ASX RELEASE

(ASX: AW1)

American West Metals Limited

Tuesday, 14th December 2021

Outstanding growth potential confirmed at Storm Copper Project

- **Numerous shallow electromagnetic (EM) conductors identified coincident with high-grade copper mineralisation intersected by previous drilling**
- **Seven new and untested high-priority shallow EM conductors identified**
- **In addition, seven large, new and untested deeper EM conductors also identified**
- **First ever ground EM survey completed over the high-grade Seal Zinc-Silver Deposit**
- **The survey confirms the growth potential of the Storm high-grade copper system**

American West Metals Limited (**American West Metals** or **the Company**) (ASX: AW1), is pleased to report the results of the recent ground electromagnetic (EM) surveys completed at the high-grade Storm Copper and Seal Zinc-Silver Projects (**Storm**, **Seal** or **the Projects**) on Somerset Island, Nunavut. These geophysical surveys are the first to be completed since American West Metals became project operator under the option agreement with Aston Bay Holdings (TSX-V: BAY).

The EM surveys have successfully identified numerous conductive anomalies throughout the Storm Copper prospect area, including multiple anomalies previously untested by drilling.

A small survey was also completed over the high-grade Seal Zinc-Silver Deposit. This survey was the first of its type at Seal and was used to test the response of the zinc-silver sulphides to this method of exploration.

Dave O'Neill, Managing Director of American West Metals commented:

"The results of the latest EM surveys over Storm have better defined the known prospects, and highlighted new high-priority targets along strike of known mineralisation, and in areas with favourable geology.

"It has reinforced our belief in the outstanding growth potential of the project and that further, undiscovered zones of high-grade copper minseralisation exist in unexplored areas of the Project.

"The scale and strength of some of the new anomalies, and the low false positive rate when using EM systems at Storm, make them compelling targets that are ready to be tested with drilling."

STORM FIXED LOOP ELECTROMAGNETIC SURVEY

American West Metals has completed fixed loop EM (FLEM) surveys that targeted extensions along strike and below known mineralisation, and over previously defined geophysical anomalies. The surveys were designed to provide greater definition of the existing targets, and to identify new targets ahead of the proposed 2022 drilling campaign.

Previous EM surveys have successfully identified several strong conductive anomalies that are associated with known copper mineralisation in the Storm Project area.

One of these is a large (>750m in strike) conductive anomaly associated with the 4100N Zone where previous high-grade intersections include 15m @ 3.88% Cu from 72.4m in hole ST99-47. A strong conductive anomaly was also recognised at the 2750N Zone where previous high-grade intersections include 110m @ 2.45% Cu from surface in hole ST97-08, and 56.3m @ 3.07% Cu from 12.2m in hole ST99-19.

The new 2021 EM surveys have confirmed the correlation between the previous anomalies and high-grade copper mineralisation at the main Storm Copper showings. Numerous shallow conductors have been modelled that are coincident with mineralisation confirmed by drilling.

