

EXTENSIVE GOLD-SILVER CONFIRMED EL REFUGIO WEST - COPALQUIN DISTRICT MEXICO

Highlights

- Multiple vein intercepts confirming the El Refugio structure extends 180m to the west
- Drilling result highlights for first holes stepping out to the west along the El Refugio structure:
 - 26.78m @ 2.26 g/t gold, 25.1 g/t silver from 143.22m (CDH-066), including 1.71m @ 5.23 g/t gold, 160 g/t silver from 145.44m, and 2.00m @ 15.6 g/t gold, 35 g/t silver from 159.0m, and 1.22m @ 5.87 g/t gold, 5.5 g/t silver from 164.58m
 - 1.02m @ 0.90 g/t gold, 15 g/t silver from 111. 68 (CDH-065)
 1.00m @ 0.48 g/t gold, 42 g/t silver from 119.8m
 1.37m @ 8.73 g/t gold, 397 g/t silver from 186.3m
 - 4.30m @ 0.60 g/t gold, 24 g/t silver from 165m (CDH-064)
 5.85m @ 0.84 g/t gold, 32.8 g/t silver from 175.2m
 3.00m @ 0.71 g/t gold, 34 g/t silver from 201m
 2.50m @ 0.58 g/t gold, 38.2 g/t silver from 226.5m
- Drill plan in place to test deeper in this extension of the El Refugio structure

Mithril Resources Ltd (ASX: MTH) (**Mithril** or the **Company**) is pleased to announce further drilling results on the fully funded exploration activities at its Copalquin Gold Silver District, Mexico.

Mithril CEO and Managing Director, John Skeet, commented:

"The step out drilling to the west at El Refugio has confirmed continuation of the gold-silver mineralised structure 180m further west. These broad intercepts with high-grade gold and silver are important results for further extensions deeper and to the west at El Refugio. El Refugio continues to produce reportable intercepts with every hole drilled as we continue to expand the resource potential in this part of the Copalquin District."

The first holes drilled west along the main El Refugio discovery have intercepted multiple gold-silver veins within the broad El Refugio structure. These first holes reported have confirmed the structure to continue 180 metres further west. Further drilling in this area will target the structure deeper and continue to test for continuation along strike.

Hole CDH-064 intercepted multiple veins down dip of holes CDH-024 and 025 within a broadening mineralised structure. This will continue to be developed at depth.

DIRECTORS

John Skeet – Managing Director & CEO Garry Thomas – Non Executive Director Dudley Leitch – Non Executive Director Stephen Layton – Non Executive Director Adrien Wing – Company Secretary MITHRIL RESOURCES LIMITED ACN: 099 883 922 ASX: MTH

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REGISTERED OFFICE

Level 2 480 Collins St Melbourne VIC 3000 T: +61 3 9614 0600 E: admin@mithrilresources.com.au CDH-064 - 4.30m @ 0.60 g/t gold, 24 g/t silver from 165m, plus 5.85m @ 0.84 g/t gold, 32.8 g/t silver from 175.2m, plus 3.00m @ 0.71 g/t gold, 34 g/t silver from 201m, plus 2.5m @ 0.58 g/t gold, 38.2 g/t silver from 226.5m.

Holes CDH-065 and CDH-066 have stepped out along strike 100m to the west and have successfully intercepted the top of the El Refugio structure. Future drilling in this area will target and develop the structure deeper.

CDH-065 - 1.37m @ 8.73 g/t gold, 397 g/t silver from 186.3m, plus 1.00m @ 0.48 g/t gold, 42 g/t silver from 119.8m, plus 1.02m @ 0.90 g/t gold, 15 g/t silver from 111.68m.

CDH-066 - 26.78m @ 2.26 g/t gold, 25.1 g/t silver from 143.22m, including **1.71m @ 5.23 g/t gold, 160 g/t silver** from 145.44m, and **2.00m @ 15.6 g/t gold, 35 g/t silver** from 159.0m, and **1.22m @ 5.87 g/t gold, 5.5 g/t silver** from 164.58m.

CDH-067 – drilled down dip of hole CDH-066, stopped in stockwork zone before reaching the target due to swelling clay. **1.00m @ 1.17 g/t gold, 41 g/t silver** from 189.9m, and **0.71m @ 0.77 g/t gold, 23 g/t silver** from 195.95m. To be reentered and completed later in program.

Hole CDH-068 has been completed a further 80m to the west of hole CDH-066 and has intercepted the Refugio structure. Core samples from this drill hole are with the laboratory for assay.

