

# UNDERGROUND DIAMOND DRILLING CONTINUES SCOPING STUDY NEARS COMPLETION

## Highlights

- ★ Diamond core drilling progressing well, currently completing drill hole UGA-41 within drill chamber III with the aim of extending the high grade zone of the existing Mineral Resource at depth – **assays pending**
- ★ Construction of drill chamber IV ongoing with drilling to shift to this chamber in late June
- ★ Scoping study being finalised based on the production of a gold and silver concentrate from a combined open cut and underground mining operation at Sturec - **expected mid-June**
  - modelled on a 1.5Mtpa processing capacity for total LoM production based on the combined opencut / underground operation at Sturec is 1,007,000 oz AuEq over a 15 year mine life across Measured (51.4%), Indicated (31.3%) and Inferred (17.4%) JORC categories
  - mine design and infrastructure locations have been developed to minimise the environmental and social impacts on nearby towns of Kremnica and Lucky
  - recoveries to concentrate have been estimated at 91% for gold and 88% for silver based on recent metallurgical testwork
- ★ Significant upside beyond scoping study with recent extension drilling not included in inventory modelling

Commenting on the upcoming catalysts, MetalsTech Director, Gino D’Anna stated:

*“We are on the precipice of a significant transformation at Sturec. Our resource extension drilling is going very well and the pending delivery of a high value and low impact scoping study on a gold and silver concentrate operation will kick start the next development phase for our Company. Our efforts have recently garnered the interest of global miners in the Western Tethys where Sturec is located, including out of China. This has coincided with strong interest from international institutional investors so we see these next few months as a perfect storm for our Company and we look forward to seeing some solid value recognition for shareholders.”*

**\*\* This announcement is authorised by the executive board on behalf of the Company \*\***



**MetalsTech Limited (ASX: MTC)** (the Company or MTC) is pleased to provide stakeholders with an update on its Phase II diamond drilling program at the Company's 100% owned Sturec Gold Mine, located in Slovakia (Sturec). To date the Company has completed twelve diamond drill holes from Drill Chamber II within the Andrej Adit; and 12 diamond drill holes from Drill Chamber III, with a thirteenth underway (Table 1 & 2).

This drill program has been designed to extend the mineralisation to the south along strike of the southern margin of the existing Sturec Mineral Resource; extend the mineralisation at depth below the existing Sturec Mineral Resource; as well as increase the confidence of the southern extent of the existing Sturec Mineral Resource.

In addition, the Company is nearing completion of the Scoping Study based on a low impact mining operation at Sturec focusing on the higher grade zones within the Mineral Resource Estimate. The Scoping Study is progressing well and is expected to be completed during mid June 2022.

Table 1: drill holes from Drill Chamber II

Hole ID	Easting JTSK	Northing JTSK	Elevation (m)	Azimuth (°)	Dip (°)	Depth (m)
UGA-17	-435,852	-1,230,270	656.96	270	-70	109.35
UGA-18	-435,852	-1,230,270	656.96	230	-55	104.65
UGA-19	-435,852	-1,230,270	656.96	210	-30	101.6
UGA-20	-435,852	-1,230,270	656.96	205	-45	140.5
UGA-21	-435,852	-1,230,270	656.96	205	-65	178.2
UGA-22	-435,852	-1,230,270	656.96	200	-35	143.3
UGA-23	-435,852	-1,230,270	656.96	200	-42	179.5
UGA-24	-435,852	-1,230,270	656.96	195	-30	180.8
UGA-25	-435.852	-1.230.270	656.96	195	-37	180.8
UGA-26	-435.852	-1.230.270	656.96	300	-65	101.5
UGA-27	-435.852	-1.230.270	656.96	350	-65	214.3
UGA-28	-435.852	-1.230.270	656.96	335	-70	151.2

Table 2: drill holes from Drill Chamber III

Hole ID	Easting JTSK	Northing JTSK	Elevation (m)	Azimuth (°)	Dip (°)	Depth (m)
UGA-29	-435.851	-1.230.123	656.96	280	-80	84.7
UGA-30	-435.851	-1.230.123	656.96	008	-45	173.6
UGA-31	-435.851	-1.230.123	656.96	355	-60	106.45
UGA-32	-435.851	-1.230.123	656.96	325	-60	79.3
UGA-33	-435.851	-1.230.123	656.96	008	-70	109.2
UGA-34	-435.851	-1.230.123	656.96	270	-50	41.5
UGA-35	-435.851	-1.230.123	656.96	270	-70	64.2
UGA-36	-435.851	-1.230.123	656.96	270	-25	59.8
UGA-37	-435.851	-1.230.123	656.96	230	-40	69.6
UGA-38	-435.851	-1.230.123	656.96	230	-75	67.1
UGA-39	-435.851	-1.230.123	656.96	15	-65	143.5
UGA-40	-435.851	-1.230.123	656.96	15	-70	119.5
UGA-41	-435.851	-1.230.123	656.96	16	-60	In progress

