ASX Code: IPT

ASX ANNOUNCEMENT

Date: 9 May 2017 Number: 510/090517

PRIORITY DRILL TARGETS FOR GOLD-SILVER AT SILICA HILL, NSW

Specific drill targets have now been identified with the potential to significantly expand the high grade gold-silver mineralisation discovered by Impact Minerals Limited (ASX:IPT) at the Silica Hill Prospect, part of the 100%-owned Commonwealth Project 100km north of Orange, New South Wales (Figure 1).

The targets have been generated and prioritised for drilling from a detailed interpretation of three lines of Induced Polarisation (IP) chargeability data and from soil geochemistry data (Figure 2).

In addition a review of all of Impact's work over the past few years has now demonstrated strong similarities between the mineralised system at Commonwealth-Silica Hill and surrounding area to the very high grade Eskay Creek Mine in British Columbia, Canada (4 million ounces of gold, 180 million ounces of silver; Figure 5).

Drilling of the new targets at Silica Hill will test this geological model and will commence on receipt of statutory environmental approvals due in the next few weeks. Other targets at Commonwealth and Welcome Jack will also be tested.

At Silica Hill the new targets to be drilled occur on three specific traverses within a large area of up to one square kilometre which contains numerous undrilled IP and gold- and silver-in soil anomalies north of the small area drilled to date (Lines 10,000 mN, 10,100 mN and 10,200 mN, Figures 1 and 2).

All three traverses comprise coincident strong IP chargeablity and gold- and silver-in-soil anomalies. Previous work by Impact has shown a strong correlation between IP chargeability anomalies and gold-silver sulphide mineralisation in drill holes.

On Line 10,000 mN the target area lies east of the current drilling and is 500 metres wide with peak soil geochemistry values of 50 ppb gold and 12 grams per tonne silver. These are of the same order as the soil geochemical anomalies over Silica Hill and Commonwealth on this traverse (Figure 2).

On Line 10,100 mN the target area is 750 metres wide with peak soil geochemistry values of 235 ppb gold and 18.8 grams per tonne silver.

On Line 10,200 mN the target area is 700 metres wide with peak soil geochemistry values of 104 ppb gold and 7.1 grams per tonne silver.

The size and strength of the IP anomalies and their coincidence with strong gold- and very strong silver-in soil anomalies is very encouraging for the discovery of further high grade gold and silver mineralisation.



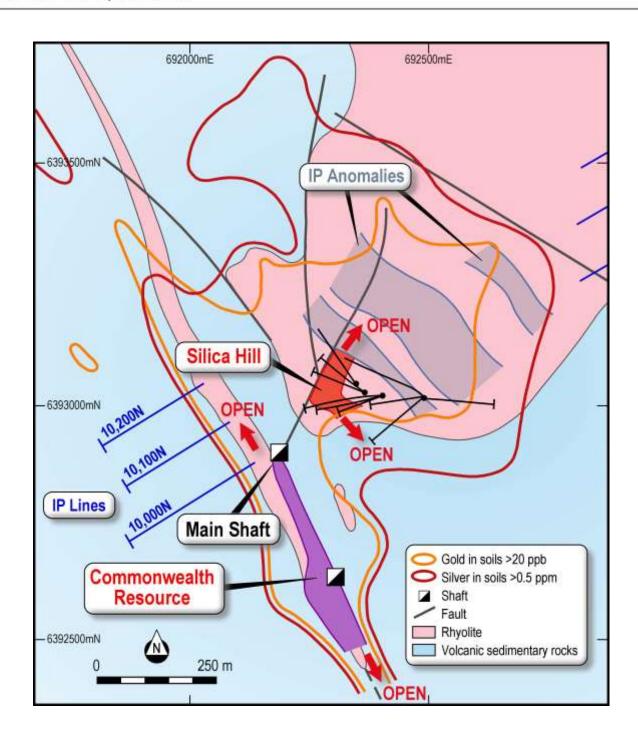
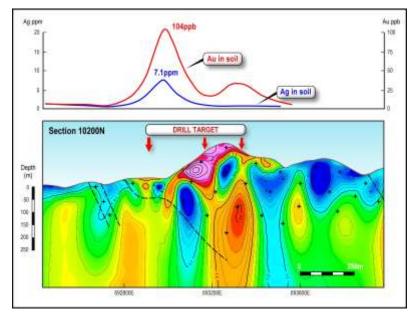


