BRITISH COLUMBIA The Best Place on Earth		BC Geological Sur Assessment Rep 39946	rvey ort	Total and
Ministry of Energy and Mines BC Geological Survey			Assessme Title Pag	ent Report ge and Summary
TYPE OF REPORT [type of survey(s)]: Soil and prospecting technical r	ерс	ort TOTAL COST:	3 4,334.46	
AUTHOR(S): Wanjin Yang		SIGNATURE(S):		
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-1-196			_ YEAR OF	work : <u>2021</u>
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): E	Eve	nt 5855699		
PROPERTY NAME: Tatsamenie Lake property Tat zone				
CLAIM NAME(S) (on which the work was done): IMGM25				
COMMODITIES SOUGHT: Au, Ag, Cu MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 104k070 MINING DIVISION: Atlin Mineral Division, NWBC LATITUDE: N58 ° 27 '30 " LONGITUDE: W132 OWNER(S): 1) IMGM International Mining Canada Inc.	0 	NTS/BCGS: <u>1/50k NTS 104K/07</u> 07 ' <u>53</u> " (at centre of work	c)	
MAILING ADDRESS: 1383 Lynn Valley Rd. North vancouver	-			
BC, Canada, V7J 2A7 OPERATOR(S) [who paid for the work]: 1) Terrainplus Exploration Ltd	2)			
MAILING ADDRESS: 1383 Lynn Valley Rd. North vancouver	-			
BC, Canada, V7J 2A7 PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, a	alter	ration, mineralization, size and attitude):		
Stikine Terrain is carboniferous to Early Jurassic island Arc, after continued into the tertiary, late Triassic through Tertiary plutons in	[.] Ea ntru	rly to Mid Jurassic, there are related ide structurally imbricated Stikine Te	magmati rrain.	c activities

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: ARIS report 11497, 17900, 21779, 27761

22204, 19259, 21718

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization		_	
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil 38 soil sample		IMGM 25	20,900
Silt			
Rock 2		IMGM25	11,103.28
Other prospecting			
DRILLING			
(total metres; number of holes, size)			
Core			
RELATED TECHNICAL			0.004.40
Sampling/assaying Soll and roo	ck samples 40		2,331.18
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/tr	rail		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	34,334.46

Claims Assessment Report on Surface Sampling and Prospecting on, Tat Target within IMGM Tatsamenie Lake Property Claim IMGM25 (1:50,000 NTS 104K07)

Atlin Mineral Division, Northwestern British Columbia

Center Latitude: 58° 27'30" N, Longitude: 132°33 7' 53" W

For IMGM International Mining Inc.

(Terrainplus Exploration Ltd invest)

1383 Lynn Valley Rd, North Vancouver B.C. V7J 2A7 Office: (778) 7098118 Fax: (604) 9987876 Email: wanjinyang@hotmail.com

Report by:

Wanjin Yang BSc. Geology

IMGM International Mining Canada Inc.

Report date: Dec 20, 2021

Claim Names, Tatsamenie lake Property

Claim name: IMGM25, total 1 claim with area of 16.94 square Km.

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D.1	Wanjin Yang, BSc in Geology, APEGBC-pending

1.0 Summary

The IMGM 25 claim is in the Tatsamenie Lake area in Atlin Mineral Division, northwestern B. C. Canada, about 135 km west of Dease Lake, where some grocery and food supplies. The property is located within 1: 50,000 scaled NTS map sheet 104K/07 and is 1694 hectares in area (or 16.94 square km). IMGM International Mining Canada Inc. 100% owns this claim while another 13 these claims in a group and they were first staked in 2013.

2021 soil and surface prospecting work have been done in August 9th to August 19th 2021, this work was conducted by one geologist and one technician by fly camp supported by Tundra Heli Service that is based on Dease Lake.

This program was proposed to cover its west to northwest extension zone of the Au and Cu soil anomalies where could indicate a potential covered Cu and Au mineralization northwest extension from the ZK18-301 and ZK18-401. Total 38 soil samples and 2 rock samples were collected in this fly camp program. This field work camped at drill core storage site and have chance re logged the core and restacked the core boxes to a safe place nearby protect the core boxes from a soon collapse by base ground sinking.

IMGM International mining Canada Inc. work closely with Tahltan first nation. Back to 2018, IMGM was using Tahltan first nation settled diamond drill team for the drilling program, while the drill pads, core land construction and camp management service was conducted through CJL Enterprises.

This assessment report just related to one claim the IMGM25 which covers an area of 16.94 sqkm, however IMGM International owns other 13 continuous claims sum up to 233.13 sqkm in all has no chance to explore on at this time because of the Covid 19 pandemic throughout Canada, China, and all over the whole, IMGM meets the difficulties to raise enough investment for funding mineral exploration program at this time. The time frame spend over this claim is limited in between Jun to August, while the field work was done in between Aug 9th to Aug 19th. This report covers the expenditure at Wanjin Yang's own discretion for this assessment report sum up to CAN\$**35,824.44** in all covered by Terrainplus Exploration Ltd.

