	0.48	61	29
CW20AC003	29	31	2	34.4	82.1	0.47	35.7	0.67	73	16
CW20AC004	20	25	5	58.6	87.6	0.30	37.0	0.49	75	19
CW20AC004	25	28	3	27.7	79.7	0.57	34.3	0.87	79	4
CW20AC006	18	20	2	69.9	88.0	0.39	38.4	0.24	90	6
CW20AC006	20	23	3	69.0	89.1	0.31	38.6	0.07	70	29
CW20AC006	23	25	2	57.6	87.0	0.33	37.9	0.09	78	18
CW20AC006	25	29	4	38.6	82.5	0.46	36.0	0.12	79	12
CW20AC007	8	12	4	60.1	87.0	0.37	38.0	0.33	81	18
CW20AC007	12	14	2	56.1	87.9	0.51	38.0	0.32	62	36
CW20AC007	14	18	4	51.6	88.1	0.54	37.7	0.48	52	45
CW20AC007	18	21	3	47.0	89.0	0.37	38.1	0.25	44	54
CW20AC007	21	24	3	44.4	75.0	0.76	37.2	0.09	46	49
CW20AC007	24	28	4	35.0	79.9	0.72	35.7	0.13	67	23
CW20AC008	12	14	2	45.8	82.5	0.87	35.4	0.24	85	9
CW20AC009	22	25	3	51.4	79.7	0.63	37.3	0.13	76	20
CW20AC009	25	30	5	49.7	75.1	0.80	35.9	0.17	76	18
CW20AC009	30	34	4	53.6	83.0	0.36	37.3	0.13	95	0
CW20AC009	34	37	3	41.7	86.9	0.22	35.8	0.15	88	0
CW20AC010	24	28	4	56.8	86.6	0.35	38.1	0.12	65	31
CW20AC010	28	30	2	48.7	82.5	0.39	35.1	0.14	81	4
CW20AC010	30	33	3	39.4	83.9	0.29	34.7	0.18	59	23
CW20AC011	20	23	3	57.6	85.8	0.21	38.2	0.52	98	0
CW20AC011	23	27	4	57.0	85.3	0.13	37.2	0.53	94	0
CW20AC011	27	30	3	40.9	86.1	0.17	35.9	0.50	88	0
CW20AC011	30	34	4	24.6	85.0	0.19	35.3	0.74	87	0
CW20AC011	34	37	3	30.3	84.5	0.27	34.2	0.87	82	1
CW20AC012	13	15	2	42.9	80.0	0.69	36.2	0.16	77	21
CW20AC012	15	17	2	48.7	83.0	0.62	36.5	0.28	54	41
CW20AC012	17	22	5	49.3	87.9	0.60	37.9	0.20	69	29
CW20AC012	22	27	5	51.6	86.8	0.68	38.4	0.17	79	19
CW20AC012	27	30	3	49.8	86.4	0.67	37.5	0.20	72	24
CW20AC012	30	33	3	46.1	85.9	0.62	36.6	0.24	72	20