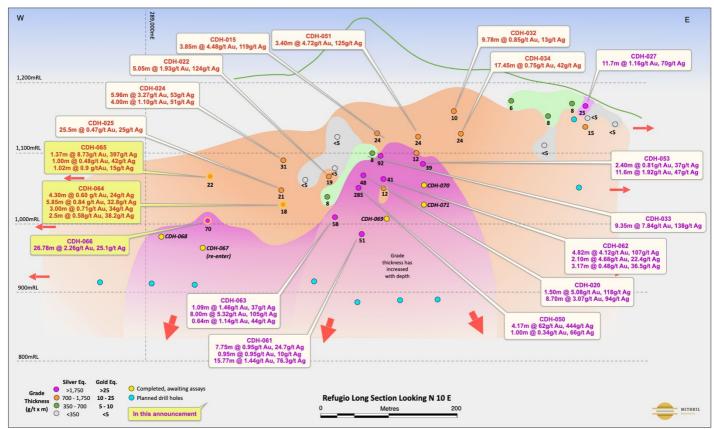


Figure 1: Long section for the El Refugio target in the Copalquin district showing drill hole pierce points. Grade thickness as shown is the sum of all intercepts in each hole. Figures 2 and 3 over page show the plan location and the full width long section developed to date.

¹ Metal equivalent grades calculated using 70 g/t Ag = 1 g/t Au, based on gold price of USD1,610 per ounce and silver price of USD23 per ounce.



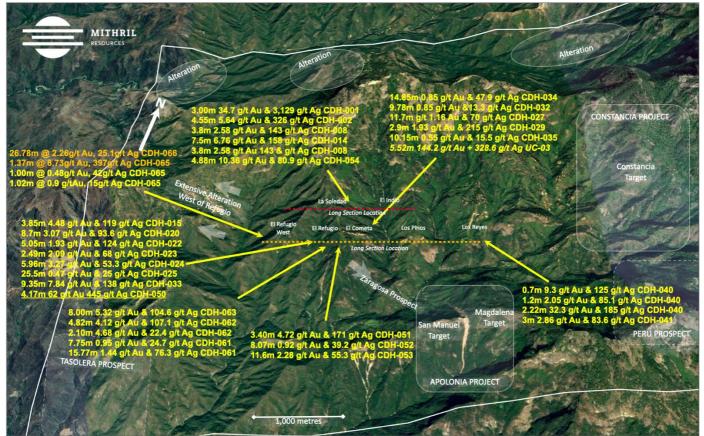


Figure 2: Western part of the Copalquin District with the long section in Figure 3 below, shown by the orange dashed line.

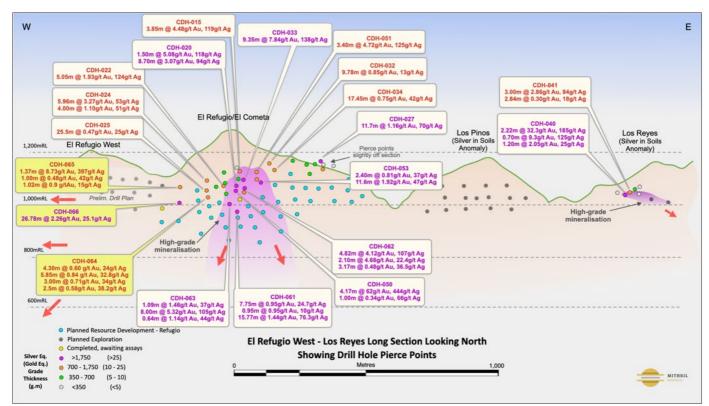


Figure 3: Schematic Long section with drill hole pierce point for holes completed to date plus conceptual planned resource development holes in turquoise and exploration holes shown in grey.



Below in Figures 4 and 5 are two cross sections through the El Refugio target where the drill holes in this announcement are shown.

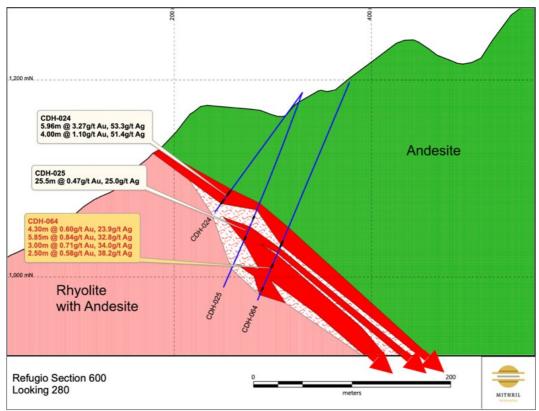


Figure 4: Cross Section 600, veins have developed with depth. Deeper drilling planned on this section.

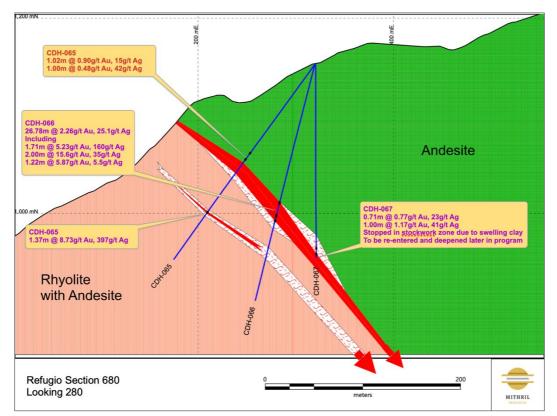


Figure 5: Cross Section 680, veins have developed with depth. Further drilling to continue to intercept the structure/veins deeper. Hole CDH-067 was stopped due to swelling clay. This hole will be completed at a later date.



