

ASX ANNOUNCEMENT

Date: 8 August 2016

Number: 479/080816

75 METRE THICK ZONE OF GOLD-SILVER-BASE METAL MINERALISATION DISCOVERED AT SILICA HILL

- A 75 metre thick zone of vein and disseminated sulphide mineralisation intersected from 100 metres down-hole at Silica Hill.
- Assays returned from the first 60 metres of zone (RC drill chips) with assays expected from lower 15 metres (diamond core) in two to three weeks.
- The first 60 metres contains high grade silver veins with increasing gold and base metals down hole and returned an overall intercept of:
60 metres at 0.4 g/t gold, 51 g/t (1.6 ounces) silver, 0.2% zinc and 0.1% lead
or 1.3 g/t gold equivalent* from 99 metres;
- This zone includes:
30 metres at 0.1 g/t gold and 77 g/t (2.5 ounces) silver, 0.2% zinc and 0.1% lead
or 1.3 g/t gold equivalent* from 99 metres;
and also includes
10 metres at 2 g/t gold, 38 g/t silver (1.2 ounces), 0.4% zinc and 0.2% lead
or 2.9 g/t gold equivalent* from 149 metres.
- The high grade silver intercepts (with gold) in the upper part of the assayed zone are:
1 m at 122 g/t (4 ounces) silver and 0.2 g/t gold from 108 metres;
1 m at 146 g/t silver (5 ounces) and 0.1 g/t gold from 118 metres;
2 m at 373 g/t (12 ounces) silver, 0.2 g/t gold, 1.8% zinc and 0.9% lead from 123 m
including 1 m at 525 g/t (17 ounces) silver, 0.1 g/t gold, 2.1% zinc and 1.1% lead from 124 m;
1 m at 337 g/t (11 ounces) silver and 0.1 g/t gold and from 134 metres.
- The first significant gold assays from Silica Hill occur in the lower part of the assayed zone and are open at depth:
1 m at 2.3 g/t gold, 64 g/t (2 ounces) silver, 1% zinc and 1.1% lead from 153 m;
and 1 m at 6.4 g/t gold and 18 g/t silver (0.5 ounces) from 155 metres.
- Diamond core shows extensive disseminated and vein hosted sulphides including narrow veins with extensive zinc and lead sulphides all of which are still to be assayed.
- Mineralisation is terminated by a fault at around 178 metres, suggesting mineralisation may have been offset.
- Further diamond drill hole is in progress to deepen a previous drill hole with an intercept of 20 m at 44 g/t silver and now interpreted to be at the top of the same mineralised zone.
- Mineralisation is open in all directions including up-dip.

* Gold equivalency calculations are based on the following US dollar prices:
Gold \$1356/oz; silver \$20.31/oz; zinc \$1.03/lb; lead 0.81/lb.

A 75 metre thick zone of vein and disseminated sulphide mineralisation has been discovered at the Silica Hill Prospect within Impact Minerals Limited's (ASX:IPT) 100% owned Commonwealth Project, 100 km north of Orange in New South Wales.

The mineralisation has been intersected in Hole IPT043 from 99 metres to 174 metres down hole with assays received for the first 60 metres of the zone drilled by reverse circulation drilling. The last 15 metres of the zone has been diamond drilled with assays expected in two to three weeks.

Impact Minerals' Managing Director Dr Mike Jones said:

"This new discovery by Impact at Silica Hill is a very significant development for the Commonwealth Project. It demonstrates that very thick widths and also high grades of mineralisation exist outside the Commonwealth deposit and to get an intercept like this in our early drilling at the prospect is very encouraging. Together with the very high grade intercepts of massive sulphide recently announced from the northern end of the Commonwealth deposit itself, this should lead to an increase in the project's resource. We are now keen to test this new discovery along trend and at depth where potentially it may even connect to the underlying massive sulphide."

The mineralised zone, which has an upper silver-rich and a lower gold-base metals rich part, contains numerous higher grade intercepts mostly associated with the veins, and has returned:

**60 metres at 0.4 g/t gold, 51 g/t (1.6 ounces) silver, 0.2% zinc and 0.1% lead
or 1.3 g/t gold equivalent from 99 metres;
including 30 metres at 0.1 g/t gold and 77 g/t (2.5 ounces) silver, 0.2% zinc and 0.1% lead
or 1.3 g/t gold equivalent from 99 metres;
and also including 10 metres at 2 g/t gold, 38 g/t silver (1.2 ounces), 0.4% zinc and 0.2% lead
or 2.9 g/t gold equivalent from 149 metres (to end of RC hole at 159 metres).**