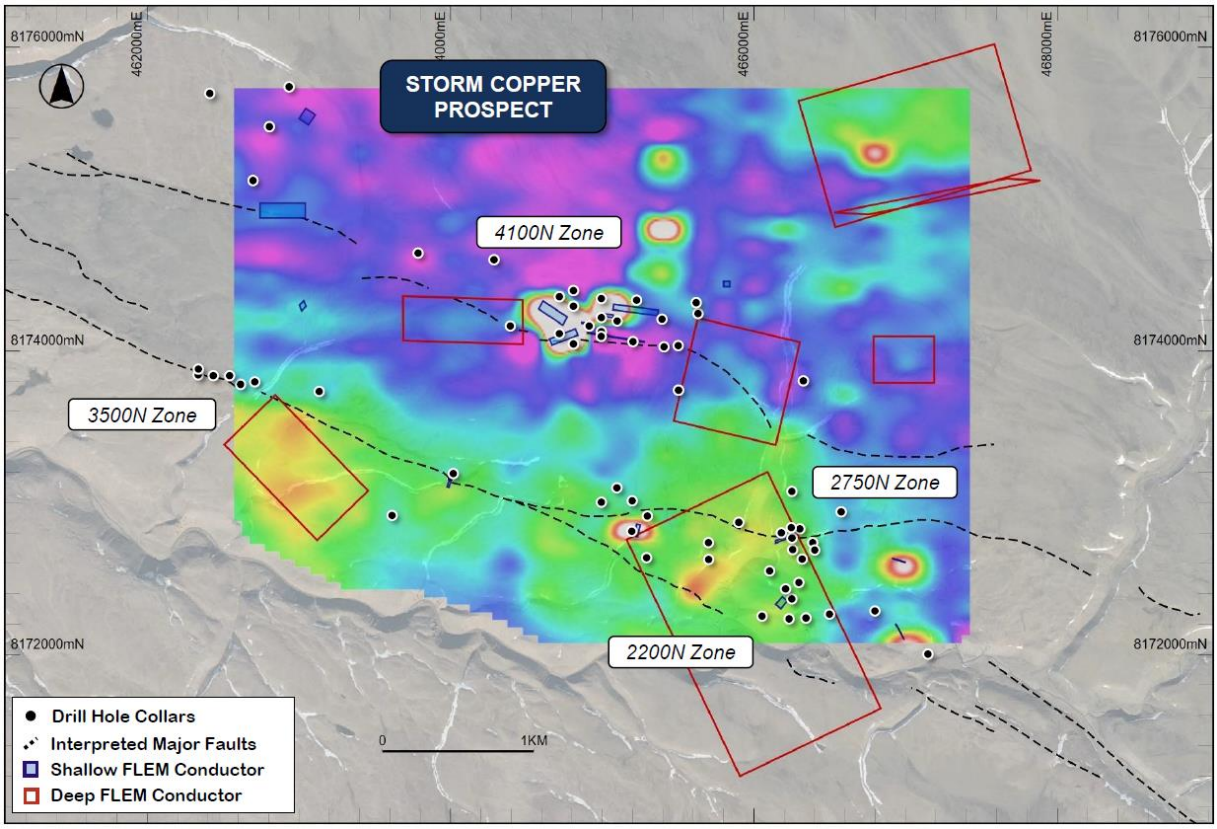


Figure 1: Storm Copper Project – Recent FLEM conductors, drilling and major faults overlaying recent FLEM image (Ch16 – hotter colours indicate higher conductivity) and aerial photography.

The known high-grade copper mineralisation at Storm lies along and adjacent to the margins of a ~1 km wide, fault-bounded valley or graben. Significantly, inversion and plate modelling of the new EM data has also defined multiple high-priority conductors associated with the Storm graben within areas previously untested by drilling.

Seven untested shallow conductors were identified (Figures 1, dark blue rectangles). All seven shallow conductors are located along, or in close proximity to the bounding faults of the Storm graben, and in areas of elevated density identified by a 2017 airborne gravity gradiometry (AGG) survey (Figure 2). The conductors east of the 2200N and 2750N zones are also associated with significant copper in soil geochemical anomalies and mapped surface gossans, making them compelling targets for the discovery of further copper sulphides.

Seven untested deeper conductors of interest were also identified in the Storm Copper area by the 2021 surveys (Figures 1, dark red rectangles). Six of the seven anomalies are located along or adjacent to the bounding faults of the Storm graben.

The geometry and mostly gentle dips of the modelled deep conductors suggest that they may be related to stratiform type targets, and may be indicative of traditional sedimentary type copper mineralisation at depth. Given the highly resistive nature of the host geology (dolomites), even subtle conductors are considered to be prospective when combined with coincident geochemical or airborne gravity anomalies.

