

VISIBLE GOLD IDENTIFIED IN UGA-41

Highlights

- Visible Gold has been identified at 130.8m (downhole) in UGA-41 during sampling (Figure 1)
- UGA-41 was completed to a depth of 144.8m and is positioned below recently drilled UGA-30, which intersected a thick mineralized zone of 173.2m @ 3.27 g/t Au and 11.8 g/t Ag from 0m (0.25g/t Au cut-off, downhole thickness, refer to MTC announcement dated 3 May 2022) including:
 - 103m @ 5.06 g/t Au and 13.4 g/t Ag from 57m (1g/t Au cut-off, downhole thickness); including:
 - 8m @7.16g/t Au and 11.3 g/t Ag from 84m (3g/t Au cut-off, downhole thickness); and
 - 19m @ 11.35 g/t Au and 23.9 g/t Ag from 119m (3g/t Au cut-off, downhole thickness); including:
 - 1m @ 67.90 g/t Au and 94.5 g/t Ag from 127m (downhole thickness);
 - 7m @ 23.30 g/t Au and 24.0 g/t Ag from 153m (3g/t Au cut-off, downhole thickness); including:
 - 1m @ 139 g/t Au and 24.0 g/t Ag from 154m (downhole thickness);

<u>Cautionary Note:</u> This intersection is not a true thickness as the drill hole was drilled at an acute angle to the mineralised zone due to the location of the underground drill site relative to the target zone. As this is an infill drill hole, resource modelling suggests the true thickness of mineralisation in this area is between 50-90m wide.



Figure 1: On this cut surface the Visible Gold is preserved as upto ~0.2mm sized grains within a ~5cm wide, grey-white, drusy quartz veinlet filled by fine-grained disseminated to semi-massive pyrite/marcasite crystals at 130.4m in UGA-41. Field of view of the right two magnified inset images is ~10mm across (x20) and the field of view of left magnified inset image is ~4mm across (x40).



MetalsTech Limited (ASX: MTC) (MTC or the Company) is pleased to provide stakeholders with an update on its Phase II diamond drilling program from Drill Chamber III at the Company's 100%-owned Sturec Gold Mine, located in Slovakia (Sturec). During sampling, visible gold at 130.8m was identified within 5cm quartz-pyrite/marcasite filled vein, hosted within a 143.5m wide zone of variably argillic altered, veined and brecciated andesite in the drill core from hole UGA-41.

The visible gold at 130.8m is present as up to ~0.2mm sized grains within a 5cm wide vein containing drusy, fine grained, white to grey chalcedonic quartz-pyrite (Figure 1).

Note: With respect to any visible gold observed in UGA-41, it must be cautioned that visual observations and estimates are uncertain in nature and should not be taken as a substitute for appropriate laboratory analysis. Laboratory assay results will be reported when they are received and interpreted.

The drill hole collar details for UGA-41 is set out in Table 1 below.

Drill hole name	Easting (m)	Northing (m)	RL (m)	Datum	Azimuth (°TN)	Dip (°)	EOH Depth (m)
UGA-41	-435,851	-1,230,123	656	S-JTSK/ Krovak	017	-60	144.8

Table 1: Drill Collar details

UGA-41

UGA-41 was planned to test the depth of the mineralised zone below the existing Sturec Mineral Resource respectively (refer to MTC announcement dated 21 June 2021) but was stopped due to drilling issues associated with a historic mining void encountered at 143.5m to the end of hole depth of 144.8m. UGA-41 was positioned below recently drilled UGA-30.

UGA-41 intersected approximately 143.5m (*not true thickness) of variably argillic altered and brecciated andesite host rock containing varying amounts of quartz filled vein / stockwork / breccia, variably rich in fine to very fine grained sulphides (mainly pyrite/marcasite) from approximately 0m to 143.5m down hole.

The Company looks forward to providing an update on UGA-41 in the next few weeks as the core is currently being sampled and will be dispatched to the lab as soon as possible.

Note: The 143.5m thick zone of variably argillic altered and brecciated andesite host rock containing varying amounts of quartz filled vein / stockwork / breccia, variably rich in fine to very fine grained sulphides (mainly pyrite) observed in UGA-41 is a geological observation of non-economic minerals that are possibly associated with gold. However, this is not a visual estimate as there is no way to visually estimate the gold content of this potentially mineralised zone. Laboratory assay results will be reported when they are received and interpreted. Also, this drill hole was drilled down the dip of the mineralised zone in order to try to target areas below the current Mineral Resource Estimate. Therefore, the 143.5m intersection is not a true thickness. The true thickness of the mineralisation is approximately 90m at the top of the drill hole and 30m at the bottom of the drill hole.



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Caution Regarding Forward-Looking Information

This document contains forward-looking statements concerning MetalsTech. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on the company's beliefs, opinions and estimates of MetalsTech as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

Competent Person Statement

The information in this announcement that relates to Exploration Results is based on information compiled by Dr Quinton Hills Ph.D., M.Sc., B.Sc. Dr Hills is the technical advisor of MetalsTech Limited and is a member of the Australasian Institute of Mining and Metallurgy (No. 991225). Dr Hills has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Hills consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to Mineral Resources for the Sturec Gold Deposit is based on information compiled by Mr Chris Grove, who is a Member of The Australasian Institute of Mining and Metallurgy (No. 310106). Mr Grove is a full-time employee of Measured Group Pty Ltd and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Grove consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



Background: Sturec Gold Mine

The Sturec Gold Mine is located in central Slovakia between the town of Kremnica and the village of Lučky, 17km west of central Slovakia's largest city, Banská Bystrica, and 150km northeast of the capital, Bratislava.

Sturec is a low sulphidation epithermal system and contains a total Mineral Resource of 38.5Mt @ 1.23 g/t Au and 8.8 g/t Ag (1.30g/t AuEq¹), containing 1.522Moz of gold and 10.93Moz of silver (1.611Moz of gold equivalent) using a 0.26g/t Au cut-off within an optimised open pit shell; as well as 148kt @ 3.55 g/t Au and 12.6 g/t Ag (3.64g/t AuEq¹), containing 17koz of gold and 60koz of silver (18koz of gold equivalent) outside the optimised open pit shell on an underground mining basis; reported in accordance with JORC (2012).

Mineral Resource Estimate - Sturec Gold Project

	Updated	d Stured	Miner	al Reso	urce Est	imate	
	Resource Estim						
Resource Category	Tonnes (kt)	Au (g/t)	Ag (g/t)	AuEq (g/t) ¹	Au (koz)	Ag (koz)	AuEq (koz)
Measured	15,340	1.43	12.04	1.53	704	5,940	752
Indicated	18,438	1.20	6.74	1.25	709	3,995	742
Measured + Indicated	33,778	1.30	9.15	1.38	1413	9,935	1494
Inferred	4,717	0.72	6.56	0.77	109	995	117
TOTAL	38,495	1.23	8.83	1.30	1,522	10,930	1,611
	Resource Esti	mate above	2 g/t Au cut-o	off: outside o	ptimised ope	n pit shell	
Resource Category	Tonnes (kt)	Au (g/t)	Ag (g/t)	AuEq (g/t)¹	Au (koz)	Ag (koz)	AuEq (koz)
Measured	30	2.90	21.18	3.08	3	21	3
Indicated	114	3.75	10.5	3.81	14	38	14
Measured + Indicated	144	3.57	12.74	3.66	17	59	17
Inferred	4	2.73	8.0	2.80	0	1	1

AuEq g/t = ((Au g/t grade*Met. Rec.*Au price/g) + (Ag g/t grade*Met. Rec.*Ag price/g)) / (Met. Rec.*Au price/g)

Long term Forecast Gold and Silver Price (source: Bank of America): \$1,785 USD/oz and \$27 USD/oz respectively.