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW20AC012	33	36	3	33.3	85.4	0.63	35.5	0.31	75	15
CW20AC013	13	15	2	42.8	81.5	0.54	35.3	0.75	88	0
CW20AC014	14	16	2	24.0	70.7	0.66	26.2	0.21	58	0
CW20AC015	14	15	1	53.8	87.4	0.67	37.7	0.13	83	15
CW20AC015	15	18	3	49.4	72.9	1.02	37.6	0.12	82	16
CW20AC015	18	20	2	48.2	87.2	0.58	36.4	0.11	79	15
CW20AC015	20	21	1	46.1	71.6	1.08	35.4	0.16	78	12
CW20AC015	21	23	2	42.1	71.3	1.13	35.7	0.15	90	0
CW20AC016	14	19	5	49.5	86.3	0.35	37.8	0.70	59	36
CW20AC016	19	23	4	56.7	88.2	0.39	38.1	0.61	65	30
CW20AC016	23	26	3	57.7	89.5	0.20	36.7	0.61	70	21
CW20AC016	26	27	1	50.2	84.4	0.33	36.1	0.73	75	13
CW20AC016	27	28	1	43.9	88.6	0.27	36.5	0.51	90	0
CW20AC016	28	30	2	21.2	86.9	0.32	35.9	0.38	90	0
CW20AC017	13	15	2	40.7	77.3	0.51	35.5	0.15	54	41
CW20AC017	15	19	4	53.3	87.3	0.36	38.1	0.16	66	29
CW20AC017	19	22	3	53.4	88.3	0.28	37.4	0.14	81	12
CW20AC017	22	24	2	32.9	85.6	0.34	36.0	0.18	89	0
CW20AC017	24	27	3	30.1	79.5	0.54	34.0	0.22	83	0
CW20AC018	14	16	2	40.5	84.8	0.59	36.1	0.39	65	32
CW20AC018	16	18	2	50.6	79.3	0.72	37.8	0.25	82	17
CW20AC018	18	21	3	57.3	88.5	0.43	37.7	0.22	96	1
CW20AC018	21	23	2	49.3	87.4	0.55	35.7	0.14	90	0
CW20AC018	23	25	2	38.6	75.4	0.97	34.7	0.17	85	1
CW20AC018	25	27	2	33.7	77.0	0.96	35.0	0.22	84	3
CW20AC019	12	14	2	21.5	80.6	0.48	31.3	0.38	63	12
CW20AC019	14	15	1	42.2	78.0	0.58	36.2	0.35	92	0
CW20AC019	15	17	2	51.6	86.8	0.49	36.8	0.73	91	2
CW20AC019	17	19	2	46.3	67.0	1.31	34.7	0.64	54	32
CW20AC020	9	11	2	31.4	67.1	0.64	30.4	0.92	68	5
CW20AC020	11	14	3	48.8	83.8	0.57	37.4	0.70	81	15
CW20AC020	14	17	3	58.8	89.4	0.22	37.7	0.59	93	3
CW20AC021	10	12	2	29.2	82.5	0.61	34.4	0.82	75	10
CW20AC021	12	14	2	46.6	87.5	0.46	37.8	0.22	80	17
CW20AC021	14	15	1	53.7	78.2	0.56	38.5	0.11	84	14
CW20AC021	15	20	5	53.3	86.3	0.56	38.3	0.13	80	17
CW20AC021	20	24	4	50.6	86.8	0.59	37.5	0.14	78	15
CW20AC023	18	21	3	57.8	82.3	0.55	37.7	0.59	60	37
CW20AC023	21	25	4	60.1	84.2	0.59	38.2	0.48	60	37
CW20AC023	25	28	3	56.9	81.2	0.60	38.1	0.46	59	38
CW20AC023	28	31	3	58.8	76.9	0.37	38.0	0.38	76	20
CW20AC024	10	13	3	66.8	85.4	0.48	37.8	0.74	97	0
CW20AC024	13	15	2	59.5	86.1	0.71	36.9	0.72	94	0
CW20AC025	16	18	2	47.6	86.9	0.45	35.4	0.56	88	0
CW20AC026	25	27	2	56.8	88.5	0.33	38.2	0.63	86	12
CW20AC026	27	29	2	60.3	85.7	0.34	38.1	0.58	82	15
CW20AC026	29	31	2	60.3	78.1	0.39	38.0	0.54	75	22
CW20AC026	31	36	5	64.0	74.6	0.27	38.4	0.45	98	0
CW20AC027	18	20	2	57.6	83.7	0.66	37.3	0.57	93	5
CW20AC027	20	21	1	59.8	71.4	0.82	38.4	0.53	73	25
CW20AC027	21	26	5	56.6	84.8	0.52	38.5	0.46	79	18
CW20AC027	26	31	5	57.1	83.9	0.57	37.4	0.58	64	31
CW20AC027	31	33	2	38.4	87.5	0.20	36.4	0.61	91	0
CW20AC028	22	24	2	41.8	69.2	1.54	34.1	0.42	92	2
CW20AC028	24	26	2	52.7	82.0	0.74	37.6	0.15	96	0