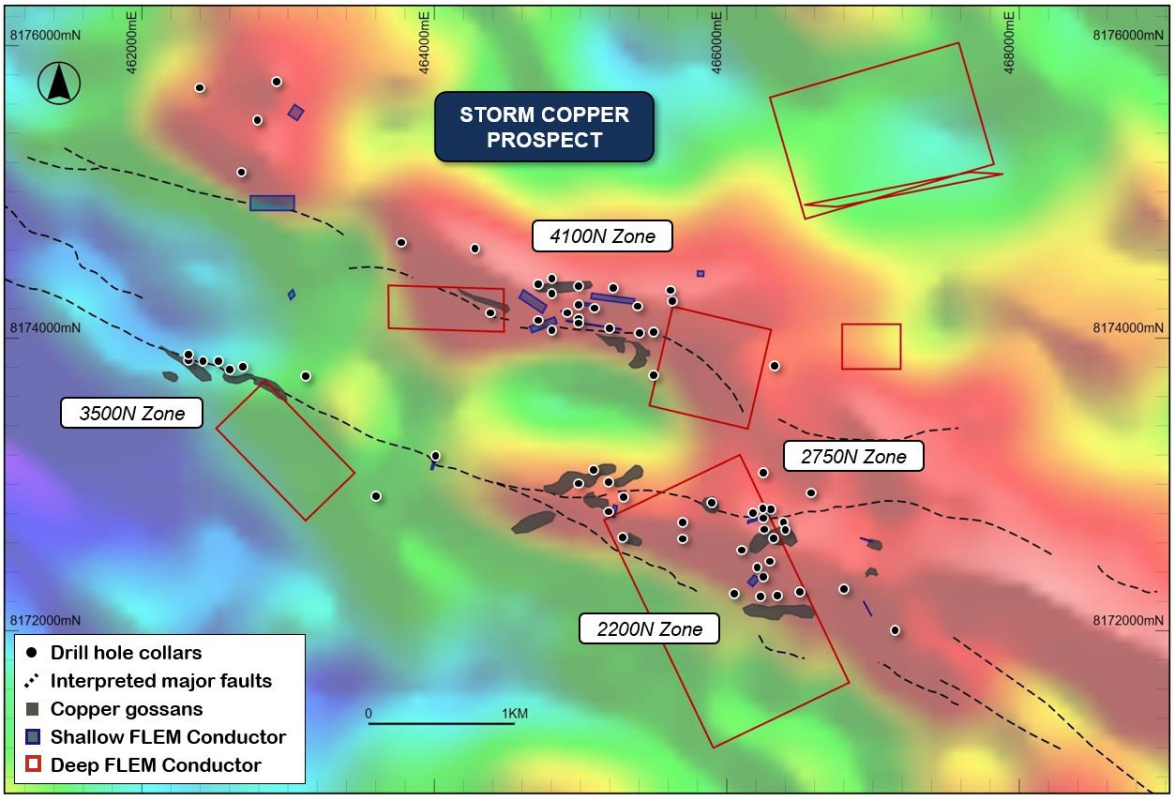


Figure 2: Storm Copper Project – Recent FLEM conductors, drilling, mapped copper gossans, major faults overlaying GDD Fourier image (vertical gravity gradient - hotter colours indicate higher densities).

SEAL TEST EM SURVEY

The opportunity was also taken this season to complete the first ever ground EM survey over the high-grade zinc-silver Seal Deposit. Three survey lines were completed as a test to determine the response of the massive sulphide mineralisation.

The results indicated that the known mineralisation at Seal is not visible to this particular EM system, and therefore no anomalies could be identified in the vicinity of the deposit. Whilst this work does not preclude other EM systems effectively being used to explore around Seal, the nearby Tier 1 Polaris Zinc-Lead deposit was discovered using gravity surveys, and this will continue to be the preferred geophysical tool for testing the extensive Seal stratigraphic horizon.

BACKGROUND AND TECHNICAL DISCUSSION

Two distinct types of mineralisation have been discovered at the Projects to date (Figure 3).

Storm:

The copper mineralisation at Storm is chalcocite dominant, and occurs as massive sulphides in breccias and veinlets within, or immediately adjacent to, sub-vertical faults. Minor chalcopyrite is present in deeper settings. Whilst chalcocite (and chalcopyrite) are relatively low in conductance (when compared to some other sulphides), the dolomite host rocks generally have no EM response and therefore the contrast between the two is sufficient to allow EM to be an effective targeting tool.

The are no other conductive lithologies present in the Storm area, which increases the confidence that any anomalies may be related to copper mineralisation.

Seal:

The mineralisation present within the Seal Deposit is stratabound and the sphalerite (zinc sulphide) occurs as massive sulphide replacement of the host dolomite and sandstones, and as disseminations. Sphalerite and the host rocks generally have very low conductivity and the test survey was completed to confirm if any contrasts between the different units were visible.