Gold And silver recovery from the 2014 Thiosulphate Metallurgical test work: 90.5% and 48.9% respectively.

It is the Company's opinion that both gold and silver have a reasonable potential to be recovered and sold from the Sturec ore using Thiosulphate Leaching/Electrowinning as per the recoveries indicated.

APPENDIX A: JORC CODE, 2012 EDITION - TABLE 1

Section 1 - Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code Explanation	Details
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	 by an experienced geologist are 111 half drift core, or quarter core for duplicates (routine 72 core sample sawn into two ¼ core samples). Entire sample sent to ALS laboratory in Romania for preparation and fire assay analysis, while the four-acid digest with ICPAES is completed at the ALS laboratory in Ireland. 90% of sample to be crushed to <2mm. Sample is then dried and riffle split to produce a 1kg split. 1kg split then pulverised to 85% passing <75µm to produce a 50g charge for fire assay for gold analysis and a 0.25g sample for four acid digestion (near-total) with an ICPAES (inductively coupled plasma atomic emission spectroscopy) finish for 33 elements including Ag, Cu, Co, Pb, Zn, etc. If coarse-grained gold (Visible Gold or VG) is encountered then Au is also analysed by screen fire assay. The remaining sample from the 90% of the original routine sample that was crushed to <2mm and dried is then riffle split again to produce another 1kg split. This 1kg split is then dry screened to a nominal 106 micron. Duplicate 50g fire assays with AAS finish
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	the Andrei Adit.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	In detail, the length of each 'run' of core recovered (between 0-6m) is measured and its length compared to the length the drillers measured from the drill rod advance. The core recovery for all drill holes so far is excellent, greater than 90%

Criteria	JORC Code Explanation	Details				
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.	 The core was geologically and geotechnically logged to a level to support appropriate Miner Resource estimation, mining studies and metallurgical studies. Core is logged bot qualitatively and quantitatively. 				
	 studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. 	 All logging data is digitally captured via excel spreadsheets, which are then validated whe they are imported into a resource modelling software package. 				
	• The total length and percentage of the relevant intersections	Core photography is completed for all drill holes.				
	logged.	The entire length of drill core is logged.				
Sub-sampling techniques and	If core, whether cut or sawn and whether quarter, half or all core taken. If any any whether difficult takes are all the control of the	 Routine samples over prospective mineralised intervals from diamond drill core as determine by an experienced geologist are sawn into 1m half drill core; or quarter core for duplicates 				
sample	• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Same side of drill core sampled to ensure no selective sampling bias.				
preparation	• For all sample types, the nature, quality and appropriateness of the sample preparation technique.	 The other half of the core is retained for geological reference and potential further sampling such as metallurgical test work. 				
	• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	 Entire sample sent to ALS laboratory in Romania for preparation and fire assay analysis, whi the four-acid digest with ICPAES is completed at the ALS laboratory in Ireland. 				
	 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 	 90% of sample crushed to <2mm. Sample then dried and riffle split. 1kg split then pulverise to 85% passing <75μm to produce a 50g charge for fire assay for gold analysis and a 0.25 sample for four acid digestion (near-total) with an ICPAES (inductively coupled plasma atom emission spectroscopy) finish for 33 elements including Ag, As, Cu, Co, Pb, Zn, etc. 				
	material being sampled.	The remainder of the material is retained as a coarse split for metallurgical test work.				
		Remaining pulps are retained for analyses such as second laboratory check assays.				
		 Duplicate samples (routine 1m ½ core sample sawn in half to produce two ¼ core sample taken every 30 samples or at least one per hole if less than 30 samples taken. 				
		 A Certified Reference Material (CRM or 'Standard') is inserted into the routine samp sequence approximately every 30 samples or at least one per hole if less than 30 sample taken. 				
		 A blank (material with no concentrations of economic elements under consideration) inserted into the routine sample sequence approximately every 30 samples or at least of per hole if less than 30 samples taken. 				
		 Sample prep techniques utilised are industry standard for Carpathian epithermal-style go mineralisation and are considered appropriate. 				
		Samples sizes are considered appropriate for the grain-size of the material being sampled				
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.	 Analysis completed by using 50g charge for fire assay for gold analysis and a 0.25g samp for four acid digestion (near-total) with an ICPAES (inductively coupled plasma atom emission spectroscopy) finish for 33 elements including Ag, Cu, Co, Pb, Zn, etc. 				
·	 For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	fir coarse-grained gold (visible gold) is encountered then Au Will also be analysed by fire assay. The remaining sample from the 90% of the original routine sample the crushed to <2mm and dried is then riffle split again to produce another 1kg split. The split is then dry screened to a nominal 106 micron. Duplicate 50g fire assays with AA are then performed on the undersize, and fire assay with gravimetric finish is done entire oversize fraction. Then the total gold content is calculated and reported use				

Criteria	JORC Code Explanation	Details
		 Analysis techniques utilised are commonly used for Carpathian epithermal-style gold mineralisation and are considered appropriate.
		 Laboratory Routine QC protocol for Au-AA26: 1 lab Blank, 2 lab CRM, 3 client duplicates,1 PREP Duplicate per batch (up to 77 samples). Laboratory Routine QC protocol for ME- ICP61: 1 lab Blank, 2 lab CRM, 2 client duplicates,1 PREP Duplicate per batch (up to 77 samples).
		 Internal laboratory checks, as well as internal and external check assays such as repeats and check assays enable assessment of precision. Contamination between samples is checked fo by the use of blank samples (laboratory and company inserted). Assessment of accuracy wi be carried out by the analysis of the assay results of the CRMs.
		 QAQC results are reviewed on a batch-by-batch basis. Any deviations from acceptable precision or indications of bias are acted upon prior to announcing any results with repea and check assays.
Verification of sampling	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. 	 On receipt of assay results from the laboratory, the results are verified by the Exploration Manager and by responsible geologists who compare the results with the geological logging and remaining drill core (or core photography if site access is not possible).
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	No twins have been completed yet.
	Discuss any adjustment to assay data.	 All primary data (logging, sample intervals and assay results) is digitally captured via exce spreadsheets, which are then validated when they are imported into a resource modelling software package.
		 Data is stored in secure company owned Dropbox that has a 180 day file recovery and version history function.
		There has been no adjustment to assay data.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations	 Locations of diamond drill hole collars, channel samples and mine workings are recorded using the Slovak National Datum: S-JTSK/Krovak Datum.
	used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control.	 As the location of the current drill hole is within the Andrej Adit, which has been surveyed, its location is very accurately known.
	quanty and datequaty by topograpme control	 High-resolution topography over the project was acquired using LiDAR.
Data spacing	Data spacing for reporting of Exploration Results.	Data spacing is highly variable across the prospect.
and distribution	 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. 	 UGA-41 was positioned as an infill drill hole below UGA-30 both of which were drilled from Drill Chamber III. UGA-30 intersected a thick mineralized zone of mineralized zone of 173.2m 3.27g/t Au and 11.8g/t Ag from 0m (0.25g/t Au cut-off, downhole thickness, refer to MTC announcement dated 3 May 2022) including:
	whether sumple compositing has been applied.	 103m @ 5.06g/t Au and 13.4g/t Ag from 57m (1g/t Au cut-off, downhole thickness); including:
		 8m @7.16g/t Au and 11.3g/t Ag from 84m (3g/t Au cut-off, downhole thickness); and
		 19m @ 11.35g/t Au and 23.9g/t Ag from 119m (3g/t Au cut-off, downhole thickness); including:
		 1m @ 67.90g/t Au and 94.5g/t Ag from 127m (no Au cut-off, downhole thickness);
		 7m @ 23.30g/t Au and 24.0g/t Ag from 153m (3g/t Au cut-off, downhole thickness); including:

С	riteria	JORC Code Explanation	Details
			1m @ 139g/t Au and 24.0g/t Ag from 154m (no Au cut-off, downhole thickness);
			 The area currently being drilled has been included in the Updated 2021 Sturec Minera Resource Estimate constrained within an optimised pit (refer to MTC announcement dated 21 June 2021) and therefore, the data spacing and distribution is interpreted to be sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource and Ore Reserve estimation.
			No samples have been composited.
d	rientation of ata in relation o geological	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	currently, the drill holes fan out and are therefore drilled at various acute angles to the strike of the exploration target and the adjoining mineral resource.
st	tructure	 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. 	Inis drill note was drilled down the dip of the mineralised zone in order to try to target areas helpy the current Mineral Resource Estimate. Therefore, the 1/3 5m intersection of variably
S	ample security	The measures taken to ensure sample security.	Samples were securely stored in company facilities prior to being completely sealed and couriered to the ALS laboratory in Romania.
	udits or eviews	The results of any audits or reviews of sampling techniques and data.	Due to the early stage of the drill program, no audits/reviews of the sampling techniques and assay data has been completed at this stage.

Section 2 - Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

' [Criteria	JORC Code Explanation	Det	ails					
1	Mineral	• Type, reference name/number,	•	Sturec Gold Project consists	of the Kremnica Mining Area (9.47 km²) owned by Slovakian limited liability company				
	tenement and	location and ownership including			ly-owned subsidiary of Ortac UK (a private limited company registered in England and				
	land tenure	agreements or material issues with		Wales).	, , , , , , , , , , , , , , , , , , , ,				
	status	third parties such as joint ventures, partnerships, overriding royalties,	•	Kremnica Mining Licence details:					
		native title interests, historical sites,		Name:	Mining Area Kremnica, Au-Ag				
		wilderness or national park and environmental settings.	Ī	Mining area No:	MHD-D.P 12				
		3		Date of Issuance:	21 January 1961				
		The security of the tenure held at the		Amendments:	No. 14-2754/2016				
		time of reporting along with any known impediments to obtaining a		Date of Issuance:	14 September 2016				
		licence to operate in the area.		Metals	Gold and Silver				
)		ncence to operate in the area.		Duration:	Indefinite				

JORC Code Explanation	Details	
	an	
	ORTAC, s.r.o. Mining Licence	
	Holder of the ML:	Ortac, s.r.o.
	Name:	Ortac, s.r.o., company ld. No. 36 861 537
	Mining License No:	Decision on approval of Mining License transfer to Ortac s.r.o. No: 1037-1539/2009
	Date of Issuance:	27. May 2009 , valid from 6. June 2009
	Note:	Transfer from Kremnica Gold Mining s.r.o. (former) to Ortac, s.r.o.
	Subject:	 Opening, preparation and exploitation of exclusive mineral resource Installation, conservation and decommissioning of mining work Processing and refinement of mineral resources Installation and operation of unloading areas and dumps Opening the mining works to the public for museum purposes and related safety maintenance works
	- Described	Blasting
	Duration:	Indefinite
	that exceeds 1.5milli Terms Sheet but befounces. In 2013, Arc Mineral application, which was June 2014 and a 40t In 2016, the Regiona	elineated at the project above an open cut JORC (2012) Indicated and Measured Rescon ounces at a grade greater than 2.5g/t AuEq after 2 years from the date of execution ore the date that is 5 years after the date of execution of the Terms Sheet capped at 7 rescaled or the Sheet
	 In May 2017, the Cer 	I to Arc Minerals Limited in 2014 and revoked the decision to issue the mining permit. ntral Mining Bureau issued Ortac SK with an amended underground mining permit that all g activities to recommence.
	 In July 2017, Ortac fulfilling the condition Mining Licence Area metallurgical test wo Since 2017 (before steel) 	SK (Arc Minerals Limited) re-commenced the trial underground mining activities at St required by Slovak regulations to preserve its right to exploit the ore deposit in the Krer for a minimum period of at least three years. 500t of ore was extracted and use wrk relating to alternative processing technologies to the conventional cyanide leaching. selling the project to MetalsTech), Arc Minerals Limited has continued working with the
		eholders to facilitate the development of the project.

JORC Code Explanation	Details
	 In February 2020, the appeals against Decision No. 827-2373 / 2019 were rejected by the State Mining Administration and the underground mining authorisation was upheld.
	 In April 2020, MetalsTech Limited re-commenced the underground mining activities at Sturec, in order to fulfill the condition required by Slovak regulations to preserve its right to exploit the ore deposit in the Kremnica Mining Licence Area for a minimum period of at least three years.
	• Although Ortac s.r.o. is officially registered as the holder of the Kremnica Mining Area, the validity of the allocation of the Kremnica Mining Area has been repeatedly disputed. Arguments challenging the validity of the allocation of the Kremnica Mining Area have been raised by third parties in licensing proceedings in respect of particular mining activities within the Kremnica Mining Area. So far, the merits of such arguments have not been assessed by the court, as the respective court decisions were issued on procedural grounds in the past. Despite the existence of reasonable legal arguments defending the validity of the allocation of the Kremnica Mining Territory, it cannot be ruled out that the challenges to its validity will eventually prevail before the court. Even if the validity of the allocation of the Kremnica Mining Area is successfully defended in principle, there is a risk that Ortac SK's entitlement to the Kremnica Mining Area could be held to be limited to underground operations only.
	 There are no environmental protected areas in the vicinity of the project resource area, except a protected lime tree situated close to the Leopold Shaft, adjacent to the monument commemorating the visit by Emperor Joseph II to Kremnica. Permission can be obtained to fell the tree if necessary, from the Provincial Environmental Office in Banska Bystrica.
	• It appears that a significant part of the Kremnica Mining Area is covered by a heritage conservation area. This is not surprising given the extensive mining history throughout this area. The previous owners Arc Minerals Ltd used this fact to their advantage by establishing the Andrej Kremnica Mining Museum, whose two main attractions are the Ludavika Shaft Building and the Andrej Adit, which was established in 1982 by the State to access the main quartz vein mineralisation. As a result, various requirements under the applicable regulations in the area of heritage protection must be complied with. Further investigation needs to be completed to understand the effect this Heritage Protection will have on any proposed mining activities.
	• There is one registered environmental burden located in the Kremnica Mining Area with registration number SK/EZ/ZH/2129. This environmental burden relates to the processing facilities including the historic waste dumps that are situated immediately next to the Arc Minerals operation office/Andrej Kremnica Mining Museum. It is categorized "only" as a potential (probable) environmental burden as no significant contamination/acid rock drainage (ARD) effects have been reported concerning these historic mining remnants.
	 There is risk concerning the further development of the Sturec Gold Project due to the historic social and environmental opposition to the development of a mining operation in this area. The opposition is believed to be the result of two main factors: previous development plans utilised cyanide ore processing; and previous development plans involved digging a large open pit in relatively proximity to the township of Kremnica.
	 To minimise the first risk, MetalsTech is investigating alternative gold processing methods.
	o To minimise the second risk, MetalsTech intends to put in place a comprehensive project stakeholder engagement programme to attempt to understand and mitigate their concerns about the development of a mining operation on the Sturec Gold Project. Also, the full suite of benefits to the country and local communities that will arise from the Sturec Gold Project (such as job creation, training, capital investment, revenue generation, procurement of goods and services locally, and community development initiatives) need to be properly communicated to project stakeholders, so that that they can use this to motivate/ justify the project in project-approval processes.