Hole ID	From (m)	To (m)	Interval (m)	-45µm (%)	Reflectance (ISO B)	Fe2O3 (%)	Al2O3 (%)	TiO2 (%)	Kaolinite (%)	Halloysite (%)
CW20AC028	26	27	1	47.1	78.8	0.79	36.5	0.11	92	0
CW20AC028	27	30	3	43.7	77.0	0.90	35.1	0.12	87	0
CW20AC028	30	34	4	30.0	81.0	0.81	35.0	0.15	87	0
CW20RB004	10	12	2	31.7	82.0	0.58	34.8	0.86	79	3
CW20RB004	12	16	4	47.9	89.2	0.29	36.3	0.79	74	12
CW20RB004	16	19	3	46.4	82.6	0.57	35.8	0.78	78	11
CW20RB004	19	20	1	38.2	88.3	0.26	36.1	0.71	90	0
CW20RB004	20	22	2	37.8	83.2	0.47	36.1	0.77	90	0
CW20RB005	12	14	2	24.3	75.4	0.73	33.2	0.86	86	0
CW20RB005	14	17	3	36.7	80.4	0.77	35.7	1.01	88	0
CW20RB005	17	18	1	45.5	78.9	0.69	36.8	0.87	88	8
CW20RB005	18	22	4	53.7	73.1	1.04	37.4	0.60	82	14
CW20RB005	22	24	2	48.9	81.7	0.84	37.4	0.35	76	20
CW20RB005	24	26	2	43.1	72.2	1.07	37.4	0.25	52	44
CW20RB005	26	28	2	42.1	79.5	0.69	36.6	0.20	52	40
CW20RB006	10	11	1	16.0	83.4	0.29	24.3	0.98	63	0
CW20RB006	11	12	1	27.3	84.2	0.36	28.0	0.86	70	0
CW20RB006	12	16	4	40.8	87.6	0.41	36.7	0.49	70	20
CW20RB006	16	18	2	53.9	88.8	0.45	38.2	0.48	85	13
CW20RB006	18	21	3	55.7	89.3	0.20	38.3	0.65	92	6
CW20RB006	21	24	3	54.9	84.7	0.34	37.7	0.66	93	4
CW20RB006	24	26	2	50.2	80.9	0.54	36.4	0.65	80	12
CW20RB006	26	28	2	33.1	74.5	0.79	34.8	0.43	70	16
CW20RB006	28	29	1	33.3	57.5	2.22	33.9	0.68	52	33

JORC Code, 2012 Edition – Table 1 Great White and Mt Hope Deposits

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• 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. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. • In cases where 'industry standard' work has been done this would be relatively simple (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.	**Great White** • May 2019, Dec 2019, May 2020, June 2020 aircore ADN: Aircore drilling consisted of 202 vertical holes completed to industry standard. A total of 5,609m were completed generating 1m chip samples holes. Drilling penetrated beyond the kaolin to the partially decomposed parent granite. Maximum drilling depth was 54m. Sample compositing was carried out at ADN's kaolin processing facility at Streaky Bay, South Australia. Samples were then transferred to a commercial laboratory, Bureau Veritas (BV), in Adelaide for further processing. • Dec 2019 – Feb 2020 diamond drilling ADN: Seven PQ diamond holes were drilled for a total of 223.96m. The holes were drilled to collect geotechnical and density data. The density data collected from these holes was used in the mineral resource estimation. • July 2020 RAB ADN: Three 200mm diameter rotary air blast (RAB) holes were completed by Andromeda Metals ("ADN"), drilled into the area identified in the June 2020 PFS (refer ADN announcement 1 June 2020 titled *"Pre-Feasibility Study Further Improves Poochera Economics"*). A total of 79m were drilled of which 47m was used to generate 23 composited samples ranging from 1 to 4m. The holes had casing installed to restrict overburden contamination. Representative samples were collected from each meter drilled aided by stopping the drill rig between each metre interval to allow for the bagging of each sample and the cleaning of sample equipment before the recommencement of drilling. Samples were dried and analysed with a handheld XRF to aid in the compositing of samples (typically 2 to 3m) to be processed by BV. Total material recovered from the program was 2800kg of white kaolinised granite which is to be used in

Criteria	JORC Code explanation	Commentary
		upcoming ceramic testing. **Mt Hope** • 2020 Aircore ADN : aircore drilling of vertical holes to industry standard overseen by Andromeda Metals ("ADN") generating 1m chip samples. A total of 40 holes for 1,382.7m completed in May 2020. Drilling penetrated beyond the kaolin to partially decomposed gneiss parent. Maximum drilling depth is 48m. Sample compositing was carried out at a processing facility at Cummins, South Australia. Samples were then transferred to a commercial laboratory, Bureau Veritas, in Adelaide for processing.
Drilling techniques	• 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).	**Great White and Mt Hope** • May 2019, Dec 2019, May 2020, June 2020 aircore ADN: Drilling completed by McLeod Drilling Pty Ltd using an MD1 Almet drill rig. All drilled metres were completed with 77mm diameter bit using aircore or slim line drilling techniques. With a few exceptions all intervals sampled for analysis were drilled by aircore. **Great White** • July 2020 ADN: RAB Drilling completed by Underdale Drilling using an Atlas T3W rig. Drilling was with a 200mm blade bit for bulk recovery of sample and recovered approx. 60kg of kaolinised material per downhole metre drilled.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	**Great White and Mt Hope** • 2019-2020 AC ADN: All metre bags from the air core drilling that were sampled had their weights recorded before compositing and splitting for assay purposes. With a few exceptions, samples recovered were excellent, dry and competent. The depth of penetration of the drill bit was noted and the downhole interval recorded for each aircore sample. **Great White**