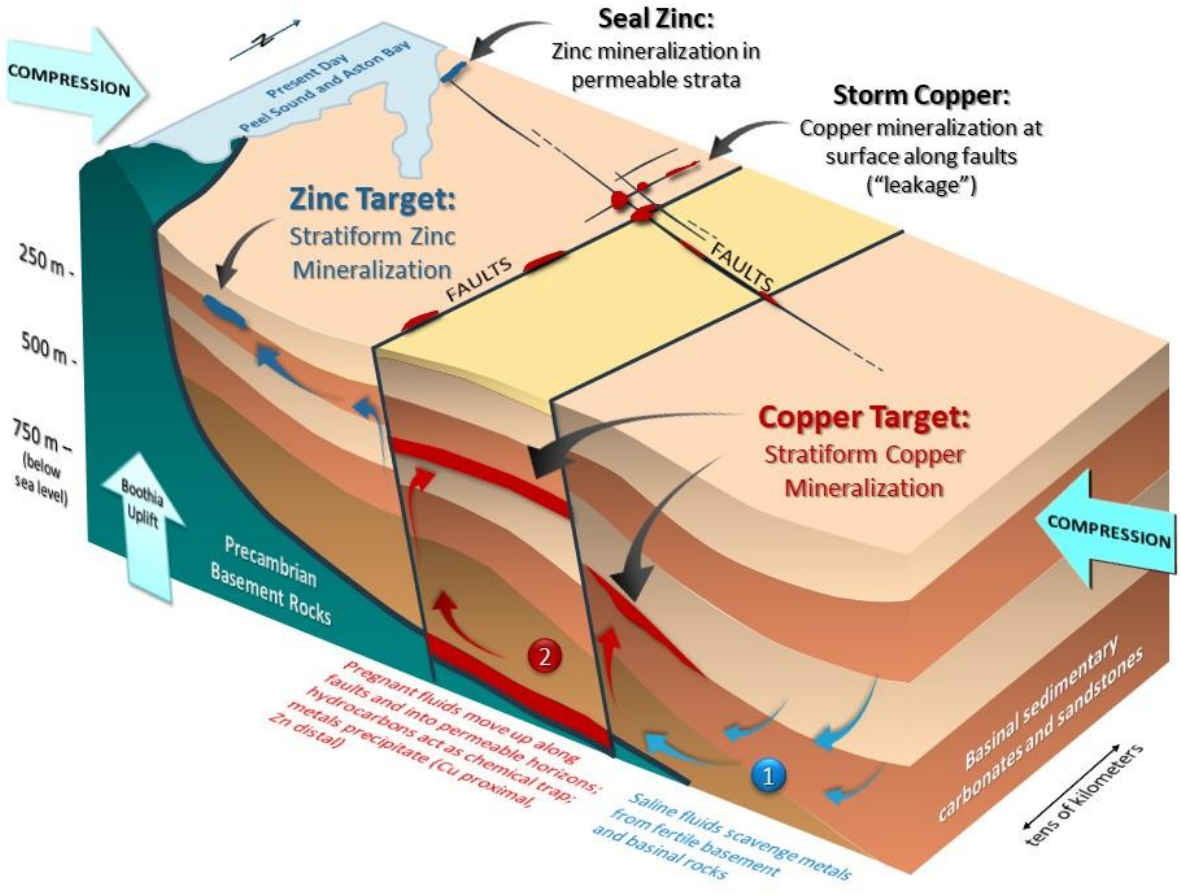


Figure 3: Schematic geological section and targeting model for the Storm and Seal Projects. The project currently contains stratiform zinc and structurally controlled copper mineralisation, and it is believed a stratiform source of the Storm copper mineralisation may be present at depth. (Source - TSX-V: BAY corporate presentation dated December 2017)

Success of Geophysical Surveys:

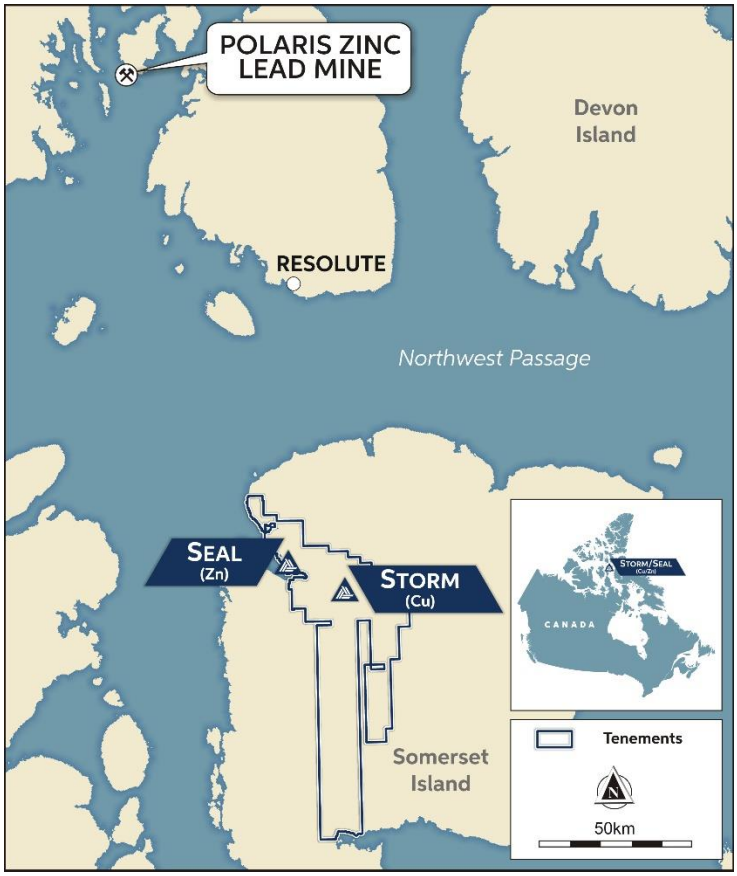
A number of geophysical techniques have been used to explore the Storm and Seal Project areas and wider tenure since the first copper and zinc discoveries in the early 1990's.