\*\* This announcement is authorised by the executive board on behalf of the Company \*\*



## CURRENT UNDERGROUND DIAMOND DRILLING PROGRAM

Twelve drill holes were completed from drill chamber II as shown in Figure 1 and Table 1. These drill holes were designed to verify the southern extent of the Sturec Mineral Resource Estimate as drilled from drill chamber I and test for extensions of mineralisation along strike further to the south

Twelve drill holes have been completed from drill chamber III as shown in Figure 1 and Table 2. These drill holes were designed to verify the southern extent of the Sturec Mineral Resource Estimate as drilled from drill chamber I and test for extensions of mineralisation at depth below the current Sturec Mineral Resource Estimate.

Assays from the balance of the drill holes completed from drill chamber III will be announced once received. The Company has experienced significant delays with receipt of assay results due to the holiday season and the ongoing COVID situation in Slovakia and other parts of Europe. The ALS laboratory in Romania has since confirmed that the assay turn around times have improved significantly and the Company expects to be able to announce assay results shortly.

Underground diamond drilling from drill chamber IV, part of the Phase IV program, is planned to commence in late June 2022 (Figure 1). Drilling from drill chamber IV is planned to further extend the mineralisation along strike to the south.

The currently underway drill hole UGA-41 is planned to intersect the footwall of the mineralised zone 15-20 metres below UGA-03, which intersected a thick mineralized zone of **59m @ 2.3 g/t Au & 9.4 g/t Ag** from 225m (0.3g/t Au cut-off, downhole thickness) including:

- **31.61m @ 3.76 g/t Au & 11 g/t Ag** from 248m (0.5g/t Au cut-off)
- **24m @ 4.74 g/t Au & 13.4 g/t Ag** from 252m (1g/t Au cut-off)
- **15m @ 6.70 g/t Au & 15.3 g/t Au** from 252m (2g/t Au cut-off)
- **7m @ 11.65 g/t Au & 24.7 g/t Ag** from 252m (5g/t Au cut-off)

See Figure 1 for the relative position of UGA-41 compared to UGA-03 and the existing Sturec Mineral Resource respectively (refer to MTC announcement dated 21 June 2021). UGA-41 was drilled from Drill Chamber III, which is 80m to the north of Drill Chamber I from which UGA-03 was drilled.