Criteria	JORC Code explanation	Commentary
		• July 2020 RAB ADN: Approximately 60kg of material was collected from each metre drilled. RAB Drilling bulk samples were recovered in 1m intervals, where drilling would cease and the sample containers from that 1m were collected and amalgamated. **Great White and Mt Hope** • Due to the nature of the mineralisation the sample recovery is expected to have minimal negative impact on samples collected. • It remains unknown whether any relationship exists between recovery and grades but none is expected
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	**Great White and Mt Hope** • All 2011, 2019 and 2020 drill samples were logged by experienced geologists on-site at the time of drilling. Observations on lithology, colour, degree of weathering, moisture, mineralisation and alteration for sampled material were recorded. • All intersections were logged.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	**Great White and Mt Hope** • May 2019, Dec 2019, May 2020, June 2020 ADN and 2020 Mt Hope: Riffle split sample compositing consisted of contiguous 1m drill samples up to 5m in total length, based on drill logs and visual estimation of whiteness of material. Sample composites were prepared with the aim of including kaolinised granite of similar quality within each composite, although in some cases narrow bands of discoloured kaolinised granite were included in the composite to determine if poorer quality could be carried within the interval. Each metre bag drill sample was weighed before splitting. • Sample riffle splitting took place in the kaolin processing plant in Streaky Bay (or Cummins shed for Mt Hope samples) in sterile conditions. The samples were run through a 3 tier splitter to compile

Criteria	JORC Code explanation	Commentary

		composite samples of between 2 and 4kg in weight before being transported for processing at Bureau Veritas.
		
		Great White
		• May 2019 aircore ADN: Composited samples were wet screened by soaking and agitating the sample to disaggregate the kaolinite and passed over a Kason 2 screen vibrating deck. Coarser particles were collected, re-agitated and passed through again until a visual estimation that all the kaolin had been removed (ie the water was clear). The finer separating screen was 45um. The plus and minus 45um material was oven dried at 35C and weighed. The minus 45um material was then split into several portions by a rotary splitter.
		  • Samples were processed by laboratory Bureau Veritas. Sample weights were recorded before any sampling or drying. Samples are dried at low temperature (60C) to avoid destruction of halloysite. The dried sample was then pushed through a 5.6mm screen prior to splitting.
		
		• July 2020 RAB ADN: Representative portions were spear sampled to form 1 sample/meter drilled. These samples were then split manually into composites of similar quality material based on visual observations and handheld XRF data.
		
		Great White and Mt Hope
		• Dec 2019, May 2020, June 2020 ADN and 2020 Mt Hope ADN: A small rotary splitter is used to split an 800g sample for sizing.
		  • The 800g split was then wet sieved at 180µm and 45µm. The +180 and +45µm fractions were filtered and dried with standard papers then photographed. The -45µm fraction was filtered and dried with 2micron paper.
		
		All 2019-2020 ADN samples
		• From selected intervals a small portion of the -45µm material was split for XRF analysis and 4x100gm reserves are retained by Andromeda.