Electromagnetics were proven to be an effective exploration tool when the Storm area was first surveyed with airborne EM in 1997. This survey determined a clear relationship between known, outcropping copper mineralisation with newly identified EM anomalies. Subsequent higher resolution airborne and surface EM surveys, backed up by drilling, further confirmed this association.

The 2021 FLEM surveys utilised a time domain electromagnetic (TDEM) system featuring low noise / high power and were completed using a fixed conventional loop configuration. A total area of approximately 18km^2 was completed for 945 stations, with a nominal station spacing of 100m at the Storm Copper prospect and 50m at the Seal Zinc deposit. Infills on a number of prospects at Storm were completed at 50m spacings.

Further ground EM surveys will be planned for the 2022 season to screen the Tornado and Blizzard areas. These areas lie east along strike from Storm, and have existing copper in soil and gravity (AGG) anomalies.

ABOUT STORM COPPER AND SEAL ZINC-SILVER PROJECTS, NUNAVUT



The Nunavut property consists of 117 contiguous mining claims and 6 prospecting permits covering an area of approximately 302,725 hectares on Somerset Island, Nunavut, Canada. The Storm Project comprises both the Storm Copper Project, a high-grade sediment hosted copper discovery (intersections including 110m @ 2.45% Cu from surface and 56.3m @ 3.07% Cu from 12.2m) as well as the Seal Zinc Deposit (intersections including 14.4m @ 10.58% Zn, 28.7g/t Ag from 51.8m and 22.3m @ 23% Zn, 5.1g/t Ag from 101.5m). Additionally, there are numerous underexplored targets within the 120km strike length of the mineralized trend, including the Tornado copper prospect where 10 grab samples yielded >1% Cu up to 32% Cu in gossans.

American West Metals Limited has an option to earn an 80% interest in the Storm Project.

This announcement has been approved for release by the Board of American West Metals Limited.

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Competent Person Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Dave O'Neill, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr O'Neill is employed by American West Metals Limited as Managing Director, and is a substantial shareholder in the Company.

Mr O'Neill 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 O'Neill consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ASX Listing Rule 5.12

The Company has previously addressed the requirements of Listing Rule 5.12 in its Initial Public Offer prospectus dated 29 October 2021 (released to ASX on 9 December 2021) (**Prospectus**) in relation to the Storm and Seal Projects. The Company is not in possession of any new information or data relating to the Storm or Seal Project that materially impacts on the reliability of the estimates or the Company's ability to verify the estimates as mineral resources or ore reserves in accordance with the JORC Code. The Company confirms that the supporting information provided in the Prospectus continues to apply and has not materially changed.

This ASX announcement contains information extracted from the following reports which are available on the Company's website at https://www.americanwestmetals.com/site/content/:

- 29 October 2021 Prospectus

The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in the Prospectus. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Prospectus.

American West Metals Limited

ABOUT AMERICAN WEST METALS

AMERICAN WEST METALS LIMITED (ASX: AW1) is a new Australian company focused on growth through the discovery and development of major base metal mineral deposits in Tier 1 jurisdictions of North America. We are a progressive mining company focused on developing mines that have a low-footprint and support the global energy transformation.

Our portfolio of copper and zinc projects include significant existing resource inventories and high-grade mineralisation that can generate robust mining proposals. Core to our approach is our commitment to the ethical extraction and processing of minerals and making a meaningful contribution to the communities where our projects are located.

Led by a highly experienced leadership team, our strategic initiatives lay the foundation for a sustainable business which aims to deliver high-multiplier returns on shareholder investment and economic benefits to all stakeholders.

JORC Code, 2012 Edition – Table 1

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 (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	• The Electromagnetic (EM) surveys were completed by Initial Exploration Services, Canada. • The surveys were completed using a Geonics TEM57 MK-2 transmitter with TEM67 boosters. An ARMIT Mk2.5 sensor and EMIT SMARTem 24 receiver were used to measure and collect vertical (Z) and horizontal (X and Y) components of the B-Field and its partial derivative dB/dt. • The surveys were completed in conventional Fixed Loop (FLEM) configuration, with sensors placed both in and out of the loops.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• This information refers to results from geophysical surveys; this section is not relevant to this release.
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.*	• This information refers to results from geophysical surveys; this section is not relevant to this release.