Criteria	JORC Code Explanation	Details
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Many exploration companies have previously explored the Sturec Gold Project and the surrounding areas. The details of the exploration history are outlined below:
		 The Slovak Geological Survey carried out extensive exploration in the Sturec area from 1981 to 1987 including extensive adit and cross-cut development within the Sturec zone.
		Rudne Bane operated the open-pit mine at Sturec from 1987 to 1992 and produced 50,028t of ore averaging 1.54g/t Au. During this time, Rudne Bane conducted underground sampling of the larger mineralised portions of the Sturec deposit (40 channels for 3,149 individual samples) and 12 underground fan drill holes (for 425.3m) into the northern-most known limits of the deposit. A total of 266 sample intervals were assayed for gold and silver.
		Kremnica Banská Spolocnost (KBS), an investment company composed of former mine managers, obtained the title to the Kremnica Mining Lease (MHD-D.P. 12) from the Slovak government on 1 April 1995. In 1995, Argosy Mining Corporation (Argosy) of Vancouver formed a 100% owned Slovak Subsidiary, Argosy Slovakia s.r.o., which entered into a joint venture with KBS on 6 October 1995. Argosy Slovakia purchased KBS's share of the joint venture on 24 April 1997 to control 100% of the mining licence through its subsidiary, Kremnica Gold a.s. Argosy completed a core drilling programme in 1996 and a combined core and reverse-circulation (RC) drilling programme in 1997. This core/RC program totalled 79 holes for 12,306m; 9,382.4m of which was into the Sturec Deposit area.
		In July 2003, Tournigan Gold Corporation (Tournigan) acquired the rights to the Sturec Project by purchasing Kremnica Gold a.s. from Argosy. Tournigan then completed 104 diamond core and RC drill holes fo ~14,000m over the period 2004 to 2008. The majority of these holes were into the Sturec Deposit, bu adjacent areas were also explored. In the summer and autumn of 2005, Tournigan executed a 36-hole program of RC drilling as infill of Argosy's and Tournigan's earlier core drilling programs into the Sturec Deposit. Tournigan also drilled five additional holes as twins of Argosy's previous core holes. This drilling resulted in the deposit being drilled off on approximate 50-metre centres (earlier drilling had been on approximately 100 x 50 metre centres). The RC program results confirmed the geology and ore outlines that were previously established by core drilling (e.g., rock types and alteration, location of zones of oxidation location of ore-bearing veins and stockworks, hanging walls, footwalls, thicknesses, strikes, dips, and grades). The holes and assay results were displayed on cross-sections and recorded on logs. Samples were collected at 1-meter intervals under the immediate supervision of a geologist, sealed in plastic bags, and submitted for analysis and check analyses according to the required formal protocols. The holes were logged on site by the drill geologists and again in the laboratory where qualitative samples were taken and inventoried as geological reference samples. The bulk rejects from these RC samples are stored at the operational offices at the Andrej Mining Museum. Tournigan also completed nine bench channel surveys incorporating a total of 317 sample intervals. In 2004, Tournigan also conducted an 11-hole diamond drilling programme north of Sturec at the Wolf prospect.
		 Ortac Resources (now Arc Mineral Limited) acquired the project in 2009. Since 2009 till MetalsTech acquired the project from them in February 2020, Ortac drilled 13 core holes for 2,771.7m within the Sturec Deposit area. They also completed 4 drill core holes at the Vratislav Prospect, immediately to the north of the Sturec Mineral Resource area and 3 drill core holes at the Wolf Prospect, immediately north of the Vratislav Prospect.
Geology	Deposit type, geological setting and style of mineralisation.	• The Sturec Gold Project is located in the Central Slovakia Volcanic Area in the Kremnica Mountains of the Western Carpathians. The Central Slovakia Volcanic Field hosts several Ag-Au epithermal vein-type deposits including Banská Štiavnica, Kremnica, Hodruša-Hámre, and Nová Bana, which were important sources of precious and base metals in the past. The area is characterised by Tertiary pyroxene-amphibole andesite flows and tuffs of the Zlata Studna Formation. The andesites are underlain by Mesozoic limestone. Deep-seated structures and faults within

Criteria	JORC Code Explanation	Details							
		of gab minera area, which minor either The Si interpi tempe contain mediu alterat and ar	brodiorite, di alising events the structure is interprete quartz-diorit side. turec Gold P reted to have ratures mos ning adularia m temperat ion from the	iorite, con to so	diorite porph h were then htrolled by a e the result ohyry at dep mineralisati ed from low tween ~270 cite, illite an outwards co les include la	ayry, and minoverprinted a 6-7km lon of the sub-vith causing the c	nor quartz-di by the epithe g, N-S trend rolcanic intrus- this zone to ied as a low- ds composed . The mine ny that cut t andesites of licification an to massive of	orite porphy ermal preciousling horst, kesions of gabe be uplifted resulphidation of a mixturalisation is hrough Neoof the Kremad potassic-residence of the second second for the second for the second potassic-residence of the second for the secon	in style, focussed sub-volcanic intrusicity at depth and associated mesothers us metal mineralisation. In the Kremmown as the Kremnica Horst Structubrodiorite, diorite, diorite porphyry, arelative to the two graben structures in epithermal Ag-Au deposit type and re of meteoric and magmatic waters hosted by quartz-dolomite veins agene propyllitised (low pressure/low inica stratovolcano. The hydrothermetasomatism (adularia), propylitizat smaller quartz veins and sheeted veins and sheeted veins.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a	• Dril	l collar detail	s:					
	tabulation of the following information for all Material drill holes:	Drill ho name		Easting No (m)		RL (m) Datu		Azir ı th (°Tl	Dip Depth
	 easting and northing of the drill hole collar 	UGA-41	-435,85	1 -	-1,230,123	656	S-JTSK, Krovak	/ 01	
	 elevation or RL (Reduced Level elevation above sea level in metres) of the drill hole collar 	• Sun	nmary table	of sign	ificant drill h	ole intersec	tions so far:		
	 dip and azimuth of the hole down hole length and interception depth hole length. 	Hole	Width (m) (Down hole depth)		Au g/t	Ag g/t	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off
	 If the exclusion of this information is justified on the basis that the information is not Material and this 		173.20	@	3.27	11.8	0.00	173.20	0.25g/t Au cut-off and max. 4m continuous internal dilution
	exclusion does not detract from the				i	including		_	
	understanding of the report, the Competent Person should clearly explain why this is the case.		103.00	@	5.06	13.4	57.00	160.00	0.5g/t Au cut-off and max. 4m continuous internal dilution
		UGA-30				including	Т	1	
			8.00	@	7.16	11.3	84.00	92.00	3g/t Au cut-off and 2m internal dilution
						and			