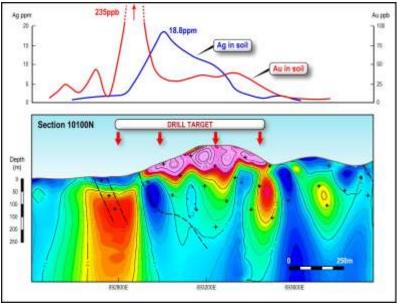
Figure 1. Geology and exploration results for the Silica Hill-Commonwealth area. The Silica Hill mineralisation, shown in red, lies 150 metres north east of the Commonwealth Resource and occurs at the southern end of a large area with coincident gold- and silver-in soil and IP chargeability anomalies that has not been drilled.

Figure 2. IP chargeability and gold and silver-in-soil values. Host rhyolite shown by + symbol.



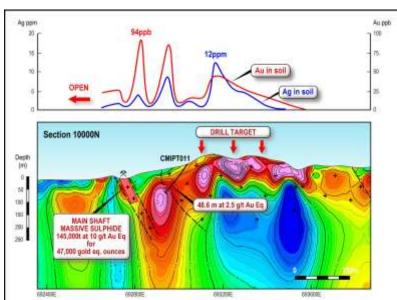
Line 10,200mN

Drill target 700 m wide Peak gold result 104 ppb Peak silver result 7.1 g/t (ppm)



Line 10,100mN

Drill target 750 m wide Peak gold result 235 ppb Peak silver result 18.8 g/t (ppm)



Line 10,000mN

Drill target 500 m wide Peak gold result 50 ppb (undrilled) Peak silver result 12 g/t (ppm)



Significant mineralisation has been intersected in six drill holes so far at Silica Hill and covers an area of 200 metres by 100 metres down to a depth of 120 metres below surface and with an average true thickness of at least between 50 metres and 70 metres. The mineralisation is open in all directions including up dip (Figures 1, 3 and 4).

Four drill holes out of the six have also returned gram-times-metre intercepts of more than 100 gram.metres. These are robust and significant results for potential bulk mining and indicate the potential to significantly increase the resources at the Commonwealth Project, which currently stand at 720,000 tonnes at 2.8 g/t gold, 48 g/t silver, 1.5% zinc and 0.6% lead (see announcement 19 February 2015).

In detail, these thick widths of mineralisation actually comprise numerous narrow veins and vein stockworks of high grade gold and very high grade silver hosted by the Silica Hill rhyolite that contain lower grade disseminated gold and silver. For example, Hole CMIPT046 returned an intercept of **41 metres at 2 g/t and 176 g/t silver** from 61 metres including 30 individual assays of varying widths of between 2 g/t and 24 g/t gold and 12 individual assays with more than 500 g/t silver including (see announcements dated 5th December 2016 and 22nd February 2017)

1 metre at 12.2 g/t gold and 680 g/t silver *including* 0.3 metres at 23 g/t gold and 1,110 g/t silver; 1 metre at 5.3 g/t gold and 924 g/t silver;

1.7 metres at 3.8 g/t gold and 1,176 g/t silver; and

0.7 metres at 1.5 g/t gold and 855 g/t silver.

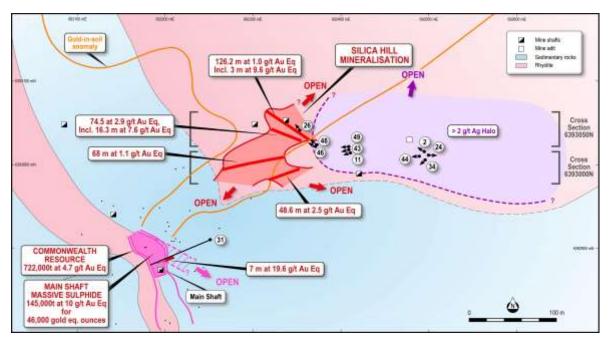


Figure 3. Silica Hill: Significant drill results. The mineralisation is open in all directions. Also note the large silver halo to the east of best mineralisation. This area contains significant low grade non-economic silver at a grade of up to 5 g/t within the Silica Hill rhyolite. This has not been tested at depth and will also be drilled in the upcoming programme (Figure 4).