There are six higher grade intercepts within these broad zones, which together with the diamond drill core, demonstrate the presence of numerous veins that contain very high grades of silver and probably other metals as well (Figure 1). In the upper silver-rich part of the zone intercepts of note are:

**1 m at 122 g/t (4 ounces) silver and 0.2 g/t gold from 108 metres;
1 m at 146 g/t silver (5 ounces) and 0.1 g/t gold from 118 metres;
2 m at 373 g/t (12 ounces) silver, 0.2 g/t gold, 1.8% zinc and 0.9% lead from 123 m including
1 m at 525 g/t (17 ounces) silver, 0.1 g/t gold, 2.1% zinc and 1.1% lead from 124 m; and
1 m at 0.1 g/t gold and 337 g/t (11 ounces) silver from 134 metres.**

The lower part of the zone contains the first significant gold assays from the Silica Hill Prospect with the following higher grade intercepts within the 10 m thick zone:

**1 m at 2.3 g/t gold, 64 g/t (2 ounces) silver, 1% zinc and 1.1% lead from 153 m;
and 1 m at 6.4 g/t gold and 18 g/t silver (0.5 ounces) from 155 metres.**



Figure 1. Examples of veins from CMIPT043. On the left, quartz-sulphide vein in altered porphyry. On the right, two veins with semi-massive sulphides of zinc, lead and iron (pyrite and arsenopyrite).

The mineralisation comprises numerous veins and stockworks of quartz with variable amounts of zinc, lead and pathfinder sulphide minerals that occur within the Silica Hill rhyolite (Figure 1).

The true width and orientation of the mineralised zone has yet to be established. However the diamond core shows that the veins have a range of orientations including a few veins of massive sulphide up to 10 cm thick oriented at 90- degrees to the core (Figure 1).

It is interpreted that the newly discovered zone connects to previous thick intercepts in two other drill holes at Silica Hill (Figure 2), CMIPT011 which was drilled in a previous campaign and returned:

20 metres at 44 g/t silver from 122 metres and ending in mineralisation (Figures 1 and 2), and CMIPT026 which returned:

39 metres at 0.3 g/t gold and 16 g/t (half an ounce) silver (0.6 g/t gold equivalent) from 5 metres.

Significant silver-gold mineralisation has been defined by drilling over an area of 200 metres by 100 metres in dimension and down to 200 metres below surface. The mineralisation is open in all directions, including up-dip towards surface (Figure 2).

The diamond drill rig has now moved to re-enter Hole CMIPT011 (Figure 2). It is interpreted that this hole intersected the top of the mineralised intercept in Hole CMIPT043 and therefore deepening the hole with diamond core will allow further insights into the trend and nature of the newly discovered mineralisation.