Criteria	JORC Code explanation	Commentary
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.*	• This information refers to results from geophysical surveys; this section is not relevant to this release.
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.*	• This information refers to results from geophysical surveys; this section is not relevant to this release.
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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• The surveys were conducted using a Geonics TEM57 MK-2 transmitter generating 20amps. • The Storm loops were 1,000m by 1,000m, orientated to 0 degrees, and used stations spacings of 100m with 50m infills. • The Seal loop was 400m by 200m, orientated at 045 degrees, and had 50m station spacings
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*	• This information refers to results from geophysical surveys; this section is not relevant to this release.

Criteria	JORC Code explanation	Commentary
	verification, data storage (physical and electronic) protocols. • *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.*	• A handheld global positioning system (GPS) was used to determine accurate positioning for the FLEM surveys (within 5m). • The grid system used is NAD83 / UTM zone 15N • The handheld GPS has an accuracy greater than +/-5m for topographic and spatial control.
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.*	• The Storm loops were 1,000m by 1,000m, orientated to 0 degrees, and used stations spacings of 100m with 50m infills. • The Seal loop was 400m by 200m, orientated at 045 degrees, and had 50m station spacings. • The spacings are considered effective for the detection of mineralisation present at the Storm and Seal prospects.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Surface FLEM surveys are considered effective for detecting the both flat and steeply dipping mineralisation. Multiple loops were used to minimise negative coupling.
Sample security	• *The measures taken to ensure sample security.*	• This information refers to results from geophysical surveys; this section is not relevant to this release.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• A review of the data was completed by Southern Geoscience Consultants (SGC) who considered to surveys to be effective for these styles of mineralisation.

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.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	• The Nunavut property contains the Seal zinc-silver deposit and multiple copper showings, collectively known as the Storm copper prospect. • The property comprises 134 contiguous mineral claims, 124 of which are named AB 1 to AB 82, AB 84 to AB 125 and 10 of which are named ASTON 1 to ASTON 10, as well as 12 prospecting permits, numbered P-12 to P-17 and P-26 to P-31. The total area covered by the project tenure is 414,537.9 ha. Aston Bay Ltd currently holds 100% interest in all mineral claims and prospecting permits. American West Metals Ltd has entered into an option agreement on the property with the potential to acquire an 80% interest. • The Seal zinc-silver deposit lies within claim number AB 1 and the Storm copper prospect showings lie within claims AB 32, AB 33, AB 36 and AB 37. • All tenements are in good standing.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Exploration work in the areas around Aston Bay and the Storm property has been carried out intermittently since the 1960s. Most of the historical work at the Storm property was undertaken by, or on behalf of, Cominco. • In 1966, Cominco conducted stream geochemical sampling with a sample density of 1 sample per 6.2 km^2, with three samples taken from the area around Seal showings. • In 1970, J.C. Sproule and Associates Ltd conducted photogeological mapping, limited reconnaissance prospecting and stream sediment geochemical sampling. The geochemical survey included areas of the far eastern side of the current Storm property and returned some anomalous copper assay values. • In 1973, Cominco conducted geological mapping, prospecting and soil sampling in the Aston Bay area as a follow-up to 1966 work. Anomalous soil and rock samples were described, with zinc values up to 5% in rubble at the main Seal showings. • In 1974, Cominco conducted geological mapping, prospecting and soil sampling on the Aston Bay property (Seal showings) with 15 soil samples collected and analysed for zinc and lead. • In 1978, Esso Minerals conducted prospecting, geological mapping, geochemical surveys and an airborne radiometric survey exploring for uranium mineralisation at Aston Bay. • In 1993, Cominco conducted stream sediment geochemistry and prospecting in the Aston Bay area. • In 1994, Cominco conducted various exploration activities, including detailed geological mapping on Seal Island and the North and South peninsulas of Aston Bay. A total of