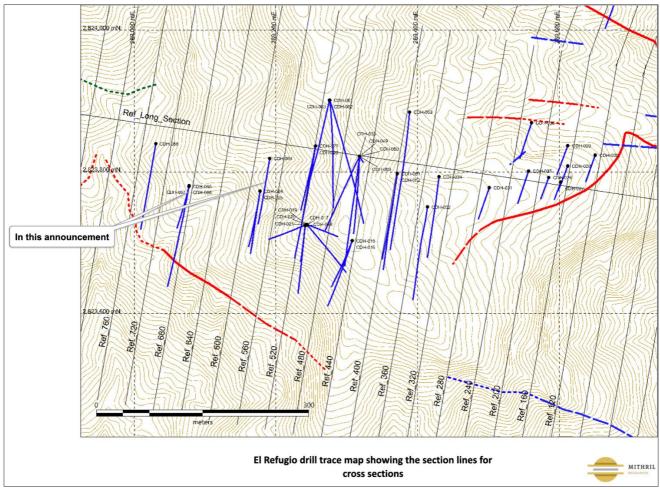


Figure 6: El Refugio drill hole location map showing section lines.

ABOUT THE COPALQUIN GOLD SILVER PROJECT

The Copalquin mining district is located in Durango State, Mexico and covers an entire mining district of 70km² containing several dozen historic gold and silver mines and workings, ten of which had notable production. The district is within the Sierra Madre Gold Silver Trend which extends north-south along the western side of Mexico and hosts many world class gold and silver deposits.

Multiple mineralisation events, young intrusives thought to be system-driving heat sources, widespread alteration together with extensive surface vein exposures and dozens of historic mine workings, identify the Copalquin mining district as a major epithermal centre for Gold and Silver.

Mithril Resources is earning 100% interest in the Copalquin District mining concessions via a purchase option agreement detailed in ASX announcement dated 25 November 2019.





Figure 7: Copalquin District location map within the Sierra Madre gold-silver trend with North American majors currently working in this part of Mexico.

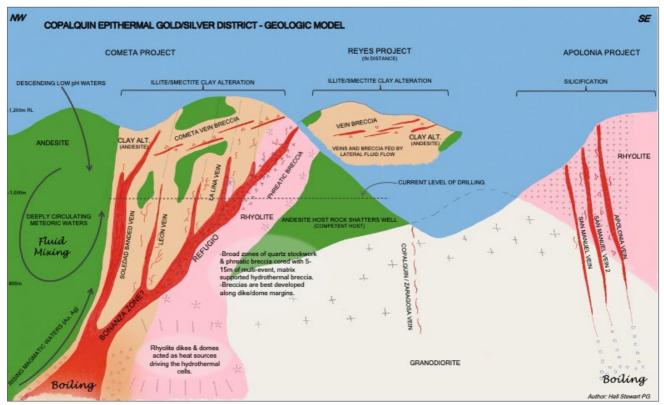


Figure 8: Copalquin District Geologic Model for epithermal gold/silver - geologic model (author: Hall Stewart PG, Chief Geologist)



-ENDS-

Released with the authority of the Board.

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Competent Persons Statement

The information in this report that relates to sampling techniques and data, exploration results and geological interpretation has been compiled by Mr Hall Stewart who is Mithril's Chief Geologist. Mr Stewart is a certified professional geologist of the American Institute of Professional Geologists. This is a Recognised Professional Organisation (RPO) under the Joint Ore Reserves Committee (JORC) Code.

Mr Stewart has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Stewart consents to the inclusion in this report of the matters based on information in the form and context in which it appears. The Australian Securities Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

APPENDICES

| | From | То | Length | Au | Ag | |
|---------|------------------|--------------|--------------|----------------|----------------|-------------------------|
| Hole_ID | interval (m) | interval (m) | interval (m) | interval (g/t) | interval (g/t) | AuEQ ¹ (g/t) |
| CDH-015 | 146 | 149.85 | 3.85 | 4.48 | 119.3 | 6.18 |
| | including | | | | | |
| CDH-015 | 146.5 | 148.65 | 2.15 | 6.32 | 186.7 | 8.99 |
| | and | | | | | |
| CDH-015 | 185.1 | 186 | 0.9 | 1.18 | 3.2 | 1.23 |
| | and | | | | | |
| CDH-015 | 190.65 | 191.65 | 1 | 1.03 | 1.6 | 1.05 |
| CDH-016 | no reportable in | tercept | | | | |
| CDH-017 | 168.25 | 169.25 | 1 | 1.45 | 55.1 | 2.24 |
| CDH-018 | 148.82 | 150.95 | 2.13 | 1.28 | 14.7 | 1.49 |
| CDH-019 | 159 | 162 | 3 | 2.06 | 52.3 | 2.81 |
| CDH-020 | 169 | 170.5 | 1.5 | 5.08 | 117.5 | 6.76 |
| | and | | | | | |
| CDH-020 | 176.85 | 185.55 | 8.7 | 3.07 | 93.6 | 4.41 |
| | including | | | | | |
| CDH-020 | 176.85 | 179.25 | 2.4 | 8.42 | 184.0 | 11.05 |
| CDH-021 | 175.7 | 176.35 | 0.65 | 0.48 | 27.3 | 0.87 |
| | and | | | | | |
| CDH-021 | 185.45 | 186 | 0.55 | 0.75 | 77.6 | 1.86 |
| CDH-022 | 227.4 | 232.45 | 5.05 | 1.93 | 123.7 | 3.70 |
| | Including | | | | | |