19.00

@

11.35

23.9

119.00

138.00

3g/t Au cut-off and max. 4m continuous

internal dilution

Criteria	JORC Code Explanation	Details							-
					i	ncluding			
			2.00	@	42.50	53.3	119.00	121.00	no cut-off or dilution
						and			
			1.00	@	67.90	94.5	127.00	128.00	no cut-off or dilution
				1		_	1	,	
			7.00	@	23.30	24.0	153.00	160.00	3g/t Au cut-off and 4m continuous interna dilution
					i	ncluding			
			1.00	@	139.00	87.3	154.00	155.00	no cut-off or dilution
				1			•		
			59.00	@	1.04	9.1	0.00	59.00	0.25g/t Au cut-off and max. 7m continuous internal dilution
					i	ncluding			
			27.00	@	1.20	12.2	0.00	27.00	0.5g/t Au cut-off and max. 3m continuous internal dilution
		UGA-29	including						
			15.00	@	1.66	15.8	12.00	27.00	1g/t Au cut-off and max. 3m continuous internal dilution
			including						
			5.00	@	3.34	15.9	46.00	51.00	1g/t Au cut-off and 3m internal dilution
			97.00	@	0.51	2.5	40.00	137.00	0.25g/t Au cut-off and max. 7m continuou internal dilution
				ı	i	ncluding	1	1	
			10.00	@	1.55	3.8	87.00	97.00	0.5g/t Au cut-off and no internal dilution
		UGA-28	including						
			3.00	@	2.97	2.2	94.00	97.00	1g/t Au cut-off and 1m internal dilution
			6.00	@	1.06	4.4	102.00	108.00	0.5g/t Au cut-off and no internal dilution

Criteria	JORC Code Explanation	Details		,		_			
			6.00	@	0.94	3.4	131.00	137.00	0.5g/t Au cut-off and 3m internal dilution
			5.00	@	0.84	2.9	41.00	46.00	0.25g/t Au cut-off and no internal dilution
			2.00	@	1.51	5.7	78.00	80.00	0.5g/t Au cut-off and no internal dilution
							1	1	
			47.00	@	0.61	1.5	104.00	151.00	0.25g/t Au cut-off and max. 5m continuou internal dilution
					i	including		1	
		UGA-27	5.00	@	1.26	2.4	104.00	109.00	0.5g/t Au cut-off and 3m internal dilution
							T	T	
			12.00	@	1.22	2.0	139.00	151.00	0.3g/t Au cut-off and 2m internal dilution
					i	including			
			6.00	@	2.09	3.0	143.00	149.00	0.5g/t Au cut-off and 2m internal dilution
					i	including	_		
			2.00	@	5.14	4.6	143.00	145.00	1g/t Au cut-off and no internal dilution
			ı	1			ī	ī	T
			2.00	@	2.27	13.0	22.00	24.00	0.25g/t Au cut-off and no internal dilutio
					i	including	_	1	
			5.00	@	0.55	1.7	34.00	39.00	0.25g/t Au cut-off and 1m internal dilutio
		UGA-26			i	including		_	
			32.00	@	0.91	16.3	56.00	88.00	0.25g/t Au cut-off and max. 5m continuou internal dilution
					i	including	_		
			10.00	@	1.50	22.5	69.00	79.00	0.75g/t Au cut-off and 3m internal dilutio
								1	
		UGA-25	6.00	@	0.68	6.8	42.00	48.00	0.25g/t Au cut-off and 3m internal dilution

Criteria	JORC Code Explanation	Details	l						1
			53.00	@	0.86	10.0	95.00	148.00	0.25g/t Au cut-off and max. 3m continuou internal dilution
					i	including	•	•	
			23.00	@	1.46	15.1	104.00	127.00	0.5g/t Au cut-off and 2m continuous internal dilution
						including			
			7.00	@	2.75	23.3	120.00	127.00	1g/t Au cut-off and no internal dilution
						including	_		
			4.00	@	3.86	31.1	121.00	125.00	2g/t Au cut-off and no internal dilution
						_	•	1	_
			15.00	@	1.30	6.8	27.00	42.00	0.25g/t Au cut-off and max. 1m continuou internal dilution
					i	including	_		
			11.00	@	1.67	8.5	30.00	41.00	0.5g/t Au cut-off and max. 2m continuou internal dilution
						including	_	_	
			2.00	@	5.53	17.5	35.00	37.00	1g/t Au cut-off and no internal dilution
		UGA-24				1	<u> </u>	1	0.05 // 4
			52.00	@	0.65	7.0	97.00	149.00	0.25g/t Au cut-off and max. 3m continuou internal dilution
						and			
			17.00	@	1.19	11.7	107.00	124.00	0.5g/t Au cut-off and max. 3m continuous internal dilution
						and			
			3.00	@	3.13	16.9	109.00	112.00	1g/t Au cut-off and no internal dilution
						_	•	1	_
			5.00	@	0.56	2.7	47.00	52.00	0.25g/t Au cut-off and no internal dilution
		UGA-23		· ·		including	•	1	
			3.00	@	0.72	2.7	49.00	52.00	0.5g/t Au cut-off and no internal dilution

Criteria	JORC Code Explanation	0.25 g/t Au cut-off and may 5m continuous									
			53.00	@	0.77	5.9	65.00	118.00	0.25g/t Au cut-off and max. 5m continuou internal dilution		
					i	including					
			2.00	@	2.71	28.0	79.00	81.00	1g/t Au cut-off and no internal dilution		
						and	_	,			
			3.00	@	1.19	2.9	88.00	91.00	0.5g/t Au cut-off and no internal dilution		
						and	_	,			
			5.00	@	1.75	6.4	95.00	100.00	1g/t Au cut-off and 1m internal dilution		
			5.00	@	0.94	7.9	131.00	136.00	0.5g/t Au cut-off and no internal dilution		
							•				
))			105.30	@	0.55	3.2	38.00	143.30	0.25g/t Au cut-off and max. 7m continuou internal dilution		
					i	including	-	_			
		UGA-22	22.00	@	0.80	5.7	99.00	121.00	0.5g/t Au cut-off and 2m internal dilution		
5						and					
			13.00	@	1.28	2.4	130.00	143.30	0.3g/t Au cut-off and max. 4m continuous internal dilution		
						and	•				
7			3.00	@	4.42	5.2	130.00	133.00	0.5g/t Au cut-off and no internal dilution		
2											
			98.00	@	0.55	3.4	60.00	158.00	0.25g/t Au cut-off and max. 10m continuous internal dilution		
					i	including	-	_			
)			2.00	@	3.37	6.1	60.00	62.00	1g/t Au cut-off and no internal dilution		
		UGA-21				and					
			2.00	@	2.38	2.3	93.00	95.00	0.5g/t Au cut-off and no internal dilution		
						and		_			
			6.00	@	1.10	5.6	110.00	116.00	0.5g/t Au cut-off and 2m internal dilution		

Criteria	JORC Code Explanation	nation Details									
						and					
			4.00	@	1.34	6.0	137.00	141.00	0.5g/t Au cut-off and 2m internal dilution		
				•		and		•			
			9.00	@	1.03	4.1	149.00	158.00	0.5g/t Au cut-off and no internal dilution		
				•			•	•			
			61.00	@	0.97	12.3	55.00	116.00	0.25g/t Au cut-off and max. 5m continuous internal dilution		
						including	_				
5			19.00	@	2.07	29.1	77.00	96.00	1g/t Au cut-off and 4m internal dilution		
J						including					
		UGA-20	15.00	@	2.24	34.3	77.00	92.00	1.5g/t Au cut-off and max. 4m continuous internal dilution		
))						including					
5			2.00	@	4.68	150.8	77.00	79.00	2g/t Au cut-off and no internal dilution		
기						and					
3			2.00	@	3.91	20.7	83.00	85.00	2g/t Au cut-off and no internal dilution		
									•		
			68.00	@	0.43	4.3	19.00	87.00	0.26g/t Au cut-off and max. 6m continuous internal dilution		
7						including					
			6.00	@	1.07	1.7	19.00	25.00	0.3g/t Au cut-off and 3m continuous internal dilution		
						and		1			
		UGA-19	3.00	@	1.23	15.4	33.00	36.00	0.3g/t Au cut-off and no internal dilution		
))						and					
5			2.00	@	0.93	8.0	49.00	51.00	0.3g/t Au cut-off and no internal dilution		
J				and							
			1.00	@	4.08	46.4	77.00	78.00	1g/t Au cut-off and no internal dilution		
				-			•	-	-		