Criteria	JORC Code explanation	Commentary
		168 line-km of induced polarisation (IP) and 62 line-km of gravity geophysical surveys were conducted on Seal Island and the North Peninsula. Soil geochemical sampling was conducted along the Seal Island and North Peninsula geophysical grids. Soil sampling, prospecting and mapping were done on the South Peninsula, with a total of 434 soil samples and 65 rock grab samples analysed, returning anomalous zinc grades >1% for some samples. Helicopter reconnaissance and heavy minerals sampling were conducted south of Aston Bay. • In 1995, Cominco completed 14 DD holes (AB95-1 to AB95-14) on the North Peninsula for a total of 2,465.7 m. Drill intersections of up to 10.5% Zn and 28 g/t Ag over an 18 m core length were obtained for the Seal zinc-silver deposit. • In 1996, Cominco completed 10 DD holes (AB96-15 to AB96-24), totalling 1,733.0 m on the North and South peninsulas. Best results were from the North Peninsula drill holes, including 1.8% Zn with 14 ppm Ag over 0.5 m in hole AB96-17 and 2.8% Zn, with 10 ppm Ag over 1 m and 2.2% Zn over 1 m in hole AB96-17. Cominco geologists discovered large chalcocite boulders in Ivor Creek, about 20 km east of Aston Bay, at the subsequently named 2750 Zone at the Storm copper showings. Copper mineralisation, hosted by Palaeozoic dolostone and limestone, was found over a 7 km structural trend. • In 1997, Sander Geophysics Ltd, on behalf of Cominco, conducted a high-resolution aeromagnetic survey over a 5,000 km^2 area of northern Somerset Island. A total of 89 line-km of IP and 71.75 line-km of HLEM surveys were completed, and 536 soil samples were collected at the Storm copper showings. In addition, 17 DD holes, for a total of 2,784 m, were completed in the central graben area of the Storm zone. Assay highlights included 49.71% Cu with 17.1 ppm Ag over 0.6 m and 19.87% Cu over 1.1 m in hole ST97-02; 4.67% Cu over 4.8 m and 4.13% Cu over 1.4 m in hole ST97-03; and 14.62% Cu with 23.5 g/t Ag over 1.3 m and 4.41% Cu with 12.4 g/t Ag over 1.4 m in hole ST97-13. • In 1998, Cominco completed a total of 44.5 line-km of IP survey and 2,090 soil samples were collected at the Storm zone. In total, 851 soil samples were collected along the IP grid and 1,239 base-of-slope samples were collected during regional drainage prospecting traverses. An area 700 m by 100 m on the soil grid was found to contain >500 ppm Cu, trending parallel to the graben structure. • In 1999, Cominco completed a total of 57.7 line-km of IP survey in the Storm copper zone. A total of 750 soil samples were collected at the main Storm grid. The maximum copper and zinc values achieved in the main grid were 592 ppm and 418 ppm, respectively. To test IP resistivity anomalies, 41 DD holes, for a total of 4,560.8 m, were completed at the Storm copper showings. • In 1999, Noranda Inc. (Noranda) entered into an option agreement with Cominco

Criteria	JORC Code explanation	Commentary
		whereby Noranda could earn a 50% interest in the Storm property package (48 claims) by incurring exploration expenditures of $7 million over a four-year period, commencing in 1999. An airborne hyperspectral survey completed by Noranda identified 26 airborne electromagnetic and magnetic (AEM/MAG) and 266 colour anomalies. • In 2000, Noranda flew a 3,260 line-km GEOTEM electromagnetic and magnetic airborne geophysical survey over the property at 250–300 m line spacings. Ground geophysical surveys were carried out as a follow-up to the airborne surveys, including 100.5 line-km of UTEM, 69.2 line-km of gravity, 11 line-km of magnetics, and 6.5 line-km of HLEM surveys. Eleven DD holes, for a total of 1,885.5 m, were completed; eight of the holes, for a total of 1,348.5 m, were completed within the current Storm property, at the 4100N zone showing. • In 2001, Noranda added the Aston Bay claims (7 claims) to the original option agreement with Cominco. Reconnaissance follow-up work on selected airborne targets from the 1999 and 2000 airborne surveys was completed. Six DD holes, for a total of 822 m, were completed on the Seal zinc showings. Assay highlights for 2001 drilling include 7.65% Zn with 26.5 g/t Ag over 1.1 m in hole AB01-29. • In 2008, Commander was issued prospecting permits 7547, 7548 and 7549, comprising the Storm property. Fieldwork included traversing geological contacts at the Seal 2200N, 2750N, and 4100N showings to evaluate the accuracy of previous mapping. Verification of historical drilling results was undertaken with core stored at the former Aston Bay camp site selectively sampled. Seven holes were sampled, including two from the Seal occurrence and five from the Storm copper showings. Duplicate analyses for the Storm holes corresponded well with original results. • In 2011, Geotech Ltd, on behalf of Commander, conducted a helicopter-borne versatile time domain electromagnetic (VTEM plus) and aeromagnetic survey over the Storm property: a total of 3,969.7 line-km. The primary VTEM survey flight lines were oriented 030/210 at a 150 m spacing, with parallel infill lines at 75 m spacing and orthogonal tie lines at 1,500 m spacing. • In 2012, APEX completed an interpretation of the 2011 VTEM and aeromagnetic survey by Intrepid Geophysics. Modelling of the historical drill hole data in 3D was undertaken to identify trends within the mineralised envelopes of the known showings. This was followed by a site visit, prospecting, surface sampling, sampling intervals of historical DD core that had not been previously sampled or had been sampled but the assays were not made available to Aston Bay, and ground-truthing of the VTEM anomalies by APEX and Aurora personnel. Remnant half-core was quarter cored for resampling purposes. Prospecting confirmed the presence, location and extent of known historical