Criteria	JORC Code explanation	Commentary
		• At CSIRO, Division of Land and Water, Urbrae, South Australia testing was conducted on selected -45µm samples by the method below. • The dried -45µm sample was analysed for quantitative elemental and mineralogical testing (including kaolinite:halloysite ratio estimation) by XRD. A 3gram subsample was micronised, slurried, spray dried and a spherical agglomerated sample prepared for XRD. Quantitative analysis of the XRD data was performed by CSIRO using SIROQUANT and Halloysite:Kaolinite proportions determined using profile fitting by TOPAS, calibrated by SEM point counting of a suite of 20 standards.
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	• All assay methods were appropriate for the kaolin's intended end use. • Laboratory and field duplicates were submitted for assessment. • 2020 ADN: ISO Brightness B and colours L*, a*, b* were determined on -45µm kaolin powder in house in an enclosed laboratory room at Bureau Veritas using ADN's Technidyne Colourtouch CT-PC Spectrophotometer in accordance with Tappi standard T534 om-15 with appropriate brightness and colour paper tab standards sourced from Technidyne Corporation. • 2011 aircore MEP: ISO Brightness (R_{457}) and L*a*b* colour of the dried -45µm kaolin powder were determined according to TAPPI standard T 534 om-03 using a Technibrite 1B spectrophotometer at MEP's Streaky Bay kaolin processing facility. Appropriate brightness and colour paper tab standards sourced from Technidyne Corporation. • ISO Brightness B is an internationally accepted spectral criteria for determinations of brightness, refer MEP's ASX announcement 8 February 2012 for more detail. • ISO Brightness data values of +75 are classified as Bright White and further subdivided as follows; Ultra High Brightness >84, High Brightness >80 <84 and Moderate Brightness >75 <80.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	• Drilling have been compiled and reviewed by the senior geologists involved in the logging and sampling of the drill core at the time. • Drilling methods, sample collection and data from Great White have been independently reviewed by H&SC.

Criteria	JORC Code explanation	Commentary
	• Discuss any adjustment to assay data.	
Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control.	• No downhole surveys have been completed – all holes are vertical and shallow. • Grid projection is MGA94 Zone 53 • 2019-2020 ADN: All aircore drill collar locations had survey pick up done by GNSS (Global Navigation Satellite System). Collar surveys were completed by licensed surveyor Steven Townsend of Townsend Surveyors using a Leica 1200 RTK (Real Time Kinematic) System with horizontal accuracy of +/- 20mm and vertical accuracy of +/- 20m.
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• Great White extensional drillhole spacing is 100m by 100m with downhole sampling at 1m intervals with sample compositing of only contiguous 1m samples up to 5m based on drill logs and visual estimation of whiteness of material i.e. reflectance. • Drillhole spacing within the area identified from where the first two years of production will come *(refer ADN ASX 10 announcement dated July 2020 Maiden Ore Reserve for Carey's Well Drillholes)* has been reduced to 50m spacings. • The current drillhole spacing has established a high level of geological continuity for the kaolinite. The spacing is also suitable for establishing a reasonable level of grade continuity for the kaolinite and any impurities for the respective resource classifications. • Dec 2019, May 2020 and June 2020 ADN: Sample splitting took place in the Streaky Bay kaolin processing facility in sterile conditions. The samples were run through a 7:1 3 tier splitter to compile composite samples of between 2 and 4kg in weight. • 2020 Mt Hope ADN : Sample splitting took place as above but at a Cummins shed in sterile conditions • Samples were nominally composited over 4 or 5m intervals but smaller intervals where utilised to fit geological boundaries and outside extremities of the mineralisation.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	• Vertical drilling generally achieved a very high angle of intercept with the flat-lying, stratabound mineralisation.

Criteria	JORC Code explanation	Commentary
	• 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.	• Drilling orientations are considered appropriate with no obvious bias.
Sample security	• The measures taken to ensure sample security.	• The 2019-2020 ADN aircore drill samples were collected by Andromeda personnel and delivered to the kaolin processing facility at Streaky Bay • Transport of samples from the Streaky Bay kaolin processing facility to Adelaide and other locations for further test work has been undertaken by competent exploration contractors. Remnant samples are stored securely at the premises in Streaky Bay or Adelaide. • 2020 Mt Hope : Drill samples were collected by Andromeda personnel and delivered to a processing facility shed at Cummins. After the samples were riffle split and composited, they were collected by Eyre Peninsular Freight Service from Cummins who then transported the samples to Bureau Veritas in Adelaide. Once Bureau Veritas had split to a subset sample splits were collected by ADN staff and delivered to CSIRO for XRD testing.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• The Competent Person, Andromeda Metals' Chief Geologist Eric Whittaker has visited the Great White site during resource drilling to review drilling and sampling procedures. • Drilling methods, sample collection and data from Great White have been independently reviewed by H&SC.