| CDH-022 | 227.4 | 229.55 | 2.15 | 3.28 | 140.0 | 5.28 |
|---------|---------------------------|--------------------------|-----------------------------|---------------------|------------------|--------------|
| CDH-023 | 223.51 | 226 | 2.49 | 2.09 | 68.0 | 3.06 |
| | | | | | | |
| CDH-024 | 123.6 | 129.56 | 5.96 | 3.27 | 53.3 | 4.03 |
| | and | | | | | |
| CDH-024 | 135.35 | 139.35 | 4 | 1.10 | 51.4 | 1.83 |
| CDH-025 | 131 | 156.5 | 25.5 | 0.47 | 25.0 | 0.83 |
| | Including | | | | | |
| CDH-025 | 135 | 137 | 2 | 1.81 | 69.6 | 2.80 |
| | and | | | | | |
| CDH-025 | 145.59 | 147.44 | 1.85 | 0.43 | 51.8 | 1.17 |
| CDH-032 | 78.75 | 88.53 | 9.78 | 0.85 | 13.3 | 1.04 |
| CDH-033 | 206.3 | 215.65 | 9.35 | 7.84 | 138.1 | 9.81 |
| | Including | | | | | |
| CDH-033 | 207 | 211 | 4 | 16.44 | 286.8 | 20.54 |
| CDH-034 | 78.8 | 96.25 | 17.45 | 0.75 | 41.6 | 1.34 |
| 6011001 | including | 50.25 | 17.13 | 0.75 | 11.0 | |
| CDH-034 | 82.85 | 84.15 | 1.3 | 5.07 | 308.8 | 9.48 |
| CDH-049 | 208.27 | 212 | 3.73 | 1.12 | 37.74 | 1.66 |
| CDH-049 | 200.27 | 235 | 4 | 1.08 | 27.4 | 1.47 |
| CDH-050 | 233.43 | 237.6 | 4.17 | 62.03 | 444.5 | 68.38 |
| CDH-050 | 233.43 | 237.0 | 4.17 | 0.34 | 66.2 | 1.29 |
| CDH-050 | 135.6 | 139 | | 4.72 | 170.8 | 7.16 |
| CDH-051 | 135.6 | | 3.4 | | | 1.48 |
| | | 151.87 | 8.07 | 0.92 | 39.22 | 1.40 |
| CDH-053 | 143.6 | 146 | 2.4 | 0.81 | 37.37 | |
| CDH-053 | 149 | 163.6 | 14.6 | 1.92 | 47.14 | 3.07 |
| CDH-061 | 272 | 279.75 | 7.75 | 0.95 | 24.71 | 1.30 |
| CDH-061 | 291 | 291.95 | 0.95 | 0.95 | 10.00 | 1.09 |
| CDH-061 | 323.23 | 339 | 15.77 | 1.44 | 76.30 | 2.53 |
| CDH-062 | 259.7 | 264.52 | 4.82 | 4.12 | 107.13 | 5.65 |
| | including | | | | | |
| CDH-062 | 260.7 | 262.3 | 1.6 | 7.94 | 211.10 | 10.95 |
| | and | | | | | |
| CDH-062 | 299.5 | 301.6 | 2.1 | 4.68 | 22.38 | 5.00 |
| CDH-062 | 303.85 | 307.02 | 3.17 | 0.48 | 36.50 | 1.00 |
| CDH-063 | 282.66 | 283.75 | 1.09 | 1.46 | 37 | 1.99 |
| CDH-063 | 289.3 | 297.3 | 8 | 5.32 | 104.63 | 6.82 |
| | including | | | | | |
| CDH-063 | 289.85 | 290.85 | 1 | 29.9 | 273 | 33.8 |
| | and | | | | | |
| CDH-063 | 309.32 | 309.96 | 0.64 | 1.14 | 44 | 1.77 |
| | | | | | | |
| CDH-064 | 165 | 169.3 | 4.3 | 0.6 | 23.95 | 0.94 |
| CDH-064 | 175.2 | 181.05 | 5.85 | 0.84 | 32.8 | 1.31 |
| CDH-064 | 201 | 204 | 3 | 0.71 | 34 | 1.2 |
| CDH-064 | 226.5 | 229 | 2.5 | 0.58 | 38.2 | 1.12 |
| CDH-065 | 111.68 | 112.7 | 1.02 | 0.9 | 15 | 1.11 |
| CDH-065 | 119.8 | 120.8 | 1 | 0.48 | 42 | 1.08 |
| CDH-065 | 186.3 | 187.67 | 1.37 | 8.73 | 397.3 | 14.4 |
| CDH-066 | 143.22 | 170 | 26.78 | 2.26 | 25.16 | 2.61 |
| | including | | | | | |
| CDH-066 | 145.44 | 147.15 | 1.71 | 5.23 | 160.23 | 7.52 |
| | and including | 1 | İ | | 1 | |
| CDH-066 | 159 | 161 | 2 | 15.61 | 35 | 16.11 |
| CDH-000 | and including | | | | | |
| CDH-000 | | | | F 07 | | 5.95 |
| | 164.58 | 165.8 | 1.22 | 5.8/ | 5.5 | 3.33 |
| CDH-066 | 164.58 189.9 | 165.8 190.9 | 1.22 1.00 | 5.87 1.17 | 5.5 41 | |
| | 164.58 189.9 195.95 | 165.8 190.9 196.66 | 1.22 1.00 0.71 | 1.17 0.77 | 41 23 | 1.76 1.10 |