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		zinc and copper mineralisation at the Seal zinc and Storm copper showings, respectively, and their correlation with geophysical anomalies. • In 2016, Aston Bay's exploration program comprised diamond drilling, borehole electromagnetic geophysical surveys, logging of historical drill core, prospecting and soil sampling to provide broad, systematic coverage of the prospective geological units within the Aston Bay property. A total of 2,005 soil samples and 21 rock samples were collected. Twelve exploration diamond drill holes, totalling 1,951 m, were completed at the 2750N, 3600N and 4100N zones at the Storm prospect, and associated Tornado and Hurricane target areas. Downhole time-domain electromagnetic surveys were completed on 5 of the 12 drill holes, and 119 core samples were sent to Zonge International Inc. for petrophysical measurements. No drilling was conducted at the Seal zinc-silver deposit. • In 2017, Aston Bay completed a surface geological reconnaissance program and undertook core review. A property-wide Falcon Plus airborne gravity gradiometry survey was also completed by CGG Multi-Physics, with over 14,672 line-km flown at a 200 m line spacing. A historical/foreign Mineral Resource Estimation by P&E Mining Consultants Inc. was initiated. • In 2018, P&E Mining Consultants Inc., on behalf of Aston Bay, completed a historical/foreign Mineral Resource Estimate on the Seal zinc-silver deposit. The Seal zinc-silver deposit was estimated to contain 1.006 Mt at a grade of 10.24% Zn and 46.5 g/t Ag, using a 4.0% ZnEq cut-off. The estimate is based on diamond drilling conducted by Teck (previously Teck-Cominco) in 1995–96.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The property contains two significant mineral showings: the Seal zinc-silver prospect in Ordovician mixed carbonate-siliciclastic rocks and the Storm copper prospect in Silurian shelf carbonate rocks. • The Seal zinc-silver mineralised zone determined from outcrop and drill core observations is centred on a sandstone bed near the base of the Ship Point Formation. Dominant sulphides in the drill core and in surface expression are marcasite and pyrite. Iron sulphides appear to be replaced or intergrown with minor dark ('blackjack') sphalerite. • The known mineralized zone at the Seal zinc-silver deposit extends for approximately 400 m along strike and is 50–100 m wide (Cook and Moreton, 2009); the true thickness of the mineralised zone appears to be approximately 20 m. • The Storm copper mineralised zones all occur within the upper 80 m of the Allen Bay Formation and to a lesser extent in the basal Cape Storm Formation, and are referenced by their UTM (Universal Transverse Mercator) northings: 2200N, 2750N, 3500N and

Criteria	JORC Code explanation	Commentary
		4100N. The first three zones outcrop at surface whereas zone 4100N is blind, covered by a veneer of the Cape Storm Formation. • The Storm copper sulfide mineralised zones examined in drill core occur within the zones of ferroan carbonate alteration and extend beyond them for at least a few metres. Copper sulphides and later copper carbonates occur within fractures and a variety of breccias, including most commonly crackle breccias as well as lesser in-situ replacive and apparent solution breccias, are present. Sulphides and copper oxides infill the fractures and form the matrix of breccias. Sulphides have sharp contacts with wall rock, both ferroan carbonates and unaltered dolostone. • At the Storm copper prospect, chalcocite is the most common copper sulfide observed at surface and in drill core.
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.* • *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.*	• This release refers to results from geophysical surveys • Historically drilling and significant intercepts have been independently compiled by Entech and can be found in the Independent Geologist's Report. • Supporting drillhole information (easting, northing, elevation, dip, azimuth, down hole length) is supplied within Appendix E of the Independent Geologist's Report.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg 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.*	• The release refers to results from geophysical surveys; this section is not relevant to this release.

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The release refers to results from geophysical surveys; this section is not relevant to this release
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.*	• Relevant maps and sections are included as part of this release
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.*	• The release refers to results from geophysical surveys; this section is not relevant to this release
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All material or meaningful data collected has been reported.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Planning is underway for the summer 2022 field season which is expected to include further EM geophysics and Diamond Drilling.