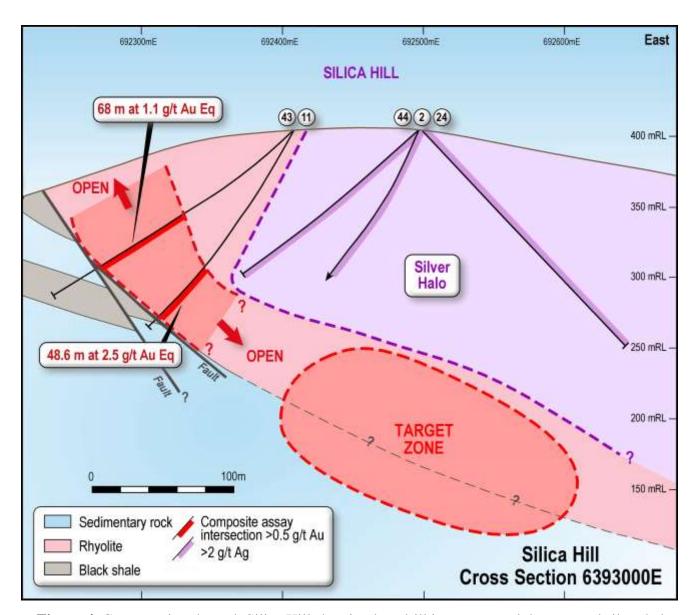


Figure 4. Cross section through Silica Hill showing key drill intercepts and the untested silver halo.

The Nature of the Mineralisation at Commonwealth-Silica Hill

Impact has amassed a considerable amount of geological data on the nature of the mineralised system at Commonwealth-Silica Hill and surrounding areas over the past two years.

All of this work, summarised below, has shown that the mineralisation belongs to a class of deposits known as "gold-rich VMS systems", a style that has only been widely recognised in the past 20 years.



The type-deposit of the gold-rich VMS systems is the well known Eskay Creek deposit in British Columbia, Canada which was mined mostly during the early 2000's. The deposit contained over 4 million ounces of gold and 180 million ounces of silver and contained numerous very gold and silver rich ore shoots as shown in Figure 5 over a vertical extent of at least 700 metres.

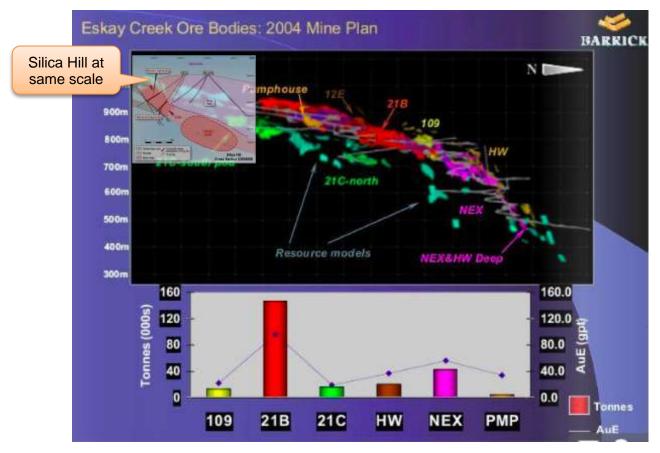


Figure 5. Long section of the Eskay Creek gold mine showing the principal ore shoots (eg 21B, NEX etc) coloured by gold equivalent grade. The graph shows the tonnes and gold equivalent grade of each of the shoots. Also shown for comparison at the same scale in the top left hand corner is the cross section of Silica Hill (image is slightly transparent in order to show the upper most Eskay Creek ore shoots).

All of Impact's work shows that there are compelling similarities specifically to Eskay Creek in terms of the nature of the host rock, the style of mineralisation, the contained commodity and pathfinder metals and the high grades of individual units and veins of commodity metals.