 Table 1: Significant drill hole intercepts to date gold and silver assays for all drill holes drilled in the El Refugio target, Cometa Project,

 Copalquin District.



JORC CODE, 2012 EDITION – TABLE 1

SECTION 1 SAMPLING TECHNIQUES AND DATA

| 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. | Samples for the Copalquin, Mexico drill programs consist of ½ HQ core cut lengthwise with a diamond saw. Intervals are nominally 1 m, but may vary between 1.5 m to 0.5 m based on geologic criteria. The same side of the core is always sent to sample (left side of saw). Reported intercepts are calculated as either potentially underground mineable (below 120m below surface) or as potentially open-pit mineable (near surface). Potentially underground mineable intercepts are calculated as length weighted averages of material greater than 1 g/t AuEQ_70 allowing up to 2m of internal dilution. Potentially open-pit mineable intercepts are calculated as length weighted averages of material greater than 0.25 g/t AuEQ_70 allowing for up to 2m of internal dilution. 2021 soil sampling has been carried out by locating pre-planned points by handheld GPS and digging to below the first colour-change in the soil (or a maximum of 50 cm). In the arid environment there is a 1 – 10 cm organic horizon and a 10 – 30 cm B horizon above the regolith. Samples are sieved to -80 mesh in the field. A 15 g aliquot of sample is split from the soil "pulps" for analysis by X-Ray fluorescence (XRF). Mithril uses an Olympus Vanta 50kV X-Ray fluorescence analyser with a lower detection limit for silver of 2 ppm. |
| 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). | • Drilling is done with an MP500 man-portable core rig capable of drilling HQ size core to depths of 400 m. To data all core has been HQ size although we are prepared to reduce to NQ if needed. |
| Drill sample recovery | Method of recording and assessing core and chip sample recoveries and results assessed. | Drill recovery is measured based on measured length of core divided by length of drill run. Recovery in holes CDH-001 through CDH-025 and holes |



| Criteria | JORC Code explanation | Commentary | | | | |
|---|--|---|--|--|--|--|
| | 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. | CDH-032 through CDH-060 was always above 90% in the mineralized zones. Holes CDH-026 through CDH-031 had problems with core recovery in highly fractured, clay rich breccia zones. There is no adverse relationship between recovery and grade identified to date. | | | | |
| 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. | Core samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Core logging is both qualitative or quantitative in nature. Photos are taken of each box of core before samples are cut. Core is wetted to improve visibility of features in the photos. All core has been logged and photographed. | | | | |
| 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. | Core is sawn and half core is taken for sample. Samples are prepared using ALS Minerals Prep-31 crushing, splitting and pulverizing. This is appropriate for the type of deposit being explored. Visual review to assure that the cut core is ½ of the core is performed to assure representativity of samples. field duplicate/second-half sampling is undertaken for 3% of all samples to determine representativity of the sample media submitted. Sample sizes are appropriate to the grain size of the material being sampled. | | | | |
| Quality of assay data and | • The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. | Samples are assayed for gold using ALS Minerals Au- AA23 method a 30 g fire assay with an AA finish. This is considered a total assay technique. Samples are assayed for silver using ALS Minerals ME- ICP61 method. Over limits are assayed by AgOG63 and | | | | |



| Criteria | JORC Code explanation | Commentary |
|--|--|--|
| laboratory tests | 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. | AgGRAV21. These are considered a total assay technique. Standards, blanks and duplicates are inserted appropriately into the sample stream. External laboratory checks will be conducted as sufficient samples are collected. Levels of accuracy (ie lack of bias) and precision have not yet been established. Soil sampling is also subject to a program of standards and blanks using the X-ray florescence (XRF) analyser. Results are acceptable. |
| Verification of sampling and assaying | The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. | The verification of significant intersections by either independent or alternative company personnel has not been conducted. The use of twinned holes. No twin holes have been drilled. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols are maintained in the company's core facility. Assay data have not been adjusted other than applying length weighted averages to reported intercepts. |
| 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. | Drill collar coordinates are currently located by handheld GPS. Precise survey of hole locations is planned. Downhole surveys of hole deviation are recorded for all holes. Locations for holes CDH-001 through CDH-048 have been surveyed with differential GPS to a sub 10 cm precision. Hole CDH-005 was not surveyed UTM/UPS WGS 84 zone 13 N High quality topographic control from Photosat covers the entire drill project area. |
| 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. | Data spacing is appropriate for the reporting of Exploration Results. No Resource Estimation is included in this News Release. No sample compositing has been applied. |



| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| 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. | Cut lines are marked on the core by the geologists to assure that the orientation of sampling achieves unbiased sampling of possible structures. This is reasonably well observed in the core and is appropriate to the deposit type. The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias. |
| Sample security | • The measures taken to ensure sample security. | • Samples are stored in a secure core storage facility until they are shipped off site by small aircraft and delivered directly to ALS Minerals. |
| Audits or reviews | • The results of any audits or reviews of sampling techniques and data. | • No audits or reviews of sampling techniques and data have been performed. |

SECTION 2 REPORTING OF EXPLORATION RESULTS

| Criteria | JORC Code explanation | Commentary | | | | | | | | | |
|-----------------------------------|---|------------------------|----------------------------------|---------------|-------------------------------|--------------|--|------------------------------|--|--|--|
| Mineral tenement | • Type, reference name/number, location | • | Concessions at Copalquin | | | | | | | | |
| and land tenure status | tenure agreements or material status issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental | | No. | Concession | Concession Title number | Area (Ha) | Location | | | | |
| | | | 1 | LA SOLEDAD | 52033 | 6 | Tamazula, Durango, Mexico | | | | |
| | | | 2 | EL COMETA | 164869 | 36 | Tamazula, Durango, Mexico | | | | |
| | | park and environmental | park and environmental settings. | 3 | SAN MANUEL | 165451 | 36 | Tamazula, Durango, Mexico | | | |
| | • The security of the tenure held at the time of | | 4 | COPALQUIN | 178014 | 20 | Tamazula, Durango, Mexico | | | | |
| reporting along known impedime | reporting along with any known impediments to obtaining a licence to | | 5 | EL SOL | 236130 | 6,000 | Tamazula, Durango and Badiraguato, Sinaloa, Mexico | | | | |
| | operate in the area. | • | 6 | EL CORRAL | 236131 | 907.3243 | Tamazula, Durango and Badiraguato, Sinaloa, Mexico | | | | |



| Criteria | JORC Code explanation | Commen | tary | | | | | | |
|---|---|---|--|--|---|--|--|---|---|
| Explorati on done by other parties | • Acknowledgment and appraisal of exploration by other parties. | Previous exploration by Bell Coast Capital Corp. and UC Resources was done in the late 1990's and in 2005 – 2007. Work done by these companies is historic and non-JORC compliant. Mithril uses these historic data only as a general guide and will not incorporate work done by these companies in resource modelling. Work done by the Mexican government and by IMMSA and will be used for modelling of historic mine workings which are now inaccessible (void model) | | | | | | | |
| Geology | • Deposit type, geological setting and style of mineralisation. | andesi of Me: surrou formed betwee norma meters overal Refug Additi | te. This dep kico and is nded by ha d as both lo en granodio l faults. Ve wide with l strike leng io to Comet onal strike | w sulfidatio posit type is characterize loes of argii w-angle ser rite and and in and brecc average with th of the se ta to Los Pir length at La ation potent | commo ed by qu llic (illite mi-conti- desite an cia thick dths on t emi-cont nos to L a Consta | n in the S artz veins e/smectite nuous lens d as tabul ness has b the order o inuous mi os Reyes | ierra M and st altera ses par ar vein been ob of 3 to neraliz is 2 kil | fadre Od ockworl ation. Vo allel to f as in hig oserved 5 meters red zone ometres | ccidental cs eins have he contact h-angle up to 30 s. The from |
| Drill hole | • A summary of all | Hole_ID | WGS84_E | WGS84_N | EI_M | Azimuth | Incl | Depth | Target |
| Informatio | information material to | CDH-001 | 289591 | 2824210 | 1113 | 220 | -65 | 210.50 | Soledad |
| n | the understanding of the | CDH-002 | 289591 | 2824210 | 1113 | 165 | -60 | 204.00 | Soledad |
| | exploration results | CDH-003 CDH-004 | 289591 289591 | 2824210 2824210 | 1113 | 155 245 | -70 -55 | 153.00 202.50 | Soledad |
| | including a tabulation of | CDH-004 CDH-005 | 289591 | 2824210 | 1113 1083 | 245 | -55 | 10.50 | Soledad Soledad |
| | the following information | CDH-006 | 289665 | 2824195 | 1083 | 200 | -59 | 87.00 | Soledad |
| | for all Material drill | CDH-007 | 289665 | 2824195 | 1083 | 240 | -68 | 12.00 | Soledad |
| | holes: | CDH-008 | 289645 | 2824196 | 1088 | 150 | -62 | 165.00 | Soledad |
| | • easting and northing of | CDH-009 | 289645 | 2824196 | 1088 | 197 | -70 | 21.00 | Soledad |
| | the drill hole collar | CDH-010 | 289649 | 2824206 | 1083 | 198 | -64 | 180.00 | Soledad |
| | • elevation or RL | CDH-011 CDH-012 | 289649 289678 | 2824206 2824313 | 1083 1095 | 173 200 | -62 -45 | 138.00 228.00 | Soledad Soledad |
| | (Reduced Level – | CDH-013 | 289678 | 2824313 | 1095 | 180 | -45 | 240.30 | Soledad |
| | elevation above | CDH-014 | 289678 | 2824313 | 1095 | 220 | -45 | 279.00 | Soledad |
| | • sea level in metres) of the | CDH-015 | 289311 | 2823706 | 1271 | 200 | -75 | 256.50 | Refugio |
| | drill hole collar | CDH-016 | 289311 | 2823706 | 1271 | 200 | -60 | 190.50 | Refugio |
| | • <i>dip and azimuth of the</i> | CDH-017 | 289234 | 2823727 | 1236 | 190 | -75 | 171.00 | Refugio |
| | hole | CDH-018 | 289234 | 2823727 | 1236 1236 | 190 | -53 | 159.00 | Refugio Refugio |
| | • down hole length and | CDH-019 CDH-020 | 289234 289234 | 2823727 2823727 | 1236 | 140 115 | -65 -78 | 201.00 216.00 | Refugio Refugio |
| | interception depth | CDH-020 | 289234 | 2823727 | 1236 | 250 | -75 | 210.00 | Refugio |
| | • hole length. | CDH-022 | 289255 | 2823835 | 1251 | 190 | -54 | 261.00 | Refugio |
| | • If the exclusion of this | CDH-023 | 289255 | 2823835 | 1251 | 190 | -70 | 267.00 | Refugio |
| | information is justified on | CDH-024 | 289170 | 2823774 | 1185 | 190 | -55 | 150.00 | Refugio |
| | the basis that the | CDH-025 | 289170 | 2823774 | 1185 | 190 | -70 | 213.00 | Refugio |
| | information is not | CDH-026 CDH-027 | 289585 289605 | 2823795 2823790 | 1183 1179 | 200 200 | -50 -60 | 51.00 51.00 | Cometa Cometa |
| | Material and this | | 1 / 890(15 | | 1 11/4 | 1 /1 11 1 | D() | 1 51 00 | |