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Criteria	JORC Code Explanation	Details											
			38.00	@	17.72	17.6	44.00	82.00	0.26g/t Au cut-off, no top cut and max. 7n continuous internal dilution				
					i	including							
			18.00	@	36.96	30.6	64.00	82.00	0.5g/t Au cut-off, no top cut and max. 5m continuous internal dilution				
		UGA-18			i	including							
			6.00	@	109.82	81.7	76.00	82.00	1g/t Au cut-off, no top cut and max. 3m continuous internal dilution				
					i	including							
			1.00	@	646.00	459.0	81.00	82.00					
			45.00	@	2.65	10.4	52.00	97.00	0.26g/t Au cut-off, no top cut and max. 2n continuous internal dilution				
					i	including							
		UGA-17	35.00	@	3.31	12.3	60.00	95.00	1g/t Au cut-off, no top cut and max. 5m continuous internal dilution				
					i	including							
			19.00	@	5.08	12.9	67.00	86.00	2g/t Au cut-off, no top cut and max. 3m continuous internal dilution				
			126.00	@	5.31	7.3	1.00	127.00	0.26g/t Au cut-off, no top cut and max. 7m continuous internal dilution				
									i	including			
			70.00	@	9.23	7.8	40.00	110.00	0.5g/t Au cut-off, no top cut and max. 7m continuous internal dilution				
		UGA-16			İ	including							
			1.00	@	584.00	333.0	41.00	42.00					
						and							
			2.00	@	13.94	14.9	106.00	108.00	1g/t Au cut-off and no internal dilution				
								1	I acc /				
	1		124.00	@	1.47	11.6	3.00	127.00	0.26g/t Au cut-off and max. 6m continuous internal dilution				
		UGA-15				including		T					
			14.00	@	2.70	27.5	17.00	31.00	1g/t Au cut-off and 4m internal dilution				

Criteria	ORC Code Explanation Details									
						and				
			3.00	@	3.75	9.5	52.00	55.00	0.5g/t Au cut-off and no internal dilution	
				•		and	•			
			7.00	@	7.97	25.3	64.00	71.00	1g/t Au cut-off and 1m internal dilution	
				•		and				
			9.00	@	3.77	16.4	93.00	102.00	0.5g/t Au cut-off and 2m internal dilution	
			ı			<u> </u>	T	<u> </u>	0.2g/t Au cut-off and max. 7m continuous	
			108.00	@	2.22	7.6	26.00	134.00	internal dilution	
							<u> </u>			
			63.00	@	3.53	9.6	71.00	134.00	0.26g/t Au cut-off and 9m internal dilution	
		UGA-14		ı		•	T	I	1g/t August off and may Em continuous	
			42.00	@	4.98	11.9	91.00	133.00	1g/t Au cut-off and max. 5m continuous internal dilution	
				I		including	T	I		
			10.00	@	16.98	26.4	95.00	105.00	2g/t Au cut-off and 2m internal dilution	
			2.00	@	1.74	3.5	78.00	80.00	0.26g/t Au cut-off and no internal dilution	
					200	0.0	10.00	00.00	Sizes, the set of and he mether anaton	
			4.00	@	0.61	3.3	99.00	103.00	0.26g/t Au cut-off and no internal dilution	
				<u> </u>		<u> </u>	<u> </u>			
		UGA-13	3.00	@	0.82	8.5	132.00	135.00	0.26g/t Au cut-off and no internal dilution	
))		UGA-13		•		•	•			
			19.00	@	4.25	3.7	152.00	171.00	0.26g/t Au cut-off and max. 5m continuous internal dilution	
					i	including	•			
			5.00	@	14.90	6.1	157.00	162.00	0.5g/t Au cut-off and 2m internal dilution	
))										

Criteria	JORC Code Explanation	Details						•	
			10.00	@	0.85	3.0	204.00	214.00	0.26g/t Au cut-off and 3m internal dilution
			111.00	@	0.96	5.4	15.00	126.00	0.2g/t Au cut-off and max. 7m continuous internal dilution
					i	ncluding			
		UGA-11	19.00	@	4.23	17.2	107.00	126.00	1g/t Au cut-off and 5m internal dilution
					i	ncluding	_	_	
			6.00	@	8.39	21.0	117.00	123.00	3g/t Au cut-off and 3m internal dilution
/			137.00	@	0.60	1.2	0.00	137.00	0.2g/t Au cut-off and max. 3m continuous internal dilution
					i	ncluding			
			15.00	@	1.21	13.0	0.00	15.00	0.5g/t Au cut-off and max. 4m continuous internal dilution
						and			
		UGA-08	5.00	@	1.22	15.3	32.0	37.00	0.5g/t Au cut-off and 1m internal dilution
						and			
			5.00	@	4.48	5.2	87.00	92.00	0.3g/t Au cut-off and 3m internal dilution
						and			
			5.00	@	1.06	4.5	126.00	131.00	0.5g/t Au cut-off and no internal dilution
						and			
			2.00	@	1.22	2.7	135.00	137.00	0.5g/t Au cut-off and no internal dilution
			81.00	@	1.90	10.3	17.00	98.00	0.26g/t Au cut-off and max. 5m continuous internal dilution
					į	ncluding			
		UGA-12	35.00	@	3.73	11.6	63.00	97.00	0.5g/t Au cut-off and max. 6m continuous internal dilution
					i	ncluding			
			5.00	@	20.46	21.0	92.00	97.00	1g/t Au cut-off and no internal dilution

Criteria	JORC Code Explanation	Details	<u>Details</u>								
			2.00	@	2.44	20.5	22.00	24.00	0.26g/t Au cut-off and no internal dilution		
			6.00	@	0.89	4.2	56.00	62.00	0.26g/t Au cut-off and 2m internal dilutio		
					i	including	<u> </u>	<u> </u>			
			3.00	@	1.28	4.0	56.00	59.00	0.5g/t Au cut-off and 1m internal dilution		
			60.00	@	1.03	5.2	83.00	143.00	0.3g/t Au cut-off and max. 3m continuou internal dilution		
		UGA-10			i	including			internal unution		
			6.00	@	1.73	9.0	83.00	89.00	0.5g/t Au cut-off and no internal dilution		
						and		•			
			3.00	@	1.85	4.5	108.00	111.00	0.5g/t Au cut-off and no internal dilution		
						and					
			13.00	@	2.06	6.3	123.00	136.00	0.5g/t Au cut-off and max. 1m continuous internal dilution		
					i	including					
			2.00	@	5.87	2.3	134.00	136.00	1g/t Au cut-off and no internal dilution		
				ı				_	T		
			5.00	@	0.64	5.6	16.00	21.00	0.26g/t Au cut-off and 3m internal dilution		
				ı			T				
			4.00	@	0.55	4.9	32.00	36.00	0.26g/t Au cut-off and 2m internal dilution		
		UGA-09		ı			ī	ī			
			2.00	@	2.38	3.0	46.00	48.00	0.26g/t Au cut-off and no internal dilution		
				ı		<u> </u>	T	T			
			2.00	@	0.84	14.4	61.00	63.00	0.26g/t Au cut-off and no internal dilution		