Figure 5 also shows the depth of drilling to date at Silica Hill at the same scale as the Eskay Creek deposit for comparison. It is evident that there is scope for a significant discovery with further drilling.



The work done by Impact in reaching this conclusion has included the following:

- detailed field mapping and logging of diamond core to identify the principal rock types and the nature of the original submarine volcanic environment;
- petrographic studies of the mineralisation and host rock units to determine their relative timing relationships;
- detailed structural analysis of outcrops and diamond core to help identify the structural controls on mineralisation;
- geochemical studies that have helped define a halo of specific alteration minerals around the mineralisation and which are providing vectors to ore. These minerals include chlorite, sericite, K-feldspar and barite amongst others. The studies have included interpretation of handheld pXRF data taken on every metre sample of RC drilling and every 0.5 metres on diamond core; chemical analyses for multi-element data (up to 61 elements) for every mineralised sample and every 10 metres away from mineralisation and multispectral analysis to identify specific minerals on four key drill holes; and
- independent reviews from several well respected consultants.

TIMING OF DRILL PROGRAMME

The new drill targets occur in an area of rugged topography around Silica Hill and further environmental approvals were required before drilling can start. These approvals have taken longer than anticipated to be granted and have included a site visit by representatives of the NSW Department of Resources and Geoscience. There are no impediments to the approvals which are expected to be given within the next few weeks.

The targets will be drilled as part of a larger drill programme that will also test for possible extensions at depth and along trend to the Commonwealth resource and Welcome Jack. Further detailed targeting of these areas is in progress.

Dr Michael G Jones Managing Director

The review of exploration activities and results contained in this report is based on information compiled by Dr Mike Jones, a Member of the Australian Institute of Geoscientists. He is a director of the company and works for Impact Minerals Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Jones has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Impact Minerals confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcements referred to and in the case of mineral resource estimates, that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.







APPENDIX 1 - SECTION 1 SAMPLING TECHNIQUES AND DATA

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.	Rock chip samples Random grab samples were taken at surface which represented favourable geology and alteration to known mineralisation in the region. Samples are variably weathered. Soil Samples About 250g of soil was taken from 15-20cm below surface and sieved to - 2mm size. Samples put in plastic snap seal bags. Samples were subsequently sieved to -250 micron at SGS Laboratories for assay by aqua regia digest. RC Drilling Reverse Circulation (RC) percussion drilling was used to produce a 1m bulk sample (~25kg) which was collected in plastic bags and representative 1m split samples (12.5%, or nominally 3kg) were collected using a riffle splitter and placed in a calico bag. The cyclone was cleaned out with compressed air at the end of each hole and periodically during the drilling. Holes were drilled to optimally intercept interpreted mineralised zones. Diamond Drilling Diamond drilling was used to produce drill core either with a diameter of 63.5 mm (HQ) or 47.6 mm (NQ).
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	Rock chip samples Representative samples at each sample site weigh between 0.8 and 1.2 kg. Sample sites were chosen due to historic rock and soil assay results and the geophysical surveys conducted on the Commonwealth Project. Historic rock sample methods are unknown but are considered immaterial. Soil Samples and Drill Samples Sample representivity was ensured by a combination of Company Procedures regarding quality control (QC) and quality assurance / testing (QA). Examples of QC include (but are not limited to), daily workplace and equipment inspections, as well as drilling and sampling procedures. Examples of QA include (but are not limited to) collection of "field duplicates", the use of certified standards and blank samples approximately every 50 samples