| Criteria | JORC Code explanation | Commentary | | | | | | | | |
|----------|----------------------------|------------|--------|---------|------|-----|-----|--------|-----------|--|
| | exclusion does not detract | CDH-028 | 289612 | 2823815 | 1170 | 200 | -45 | 51.00 | Cometa | |
| | from the understanding of | CDH-029 | 289611 | 2823835 | 1152 | 200 | -45 | 60.00 | Cometa | |
| | the report, the Competent | CDH-030 | 289653 | 2823823 | 1153 | 200 | -45 | 55.50 | Cometa | |
| | Person should clearly | CDH-031 | 289510 | 2823781 | 1197 | 200 | -45 | 66.00 | Cometa | |
| | - | CDH-032 | 289414 | 2823752 | 1223 | 190 | -50 | 207.00 | Refugio | |
| | explain why this is the | CDH-033 | 289325 | 2823822 | 1269 | 190 | -55 | 270.00 | Refugio | |
| | case. | CDH-034 | 289429 | 2823795 | 1197 | 190 | -50 | 183.00 | Refugio | |
| | | CDH-035 | 289560 | 2823800 | 1185 | 200 | -45 | 69.00 | Cometa | |
| | | CDH-036 | 289556 | 2823868 | 1150 | 200 | -45 | 75.00 | Cometa | |
| | | CDH-037 | 289650 | 2824145 | 1156 | 200 | -45 | 159.40 | Soledad | |
| | | CDH-038 | 289565 | 2824170 | 1185 | 200 | -45 | 135.00 | Soledad | |
| | | CDH-039 | 290765 | 2823760 | 1119 | 230 | -70 | 123.00 | Los Reyes | |
| | | CDH-040 | 290801 | 2823733 | 1112 | 230 | -51 | 123.00 | Los Reyes | |
| | | CDH-041 | 290842 | 2823702 | 1120 | 240 | -45 | 120.00 | Los Reye | |
| | | CDH-042 | 290365 | 2823765 | 1128 | 200 | -50 | 60.00 | Los Pinos | |
| | | CDH-043 | 290365 | 2823765 | 1128 | 0 | -90 | 15.00 | Los Pinos | |
| | | CDH-044 | 292761 | 2824372 | 1489 | 200 | -62 | 130.50 | Constanc | |
| | | CDH-045 | 292761 | 2824372 | 1489 | 240 | -62 | 130.50 | Constanc | |
| | | CDH-046 | 292778 | 2824259 | 1497 | 240 | -70 | 133.00 | Constanc | |
| | | CDH-047 | 290887 | 2822835 | 1285 | 265 | -65 | 234.00 | San Man | |
| | | CDH-048 | 290902 | 2822734 | 1335 | 265 | -65 | 249.00 | San Man | |
| | | CDH-049 | 289325 | 2823822 | 1269 | 185 | -70 | 282.00 | Refugio | |
| | | CDH-050 | 289325 | 2823822 | 1269 | 206 | -67 | 288.00 | Refugio | |
| | | CDH-051 | 289370 | 2823795 | 1225 | 190 | -47 | 201.00 | Refugio | |
| | | CDH-052 | 289370 | 2823795 | 1225 | 190 | -60 | 231.00 | Refugio | |
| | | CDH-053 | 289385 | 2823885 | 1200 | 190 | -47 | 211.00 | Refugio | |
| | | CDH-054 | 289536 | 2824255 | 1155 | 200 | -70 | 321.00 | Soledad | |
| | | CDH-055 | 289738 | 2824140 | 1074 | 190 | -60 | 174.00 | Soledad | |
| | | CDH-056 | 290903 | 2824030 | 1182 | 295 | -45 | 102.00 | Los Reye | |
| | | CDH-057 | 290841 | 2823795 | 1143 | 217 | -50 | 201.00 | Los Reye | |
| | | CDH-058 | 290841 | 2823795 | 1143 | 240 | -55 | 222.00 | Los Reye | |
| | | CDH-059 | 290867 | 2823750 | 1142 | 230 | -50 | 180.00 | Los Reye | |
| | | CDH-060 | 290765 | 2823810 | 1110 | 230 | -50 | 183.00 | Los Reye | |
| | | CDH-061 | 289280 | 2823900 | 1285 | 177 | -64 | 351.00 | Refugio | |
| | | CDH-062 | 289280 | 2823900 | 1285 | 162 | -62 | 345.00 | Refugio | |
| | | CDH-063 | 289280 | 2823900 | 1285 | 195 | -70 | 351.00 | Refugio | |
| | | CDH-064 | 289190 | 2823820 | 1190 | 190 | -67 | 240.00 | Refugio | |
| | | CDH-065 | 289077 | 2823776 | 1150 | 190 | -55 | 246.00 | Refugio | |
| | | CDH-066 | 289077 | 2823776 | 1150 | 190 | -75 | 253.00 | Refugio | |
| | | CDH-067 | 289077 | 2823776 | 1150 | 0 | -90 | 198.00 | Refugio | |
| | | CDH-068 | 289021 | 2823837 | 1115 | 190 | -55 | 213.00 | Refugio | |
| | | CDH-069 | 289325 | 2823822 | 1269 | 0 | -90 | 345.00 | Refugio | |