**\*\* This announcement is authorised by the executive board on behalf of the Company \*\***

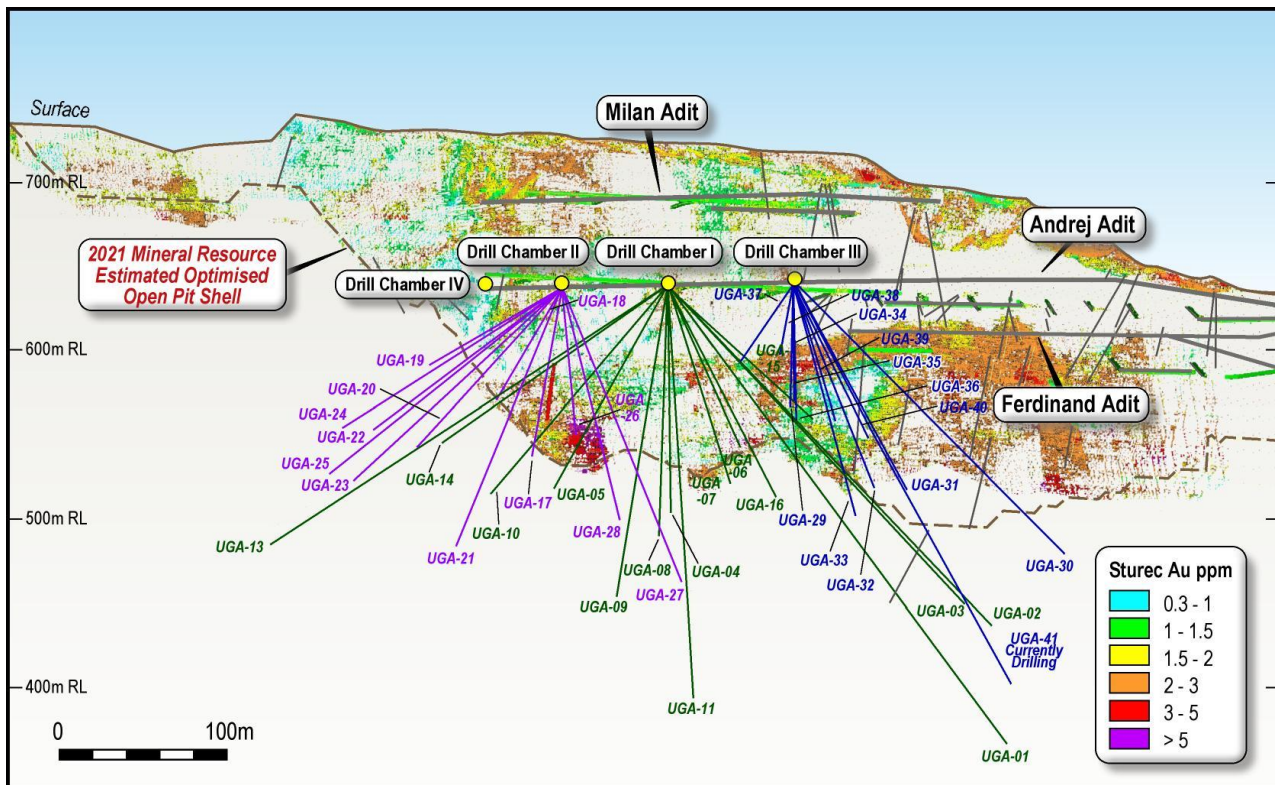


Figure 1: Long-section showing the traces of holes from the current Phase 2 drill program from Drill Chamber II and III, as well as the previous Phase 1 drill program from Drill Chamber I; shown relative to mineralisation within the existing Sturec Mineral Resource displayed as a 3D point cloud (grade scale shown with pseudocolor spectrum). The position of Drill Chamber IV is also shown. This view is looking west.

## SCOPING STUDY PROGRESS

As previously announced, the Company engaged Measured Group to complete a Scoping Study based on a low impact mining operation at Sturec focusing on the higher grade zones within the Mineral Resource Estimate. The Scoping Study is advancing well with mine design, mine planning, scheduling and preliminary financial modelling completed.

The Scoping Study will build on historic analysis completed on the Sturec Project, including the previously completed PFS, however, will be the first study to investigate the economics of mining the Sturec Project from a combined open cut and underground mining methods. The thickness of the ore and the consistency of the grades allows the use of large underground mechanised mining equipment which will provide significant upside to the production profile underground.

This Scoping Study will utilise a simple gravity separation and flotation processing strategy, which would significantly reduce CAPEX and allow Sturec to produce a gold concentrate for export out of Slovakia where it could be processed further using conventional processing for sulphide concentrates or sold.

Underground stopes have been designed for various cut-off criteria and are currently being optimised in order to produce an optimal mine plan and financial model. The Scoping Study is currently scheduled to be completed in mid June 2022.

ENDS

\*\* This announcement is authorised by the executive board on behalf of the Company \*\*



**For further information, contact:**

Gino D'Anna  
Director  
M +61 400 408 878  
gino@metalstech.net

Nathan Ryan  
Investor Relations  
M +61 420 582 887  
nathan.ryan@nwrcommunications.com.au

**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 Persons 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.

**\*\* This announcement is authorised by the executive board on behalf of the Company \*\***



## 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 AuEq<sup>1</sup>), 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 AuEq<sup>1</sup>), 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 Sturec Mineral Resource Estimate							
Resource Estimate above 0.26 g/t Au cut-off and within an optimised open pit shell							
Resource Category	Tonnes (kt)	Au (g/t)	Ag (g/t)	AuEq (g/t) <sup>1</sup>	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
<b>TOTAL</b>	<b>38,495</b>	<b>1.23</b>	<b>8.83</b>	<b>1.30</b>	<b>1,522</b>	<b>10,930</b>	<b>1,611</b>
Resource Estimate above 2 g/t Au cut-off: outside optimised open pit shell							
Resource Category	Tonnes (kt)	Au (g/t)	Ag (g/t)	AuEq (g/t) <sup>1</sup>	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
<b>TOTAL</b>	<b>148</b>	<b>3.55</b>	<b>12.62</b>	<b>3.64</b>	<b>17</b>	<b>60</b>	<b>18</b>

<sup>1</sup> 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.

\*\* This announcement is authorised by the executive board on behalf of the Company \*\*