Criteria	JORC Code explanation	Commentary
	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	Rock chip samples Rock samples were sent to SGS Perth where they were crushed, dried and pulverised (total prep) to produce a 25-30 g subsamples for analysis initially by Aqua Regia digest with ICP-MS finish for base metals then by four acid digest with an ICP/AES finish for ore grade base metal samples and lead collection fire assay with AAS finish for gold. Soil Samples Soil samples were sent to ACME Laboratories in Vancouver for analysis by aqua regia digest or to SGS Laboratories in Perth for analysis by the MMI digest. RC and diamond drill samples RC samples and cut samples of core were submitted to ALS in Orange, NSW. Laboratory sample preparation involved: sample crushed to 70% less than 2mm, riffle/rotary split off 1 kg, pulverise split to >85% passing 75 microns. RC samples analysed by MEICP41 or MEOG46 for ore grade samples, aqua region digest with ICP OES analysis and AA24 fire assay with AAS finish. Historical diamond and RC samples were sent to Fox Anamet, Brookvale NSW where gold was determined by fire assay, base metals by DCP and AAS methods. Weathered samples contained gossanous sulphide material and fresh samples containing visible pyrite, galena, sphalerite and chalcopyrite.
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, facesampling bit or other type, whether core is oriented and if so, by what method, etc).	Diamond drilling accounts for about 50 % of the drilling and comprises NQ (47.6 mm diameter) and HQ (63.5 mm diameter) sized core. Impact diamond core is triple tube and is oriented. Historical diamond core was not oriented. RC drilling accounts for about 50% of the drilling and comprises 4 inch hammer.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed	Diamond core recoveries for all holes are logged and recorded. Recoveries are estimated to be approximately >97% for the Commonwealth Project. No significant core loss or sample recovery problems are observed in the drill core or historic reports. RC samples were visually checked for recovery, moisture and contamination.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking. Depths are checked against the depth given on the core blocks and rod counts are routinely carried out by the driller. The RC samples are collected by plastic bag directly from the rig-mounted cyclone and laid directly on the ground in rows of 10. The drill cyclone and sample buckets are cleaned between rod-changes and after each hole to minimise down-hole and/or cross contamination.
	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.	No sample bias has been established.
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.	Geological logging of samples followed company and industry common practice. Qualitative logging of samples included (but not limited to); lithology, mineralogy, alteration, veining and weathering. Diamond core logging included additional fields such as structure and geotechnical parameters. Magnetic Susceptibility measurements were taken for each 1m RC sample and each 1m diamond core interval. For diamond core, information on structure type, dip, dip direction, texture, shape and fill material has been recorded in the logs. RQD data has been recorded on selected diamond holes. Handheld XRF analysis was completed at 50 cm and 1 m intervals on diamond core and for every metre for RC samples.



Criteria	JORC Code explanation	Commentary
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	All logging is quantitative, based on visual field estimates. Systematic photography of the diamond core in the wet and dry form was completed. Chip trays with representative 1m RC samples were collected and photographed then stored for future reference.
	The total length and percentage of the relevant intersections logged	All diamond drill holes were logged in full. All RC chips samples were geologically logged by Impact's on-site geologist on a 1m basis, with digital capture in the field. Detailed diamond core logging, with digital capture was conducted for 100% of the core by Impact's on-site geologist.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	All core samples were sampled by half core. Selected intervals of quarter core will be selected for check assays if required.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	RC samples were split using a riffle splitter.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Company procedures were followed to ensure sub-sampling adequacy and consistency. These included (but were not limited to), daily work place inspections of sampling equipment and practices, as well as sub-sample duplicates ("field duplicates").
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Laboratory QC procedures for rock sample assays involve the use of internal certified reference material as assay standards, along with blanks, duplicates and replicates. The QC procedure for historical diamond and RC samples is unknown but considered immaterial.
	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.	Sample duplicates from the historical drilling were taken from selected intervals and compared to the original assay. Quarter core was taken for diamond samples and riffle resplits for RC samples.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The samples sizes at Commonwealth are considered appropriate since gold has been identified as predominantly fine-grained by thin section analysis which would indicate the nugget effect is minimal.
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.	An industry standard fire assay technique for samples using lead collection with an Atomic Absorption Spectrometry (AAS) finish was used for gold and aqua regia digest for base metals and silver. The quality of historical drill sample assays is unknown, however this is considered immaterial at this stage of exploration.
	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.	No geophysical tools were used to determine material element concentrations. A handheld XRF was used for qualitative analysis only.
	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.	For the rock chips, quality control procedures for assays were followed via internal laboratory protocols. Accuracy and precision are within acceptable limits. The quality control of historical drill sample assays is unknown, however this is considered immaterial at this stage of exploration.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Significant intersections from drilling have not been verified by independent or alternative companies. This is not required at this stage of exploration.