	JORC Code Explanation											
			21.00	@	0.96	3.6	86.00	107.00	0.26g/t Au cut-off and max. 2m continuous internal dilution			
					i	ncluding						
			7.00	@	2.24	6.0	100.00	107.00	0.5g/t Au cut-off and 2m internal dilution			
					i	ncluding						
			4.00	@	3.31	9.0	103.00	107.00	1g/t Au cut-off and 1m internal dilution			
			112.00	@	0.87	7.7	16.00	128.00	0.26g/t Au cut-off and max. 5m continuous internal dilution			
					i	ncluding						
7			24.00	@	2.28	11.5	17.00	41.00	0.5g/t Au cut-off and max. 7m continuous internal dilution			
					i	ncluding						
))		UGA-07	4.00	@	10.86	36.2	34.00	38.00	1g/t Au cut-off and 2m internal dilution			
			5.00	0	1.11	5.2	92.00	97.00	0.5g/t Au cut-off and 1m internal dilution			
3												
			3.00	@	1.57	5.0	112.00	115.00	0.5g/t Au cut-off and no internal dilution			
				•			•	•				
			70.00	@	3.43	14.7	33.00	103.00	0.26g/t Au cut-off and max. 6m continuous internal dilution			
								i	ncluding			
			5.00	@	5.52	19.9	36.00	41.00	1g/t Au cut-off and no internal dilution			
				•		and	•	•				
)		UGA-06	8.00	@	8.55	22.5	56.00	64.00	2g/t Au cut-off and 1m internal dilution			
						and						
			5.00	@	4.81	36.4	75.00	80.00	2g/t Au cut-off and 3m internal dilution			
						and						
			4.00	@	22.81	37.4	98.00	102.00	2g/t Au cut-off and no internal dilution			

Criteria	JORC Code Explanation	Details								
			32.00	@	4.62	17.5	70.00	102.00	0.26g/t Au cut-off and max. 3m continuous internal dilution	
		UGA-05		1		including	<u> </u>	<u> </u>		
			9.00	@	14.53	48.2	90.00	99.00	2g/t Au cut-off and 3m internal dilution	
									•	
			90.00	@	3.88	13.9	0.00	90.00	0.26g/t Au cut-off and max. 6m continuous internal dilution	
						including				
		UGA-04	9.00	@	11.66	62.3	14.00	23.00	2g/t Au cut-off and 1m internal dilution	
						and	_	_		
			6.00	@	33.76	36.2	43.00	49.00	1g/t Au cut-off and no internal dilution	
			73.00	@	2.14	8.8	211.00	284.00	0.26g/t Au cut-off and max. 3m continuou internal dilution, including a 1.39m historic mining void	
						including				
			31.61	@	3.76	11.0	248.00	279.61	0.5g/t Au cut-off and max. 2m continuous internal dilution	
						including				
		UGA-03	24.00	@	4.74	13.4	252.00	276.00	1g/t Au cut-off and max. 3m continuous internal dilution	
						including	_	_		
			15.00	@	6.70	15.3	252.00	267.00	2g/t Au cut-off and max. 3m continuous internal dilution	
						including	_	•		
			7.00	@	11.65	24.7	260.00	267.00	5g/t Au cut-off and max. 1m continuous internal dilution	
									_	
			7.90	@	0.58	9.2	0.10	7.80	0.26g/t Au cut-off and max. 3m continuous internal dilution	
		UGA-02			•	and	1			
			9.00	@	0.94	6.5	17.00	26.00	0.26g/t Au cut-off nd max. 2m continuous internal dilution	
						including				

Criteria	JORC Code Explanation	Details							
			4.00	@	1.52	10.2	17.00	21.00	0.5g/t Au cut-off and max. 1m continuous internal dilution
			5.00	@	0.91	13.7	46.00	51.00	0.5g/t Au cut-off and max. 2m continuous internal dilution
)			8.00	@	0.92	5.0	92.00	97.00	0.5g/t Au cut-off and max. 2m internal
									dilution
			26.00	@	1.20	5.8	111.00	137.00	0.5g/t Au cut-off and max. 2m internal dilution
					i	ncluding			
			7.00	@	1.60	4.3	111.00	118.00	1g/t Au cut-off and max. 2m continuous internal dilution
						and			
			6.00	@	1.50	10.8	124.00	130.00	1g/t Au cut-off and max. 1m continuous internal dilution
							_	_	
			3.00	@	0.82	4.1	152.00	155.00	0.3g/t Au cut-off and no internal dilution
							_		
			15.00	@	1.16	3.5	168.00	183.00	0.5g/t Au cut-off and max. 1m continuous internal dilution
					i	ncluding	_		
			5.00	@	1.92	4.6	171.00	176.00	1g/t Au cut-off nd max. 2m continuous internal dilution
			2.00	@	2.43	76.7	1.00	3.00	0.5g/t Au cut-off and no internal dilution
			2.00	۳	2.43	76.7	1.00	3.00	0.5g/t Au cut-on and no internal unution
			27.00	@	0.64	13.9	1.00	28.00	0.26g/t Au cut-off and max. 4m continuous internal dilution
		UGA-01			i	ncluding	<u> </u>	<u> </u>	mema anaton
			4.00	@	1.19	20.8	17.00	21.00	0.5g/t Au cut-off and max. 1m continuous internal dilution
			10.00	@	0.54	3.4	48.00	58.00	0.26g/t Au cut-off and max. 2m continuous internal dilution

Criteria	JORC Code Explanation	Details							
			10.00	@	0.76	6.4	135.00	145.00	0.26g/t Au cut-off and max. 2m continuou internal dilution
						including			
			3.00	0	1.15	9.1	135.00	138.00	0.5g/t Au cut-off and no internal dilution
						and			
			3.00	@	1.04	6.4	142.00	145.00	0.5g/t Au cut-off and no internal dilution
						including			
			12.00	@	0.76	5.3	183.00	195.00	0.26g/t Au cut-off and max. 2m continuou internal dilution
						including			
			2.00	9	2.00	6.2	192.00	194.00	0.5g/t Au cut-off and no internal dilution
			16.00	@	0.76	4.1	206.00	222.00	0.26g/t Au cut-off and max. 3m continuou internal dilution
						including			
			6.00	@	1.32	6.3	216.00	222.00	0.5g/t Au cut-off and max. 1m continuous internal dilution
			10.00	@	1.47	9.7	234.00	244.00	0.5g/t Au cut-off and max. 2m continuous internal dilution
		,							