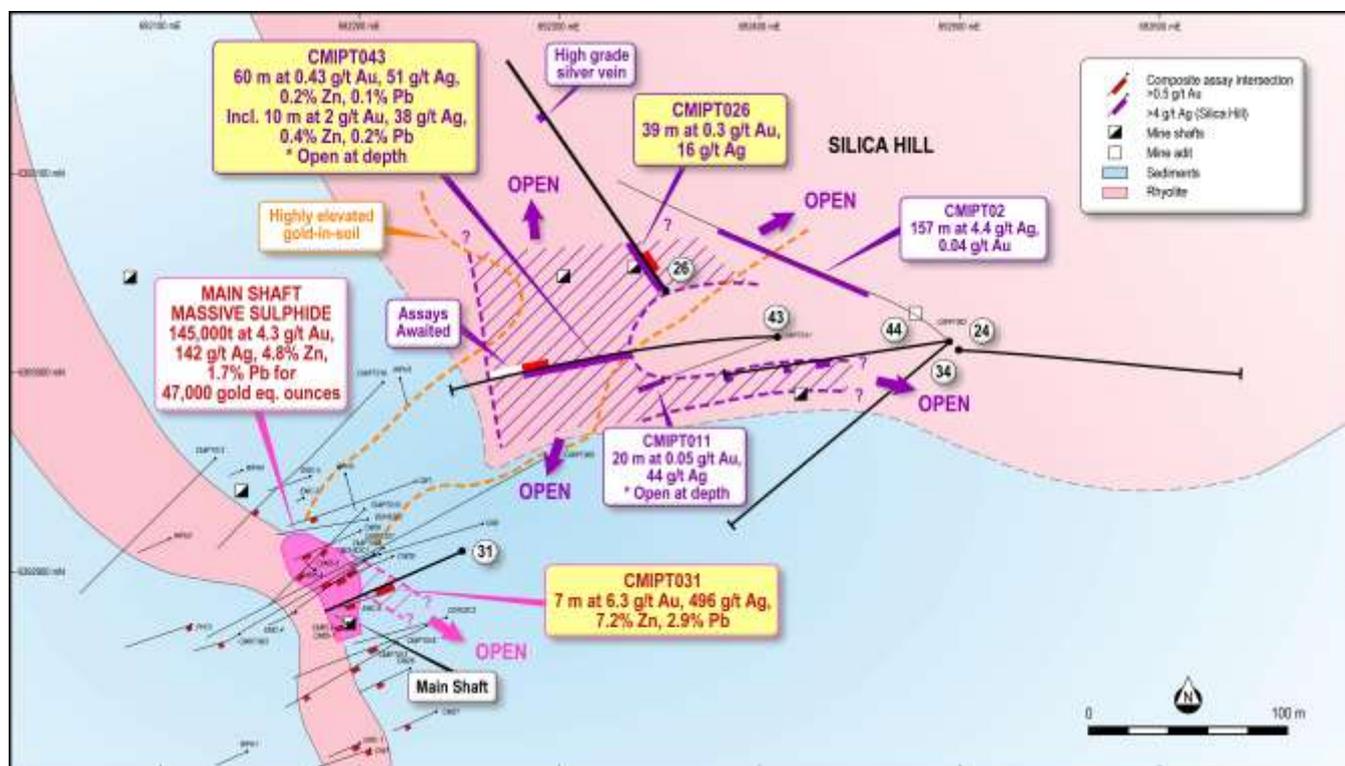


Figure 2. Significant drill results from the Silica Hill Prospect showing area of silver-gold mineralisation defined by drilling and the gold-in-soil anomaly that connects Main Shaft and Silica Hill.

Connection between mineralisation at Main Shaft and Silica Hill

The style and nature of mineralisation in Hole CMIPT043 is similar to that encountered in the rhyolite unit within the Commonwealth deposit and further demonstrates that the mineralisation at the two prospects is part of one larger system. It is possible that the mineralisation at Silica Hill and Main Shaft may be linked at depth. Areas where the two styles of mineralisation may connect will be priority target areas.

A gold-silver-in-soil anomaly extends in a NE direction from Main Shaft to Silica Hill and widens in that direction. This anomaly is open to the north and north-east. This is a further indication that the two areas may be linked and further drilling at depth is required.

Very high grade silver values of almost 1 kg/tonne over 1 metre were returned in this drill programme from Hole CMIPT031 at Main Shaft in a 7 metre thick zone of massive sulphide mineralisation that returned:

7 metres at 6.3 g/t gold, 496 g/t silver (15.9 ounces), 7.2% zinc, 2.9% lead and 0.2% copper (17.7 g/t gold equivalent) from 91 metres;

including 3 metres at 10.6 g/t gold, 571 g/t silver (18.4 ounces), 7.8% zinc, 2.1% lead and 0.2% copper (23.0 g/t gold equivalent) from 92 metres; and

also including 1 metre at 2.5 g/t gold, 979 g/t silver (31.5 ounces), 8.3% zinc, 4.4% lead and 0.1% copper (21.4 g/t gold equivalent) from 95 metres.

This intercept is open down dip, beneath the silver-rich intercepts at Silica Hill (Figure 2). Further drilling here will require new drill permits.

Investment by Squadron Resources Pty Limited

The Commonwealth gold-silver-zinc-lead project and also Impact's Broken Hill platinum-copper-nickel project are part of the investment agreement between Impact Minerals and Squadron Resources Pty Ltd, part of the Minderoo Group which represents the philanthropic and business interests of Andrew and Nicola Forrest (see announcement [17 July 2015](#)).

As part of the investment agreement, Squadron at its sole discretion, can invest a further A\$1 million into either or both of the projects to earn a 19.9% interest after Impact has spent a combined total of \$2.5 million on them.

Impact will meet the \$2.5 million expenditure target in this Quarter.

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

Table 1. Drill holes completed in current programme.