Criteria	JORC Code explanation	Commentary
	The use of twinned holes.	Two twin diamond holes versus historic RC holes have been drilled at Commonwealth South and Main Shaft.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary assay data for rock chips has been entered into standard Excel templates for plotting in Mapinfo and Target. All historical drill data has been entered digitally by previous explorers and verified internally by Impact.
	Discuss any adjustment to assay data.	No significant adjustments have been required.
Location of data points	Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Recent drill holes have been located by DGPS. Historical drill holes and mine shafts have been verified by DGPS.
	Specification of the grid system used.	The grid system for Commonwealth is MGA_GDA94, Zone 55.
	Quality and adequacy of topographic control.	Standard government topographic maps have been used for topographic validation. The DGPS is considered sufficiently accurate for elevation data. For the diamond holes, down-hole single shot surveys were conducted by the drilling contractor. Surveys were conducted at 6m, 18, 30m and then approximately every 30m down-hole. For the RC drill holes, downhole dip surveys were taken at approximately 30m intervals and at the bottom of the hole.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill spacing of drill holes ranges between 10 and 30 m which is considered adequate for 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.	Drill spacing of drill holes ranges between 10 and 50 m and may be considered adequate for Mineral Resource and Ore reserve estimation procedures. However estimations of grade and tonnes have not yet been made.
	Whether sample compositing has been applied.	Sample compositing has been applied for quoting drill composite results only.
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.	Drilling is oriented sub-perpendicular to the mineralised trend and stratigraphic contacts as determined by field data and cross section interpretation.
	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.	No significant sample bias has been identified from drilling due to the optimum drill orientation described above. Where present, sample bias will be reported.
Sample security	The measures taken to ensure sample security.	For rock samples, chain of custody is managed by Impact Minerals Ltd. Samples for Commonwealth are delivered by Impact Minerals Ltd personnel to ALS in Orange, NSW or to SGS Perth for prep and assay. Whilst in storage, they are kept in a locked yard. Tracking sheets have been set up to track the progress of batches of samples. Security of historic drill samples is unknown however is considered immaterial.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	A review of the sampling techniques and data both of historic drill holes and of Impact's procedures has been completed by Optiro Consultants of Perth, WA.



SECTION 2 REPORTING OF EXPLORATION RESULTS

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 Commonwealth Project currently comprises 3 exploration licences covering 315 km². The tenements are held 100% by Endeavour Minerals Pty Ltd, a subsidiary company of Impact Minerals Limited. No aboriginal sites or places have been declared or recorded in areas where Impact is currently exploring. There are no national parks over the license area.
	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.	The tenements are in good standing with no known impediments.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	A total of 66 drillholes have been completed over 300 m strike between the Commonwealth main shaft and Commonwealth South by previous explorers to an average depth of 53 m.
Geology	Deposit type, geological setting and style of mineralisation.	The Commonwealth and Commonwealth South deposits are considered gold-rich volcanic hosted massive sulphide (VMS) deposits that occur at and below the contact with a porphyrictic rhyolite and overlying volcanic sedimentary rocks. The mineralisation may have been overprinted by epithermal mineralisation.
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.	See Table in text.
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.	All reported assays have been length weighted. No top cuts have been applied. A nominal cut-off of approximately 0.5 g/t Au has been applied.
	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.	High grade massive sulphide intervals internal to broader zones of disseminated sulphide mineralisation are reported as included intervals.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Gold equivalent values have been used in the long section. Metal prices used for the gold equivalent were \$1,650 for gold and \$30 for silver. Given the high grade results, it is assumed that very high recoveries will be achieved. However no metallurgical studies have been completed to verify this. Such studies will be done as and when appropriate.



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 (e.g. 'down hole length, true width not known').	Historical drill holes to date have been sub-perpendicular to the mineralised trend and stratigraphy so intervals are close to true width or otherwise stated.
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.	Refer to Figures in body of text.
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.	All results reported are representative
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.	Assessment of other substantive exploration data is not yet complete however considered immaterial at this stage.
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	Follow up work programmes will be subject to interpretation of recent and historic results which is ongoing.