Criteria	JORC Code Explanation	Details											
Data	• In reporting Exploration Results,		All cut-c	off grad	es are re	ported.							
aggregation	weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	•	No top	cut has	been app	olied.							
methods		 The lower gold grade, larger intervals have been selected using a gold cut-off grade similar to the cut-off grade utilised for the Sturec Gold Project JORC 2012 Mineral Resource. While the higher gold grade, shorter intervals have been selected utilising incrementally increasing gold cut-off grades in order to visualise the mineralisation at a range of gold cut-off grades, which may be utilised in the future if the mineralisation not be high graded in order to support feasibility studies into the smaller, higher grade open pit mining or underground mining. Weighted means for each interval are calculated by: First multiply each of the widths of the individual sample intervals within the significant intersection by the assay result (Au g/t or Ag g/t) of each individual sample Then sum all these values and divide by the overall width (m) of the significant intersection. 											
		 Internal dilution was allowed as long as the aggregate weighted mean grade from the footwall or hanging side of the mineralised interval to the end of the dilution zone does not fall below the cut-off grade. Example of weighted mean calculation and treatment of internal dilution. 											
	• The assumptions used for any	•	Example	e or we	ignted in	ean Calcula	ition and	treatmen	it of filtern	iai ullutio			
	reporting of metal equivalent values should be clearly stated.	Hole	From (m)	To (m)	Interval (m)	Sample Nr	Au g/t (Au- AA26)	Au g/t* interval	Ag g/t (ME- ICP61)	Ag g/t*			
		UGA-01	234	235	1	M294307	4.23	4.23	44	44	10	metres @	
		UGA-01	235	236	1	M294308	0.34	0.34	4.4	4.4	1.47	g/t Au	
		UGA-01	236	237	1	M294309	0.5	0.5	5	5	9.68	g/t Ag	
		UGA-01	237	238	1	M294310	0.65	0.65	3.9	3.9		from	234
							0.27					using a 0.3g/t Au cut-off with max. 2m of continuous	
		UGA-01	238	239	1	M294312		0.27	4.2	4.2		internal dilution	,
		UGA-01	239	240	1	M294313	0.2	0.2	3.3	3.3			
		UGA-01	240	241	1	M294314	0.8	0.8	7	7			
		UGA-01	241	242	1	M294315	0.44	0.44	2.6	2.6			
		UGA-01	242	243	1	M294316	0.5	0.5	1.9	1.9			
		UGA-01	243	244	1	M294317	6.76	6.76	20.5	20.5			
		•	No meta	al equiv	alents ha	ave been q	uoted.						
Relationship between mineralisation widths and	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation 	 Generally, the drilling from the Andrej Adit is at an angle to the strike of the mineralisation and therefore, true thickness could be a small proportion of the intersection thickness. As the mineralisation zone stri approximately north-south, the closer the hole azimuth is to north or south, the smaller the true thickness be compared of the intersection thickness. 											
intercept length	with respect to the drill hole angle is											eas below the orgillic altered an	

Criteria	JORC Code Explanation	Details
	known, its nature should be reported. If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	brecciated andesite host rock containing varying amounts of quartz filled vein / stockwork / breccia, variably rich in fine to very fine grained sulphides (mainly pyrite/marcasite) is not a true thickness. The true thickness of the mineralisation is approximately 90m at the top of the drill hole and 30m at the bottom of the drill hole (see Figure 3 in the body of the announcement). The mineralisation is funnel shaped with the thicker zone higher and the thinner zone lower. This ore body geometry is common for many low-sulphidation epithermal gold-silver deposits.
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. 	All relevant diagrams are reported in the body of this announcement.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All exploration results have been reported.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples — size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	 Several metallurgical test work programs have been completed at independent laboratories confirming that the Sturec ore is amenable to industry-standard cyanide leaching processing for gold and silver. However, the use of cyanide for ore processing was banned in Slovakia in 2014. In response to the cyanide ban, several metallurgical test work programs assessing alternative processing methodologies have been completed on the ore from Sturec. The three most promising are: Thiosulphate Leaching gold and silver extraction technology was investigated by the previous owners of the project (Arc Minerals Limited) between 2011-2014. The Thiosulphate Leaching test work results reported so far indicate that this alternate mineral processing methodology is generally applicable to the Sturec gold-silver ores. The most encouraging results came from the latest, Thiosulphate Leaching study completed in 2014 by CMC Chimie. In this study, Ammonium Thiosulphate leaching of the Sturec ore (10 batches of approximately 800kg each) produced a pregnant liquor that had a content of 3-8g/t Au and 10-25g/t Ag, which was then subjected to electrowinning and filtering/drying, producing a copper/gold/silver cement with an overall recovery of 90.5% for gold and 48.9% for silver. The resultant dry cement was approximately 1% gold-silver and about 50% copper. These results were used to justify the conclusion that Thiosulphate Leaching could be used as an alternative processing method to conventional cyanidation and that it was also more economically viable. These results are interpreted to indicate that a further, more detailed metallurgical test work investigation is warranted into this alternative processing method in order to underpin further economic analysis (scoping Study or PFS) of the Sturec Gold Project in light of Slovakia's ban on cyanidation mineral processing. In 2016-2017, Arc Minerals also investigated the Cycladex Process as another alternative to cyani

Criteria	JORC Code Explanation	Details
	·	methodology is also generally applicable to the Sturec gold-silver ores and potentially cheaper than conventional cyanidation. These results are interpreted to indicate that further investigation is warranted into this alternative processing method and that a PFS-level metallurgical test work-study needs to be completed to underpin a revaluation of the 2013 PFS completed by SRK in light of Slovakia's ban on cyanidation mineral processing.
		As an alternative to onsite leaching, producing a gravity/floatation concentrate on site that could then be then further processed elsewhere (Austria/Belgium) has also been investigated. Gravity concentrate and floatation test work completed on 11 composite samples of Sturec ore found that gold recovery ranged from 64.1 to 93.9% and silver recovery ranged from 45.1 to 83.9%. This processing methodology is currently being used at Slovakia's only operating gold mine, which is of a very similar mineralisation style to Sturec; and so, there is a reasonable possibility it could also be used at Sturec. The main deterrents to this option are the cost of transporting this concentrate (obviously depending on the distance of the further processing facility) and the lower recovery of gold and silver (especially in fine ores). Further work needs to be done to better constrain the metallurgical recovery of this processing methodology across the entire orebody, as well as understand the economic factors involved before an assessment of its suitability can be fully determined. Gravity/floatation concentrate metallurgical testwork on a sample from UGA-14 completed by the Company (ASX:MTC announcement dated 1/10/2021) produced a gravity/floatation concentrate grading 31g/t gold and 80g/t silver, with a corresponding gold and silver recovery of 91.0% and 88.4% respectively
		• Groundwater and geotechnical investigations were completed in 2013. The groundwater monitoring results and geotechnical data were found to be adequate to interpret reasonable open pit slope angles for the various host rock types for the purposes of an open pit optimisation that was used as justification for a 'reasonable prospects of economic extraction' interpretation.
		• Concerning the groundwater, it has been interpreted that the most likely current situation is that the water table around the open pit area was drawn down due the dewatering through the 'Heritage Adits'; with the Main Heritage Adit being situated some 300m below and transporting the groundwater 15km away to where it eventually reaches the surface. It was interpreted that the dewatering had occurred to the level with or below the maximum depth of the proposed pit (~300m). However, the possibility that the dewatering was not as efficient as interpreted has also considered and it has been recommended that up to 6 permanent monitoring wells be installed on the western and eastern sides of the pit to the full depth of the proposed pit. The primary purpose of these wells is to determine if there is any spatial and temporal variation in groundwater levels around the pit.
		• Geotechnical investigations found that the stability of the open pit was significantly controlled by the degree of argillic alteration of the predominantly andesite rock mass found at Sturec (host rock of the quartz veining). The modelling suggested that the pit slope needed to be as low as 43° in the highly argillic altered/clay rock type but that a 50° pit slope was adequate in the other rock types.
		• The groundwater and geotechnical investigation results have been used to model a recommended open pit design that achieved an adequate Factor of Safety (FoS) of greater than 2.0.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or	There is good potential for the delineation of further gold mineralisation within the Sturec Gold Project area through future exploration.
large-scale step-out drilli Diagrams clearly highl areas of possible including the main interpretations and fut	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	 Prospects such as Wolf, Vratislav, Katerina, Volle Henne and South Ridge are interpreted to be extension areas to the Mineral Resource area at Sturec. Significant gold-silver bearing quartz vein mineralisation has been identified and variably explored/mined at each of these prospects.