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	• 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,	**Great White** • The Great White Kaolin Project is comprised of Exploration Licences 5814, 6096, 6202 and 6426. The Great White deposit (formerly Carey's Well

Criteria	JORC Code explanation	Commentary
land tenure status	historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	deposit) is located on EL5814. • The Great White Project is held by subsidiaries of MEP and is joint ventured to ADN under terms detailed in the ADN ASX release dated 26 April 2018. • There are no known non-government royalties due beyond the MEP JV agreement terms. • The underlying land title is freehold that extinguishes Native Title. • There are no known heritage sites within the Great White area which preclude exploration or mineral development. **Mt Hope** • The Mt Hope Kaolin Project (Exploration Licence) is located on EL5814 and is 100% owned by Andromeda Industrial Minerals Pty Ltd. • There are no non-government royalties due. • The underlying land title is freehold that extinguishes Native Title. **Great White and Mt Hope** • All tenements are secure and compliant with Government of South Australia Department for Energy and Mining (DEM) requirements at the date of this report.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	**Great White** • MEP has conducted exploration in the Great White area since the tenement was granted in 2005. • The general area that is the subject of this report has been explored for kaolinitic products in the past by Transoil NL, SA Paper Clays ECC (Pacific) & Commercial Minerals Ltd. ADN has reviewed the past exploration conducted by MEP and other explorers. **Mt Hope** • The Mt Hope EL5128 general area has been explored for kaolinitic products in the past by Abaleen Resources, Loch Shiel and South Australian Kaolin and has been reviewed by ADN. • The area has also been explored by CRA, Stockdale Prospecting, Lynch Mining and Monax Mining for other commodities.

Criteria	JORC Code explanation	Commentary
Geology	• Deposit type, geological setting and style of mineralisation.	**Great White** • Kaolin deposits, such as Great White were developed in situ by lateritic weathering of the feldspar-rich Hiltaba Granite. • The kaolin deposit at Great White is a sub-horizontal zone of kaolinised granite resting with a fairly sharp contact on unweathered granite. The kaolinised zone is overlain by loosely consolidated Tertiary and Quaternary sediments. • High quality kaolin-halloysite deposits occur extensively across the Poochera Project area • Halloysite is a rare derivative of kaolin where the plates have either rolled up or grown as nanotubes. Halloysite has a wide variety of industrial uses beyond simple kaolin and commands a significant premium above the average kaolin price. The Poochera kaolin deposits contain variable admixtures of kaolinite and halloysite that appear amenable to selective mining to produce specific low, medium and high halloysite blends for the ceramic markets, new nanotechnology applications and as a strengthening additive in the cement and petroleum fracking industries. **Mt Hope** • Mt Hope Kaolin deposit was developed in situ by lateritic weathering of the Archaen Sleaford Complex gneiss. • The resultant kaolin deposit at Mt Hope is a sub-horizontal zone of kaolinised gneiss resting with a fairly sharp contact on unweathered gneiss. The kaolinised zone is overlain by loosely consolidated Tertiary and Quaternary sediments.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: ○ easting and northing of the drill hole collar ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length.	**Great White** • The report includes a tabulation of new drillhole collar set-up information sufficient to allow an understanding of the results reported herein. **Mt Hope** • Mt Hope drillhole information can be found in AND ASX release dated 15 July 2020 *New Major Market Opportunity for Andromeda with Mount Hope Project*.

Criteria	JORC Code explanation	Commentary
	• 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.	
Data aggregation methods	• 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. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• Reported summary intercepts are weighted averages based on length. • Samples selected for XRD analysis at CSIRO by were selected based on a nominal reflectance of $>75_{R457}$ and $Al_2O_2 > 35\%$ • Maximum or minimum grade truncations have not been applied. • No metal equivalent values have been quoted.
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	• Drillhole angle (vertical) is essentially perpendicular to the flat lying mineralisation. • The stratabound intercepts are close to true width.
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• Appropriate maps and tabulations are presented in the body of the announcement.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• Comprehensive results are reported.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results;	• Hydrogeological modelling is currently being undertaken by Aldam Geoscience.

Criteria	JORC Code explanation	Commentary
	bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• First Test Minerals has completed preliminary test work to determine potential applications of the ultra-bright white halloysite poor kaolin from Great White and Mt Hope. • Test work is being undertaken by AKW Equipment and Design (Germany) to determine optimum plant design for the Great White deposit.
Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Further metallurgical test work and additional halloysite analyses will be conducted as part of future studies. • Drilling undertaken in 2019 and 2020 has identified high purity kaolin to the north of the main Great White halloysite kaolin and new areas of halloysite kaolin to the south east of Great White. These areas remain open and follow up drilling has been planned.