Impact Collar ID	Easting^	Northing^	Planned Depth	Dip	Azimuth	Elevation	RC Metres Drilled	Diamond Metres Drilled	Prospect
CMIPT022	692348	6392583	110	-59	240	364		134.3	Commonwealth South EM
CMIPT023	692298	6392696	180	-68	250	351		126.4	Commonwealth South
CMIPT024	692501	6393012	200	-45	95	406	151.8	63.8	Silica Hill IP East
CMIPT025	692354	6392611	110	-45	240	370		125.7	Commonwealth South
CMIPT026	692354	6393041	200	-45	325	402	120	86.5	Silica Hill Gravity Geochem
CMIPT027	693500	6392470	120	-55	285	374	120		Walls
CMIPT028	693538	6393321	250	-55	270	498	159	TBC	Welcome Jack
CMIPT029	393400	6393300	350	-50	270	563	151	TBC	Welcome Jack
CMIPT030	692180	6392430	200	-60	275	318.3	105	144.3	South Western Gravity
CMIPT031	692251	6392911	120	-65	243	354.5	120		Main Shaft EM
CMIPT032	692307	6392663	140	-65	210	351	142		Commonwealth South - south plunge
CMIPT033	692496	6392791	180	-65	270	340	135	51.6	Banana Gravity anomaly
CMIPT034	692492	6393013	230	-52	230	410		223.1	Silica Hill IP West
CMIPT035	692456	6393717	320	-55	285	602	99	9	Zinc Donut IP
CMIPT036	691910	6393591	130	-67	205	514	130		Zinc Donut Tonalite
CMIPT037	691743	6393592	120	-75	205	459	140		Zinc Donut Pear Gravity
CMIPT038	692060	6393888	180	-45	70	411	150		Zinc Donut Central IP
CMIPT039	692105	6392739	200	-45	245		159		Western Trend IP
CMIPT040	692456	6393717	320	-55	285	602		351	Zinc Donut IP
CMIPT041	692348	6392583	140	-66	240	364	140		Commonwealth South EM
CMIPT042	692351	6392605	120	-40	235		119		Commonwealth South EM up dip
CMIPT043	692408	6393018	160	-45	270	404	159	49.7	Silica Hill
CMIPT044	692492	6393013	150	-45	260	406	150		Silica Hill
CMIPT045	693444	6392700	100	-45	270	360	118		Walls north

APPENDIX 1 - SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
<p>Sampling techniques</p> <p><i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>Diamond Drilling Diamond drilling was used to produce drill core either with a diameter of 63.5 mm (HQ) or 47.6 mm (NQ).</p>	
<p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used</i></p>	<p>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.</p> <p>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</p>	

Criteria	JORC Code explanation	Commentary
	<p><i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information</i></p>	<p>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 sub-samples 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.</p> <p>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.</p> <p>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 regia 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.</p>
Drilling techniques	<p><i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i></p>	<p>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.</p>
Drill sample recovery	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed</i></p> <hr/> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples</i></p> <hr/> <p><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p>	<p>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.</p> <hr/> <p>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.</p> <hr/> <p>No sample bias has been established.</p>
Logging	<p><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p>	<p>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.</p>

Criteria	JORC Code explanation	Commentary
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	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.
	<i>The total length and percentage of the relevant intersections logged</i>	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	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	All core samples were sampled by half core. Selected intervals of quarter core will be selected for check assays if required.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	RC samples were split using a riffle splitter.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	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").
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	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.
	<i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i>	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.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	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	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	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.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	No geophysical tools were used to determine material element concentrations. A handheld XRF was used for qualitative analysis only.
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	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	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	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
	<i>The use of twinned holes.</i>	Two twin diamond holes versus historic RC holes have been drilled at Commonwealth South and Main Shaft.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	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.
	<i>Discuss any adjustment to assay data.</i>	No significant adjustments have been required.
Location of data points	<i>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.</i>	Recent drill holes have been located by DGPS. Historical drill holes and mine shafts have been verified by DGPS.
	<i>Specification of the grid system used.</i>	The grid system for Commonwealth is MGA_GDA94, Zone 55.
	<i>Quality and adequacy of topographic control.</i>	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	<i>Data spacing for reporting of Exploration Results.</i>	Drill spacing of drill holes ranges between 10 and 30 m which is considered adequate for Exploration Results.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	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.
	<i>Whether sample compositing has been applied.</i>	Sample compositing has been applied for quoting drill composite results only.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Drilling is oriented sub-perpendicular to the mineralised trend and stratigraphic contacts as determined by field data and cross section interpretation.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	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	<i>The measures taken to ensure sample security.</i>	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	<i>The results of any audits or reviews of sampling techniques and data.</i>	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 km ² . 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 porphyritic rhyolite and overlying volcanic sedimentary rocks. The mineralisation may have been overprinted by epithermal mineralisation.
Drill hole information	<p>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:</p> <ul style="list-style-type: none"> • 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	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>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').</p>	<p>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.</p>
Diagrams	<p>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.</p>	<p>Refer to Figures in body of text.</p>
Balanced reporting	<p>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.</p>	<p>All results reported are representative</p>
Other substantive exploration data	<p>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.</p>	<p>Assessment of other substantive exploration data is not yet complete however considered immaterial at this stage.</p>
Further work	<p>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</p>	<p>Follow up work programmes will be subject to interpretation of recent and historic results which is ongoing.</p>