| Criteria | JORC Code explanation | Commentary | | | | | | | | | |
|--|---|-----------------------------|---------------------------------------|---|---|------------------------------|-------------------|---------|---------------------|-------------------|--------|
| Data aggregati on methods | In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and gut off | Auf app] • Len CDI | EQ_70 lied to a gth we H-002 | are report using a 7 reporting ighted av is shown. com repor | 0:1 Silver intercept eraging is The line | r to gold s. s used to | price 1 report | atio. | No uppe cepts. T | er cut- he exa | off is |
| | high grades) and cut-off grades are usually | Au raw | Ag raw | Length (m) | Au *length | Ag *length | | | | | |
| | Material and should be | 7.51 | 678 | 0.5 | 3.755 | 339 | | | | | |
| | stated. | 11.85 | 425 | 0.55 | 6.5175 | 233.75 | | | | | |
| | Where aggregate | 0 | 0 | 0 | 0 | 0 | | | | | |
| | intercepts incorporate | 0.306 | 16 | 1 | 0.306 | 16 | | | | | |
| | short lengths of high | 0.364 | 31.7 | 1 | 0.364 | 31.7 | | | | | |
| | grade results and longer | 3.15 | 241 | 0.5 | 1.575 | 120.5 | } | | | | |
| | lengths of low grade | 10.7 | 709 | 0.5 | 5.35 | 354.5 | } | | | | |
| | results, the procedure | 15.6 | 773 | 0.5 | 7.8 | 386.5 | | | | Au | |
| | used for such aggregation | | | | | | From | То | Length | gpt | Ag gpt |
| | should be stated and some typical examples of such | | | 4.55 | 25.6675 | 1481.95 | 91.95 | 96.5 | 4.55 | 5.64 | 325.70 |
| | aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. | | o. This | valent gra ratio is ba as of 18 N | ased on th | he gold a | and silv | ver pri | ces repo | orted of | n |
| Relationsh ip between mineralisa tion 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 | data | | intercept: additional ed. | | | | | | | |



| Criteria | JORC Code explanation | Commentary |
|--|---|--|
| 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. | |
| 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 exploration results are reported. |
| Other substantiv e exploratio n 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 | • No additional exploration data are substantive at this time. |



| Criteria | JORC Code explanation | Commentary |
|-----------------|---|---|
| | contaminating substances. | |
| 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. | Observations from 3 new holes drilled at the El Refugio target reported on in this release CDH-061 to CDH-063. |