2.0 Introduction

IMGM International Mining Canada Inc. initiated claim staking in the Tatsamenie lake area in August of 2013, The Tatsamenie Lake Project consisted of 14 claims covering over 23313 hectares that are 100%

owned by IMGM International Mining Canada Inc. through staking (Figure 1). The Tatsamenie Lake Project is an early exploration stage gold-base metal project located in northwest of British Columbia, approximately 135 kilometers west of Dease Lake, British Columbia (Figure 2). It covers parts of NTS (1:50,000 scale) map sheets 104 K/07, 104 K/08, 104K/09 and 104K/10. Based on previous work have done within Tatsamenie Lake area, and the mineral exploration fund IMGM get at the time, 2021 field exploration work is limited to a small soil travers line sample program and a surface alteration zone prospecting work limited within only one claim of IMGM25 with its claim number 1021969, it is about 16.94 sqkm in all.

Author Mr. Yang Wanjin is director and chief geologist employed by IMGM International Mining Canada Inc. managed and conducted whole field work and monitored the data validation procession. The exploration data presented in this assessment report is believed to be reliable, and the author have no doubt as to the reliability of the historical data present in this report.

3.0 Property Description and Location

3.1 Land Tenure

IMGM Tatsamenie Lake Project claim block consists of 14 registered quartz mining claims covering 23313 hectares (or 233.13 square km) at Tatsamenie lake area. The property is within NTS map sheet 104 K07, 104 K 08, 104K09, 104K10. IMGM International Mining Canada Inc. 100% owned and first staked in August of 2013. The boundaries of the individual claims have not been legally surveyed. A list of the mining claims is given in Table 1 and the claims are graphically presented in Figure 1.

Table 1. Tatsamenie Lake Project - Mineral Claims

Claim ID	Claim name	First issue	Good to date	SQKm
1021959	IMGM15	2013/AUG/29	2021/Dec/31	16.90
1021960	IMGM16	2013/AUG/29	2021/Dec/31	16.23
1021961	IMGM17	2013/AUG/29	2021/Dec/31	16.23
1021962	IMGM18	2013/AUG/29	2021/Dec/31	16.08
1021963	IMGM19	2013/AUG/29	2021/Dec/31	16.60
1021964	IMGM20	2013/AUG/29	2021/Dec/31	16.75

1021965	IMGM21	2013/AUG/29	2021/Dec/31	16.60
1021966	IMGM22	2013/AUG/29	2021/Dec/31	16.59
1021967	IMGM23	2013/AUG/29	2021/Dec/31	16.93
1021968	IMGM24	2013/AUG/29	2021/Dec/31	16.93
1021969	IMGM25	2013/AUG/29	2022/Jul/29	16.94
1021970	IMGM26	2013/AUG/29	2021/Dec/31	16.95
1021971	IMGM27	2013/AUG/29	2021/Dec/31	16.95
1021978	IMGM28	2013/AUG/30	2021/Dec/31	16.46
			233.13	

Area:

Sqkm

Note: Working claim that for good to date renewal showing in blue text



Figure 1. Tatsamenie Lake Claims Location Map (with 2021 work area in red blocks and shadow area)

3.2 Underlying Agreements

IMGM International Mining Canada Inc. 100 % owns these IMGM 15-IMGM28, 14 claims, which were first registered in august 2013.

3.3 Environmental Considerations

IMGM International Mining Canada Inc. conducts all exploration activities in a manner to minimize all environmental impacts to land, water, wildlife and cultural resources. All IMGM International Mining Canada Inc. Tatsamenie Project employees and sub-contractors were required to use best practice procedures for minimizing environmental impact due to exploration activities, and to ensure safe working conditions for all persons.

IMGM Tatsamenie Lake 2021 summer program is composed of small soils sampling program and local alteration prospecting program, related sample assay and camp site historical core boxes tags relabel and re stacking and quick drill core review.



Figure 2 Tatsamenie Lake Property Claims location and access

4.0 Accessibility, Climate, Infrastructure and Physiography

IMGM Tatsamenie lake Property is located 135 km west of Dease Lake town. Base at Dease lake access property by 40 minutes helicopter flight. Sheslay airstrip is about 10 km southeast of property, the only direct access to the Tatsamenie Lake area is by helicopter. Another nearest community to the property is

the Town of Atlin Lake, is 140 km to the north. Groceries, gas and basic supplies can be bought in Dease lake at east and Atlin Lake at north. The climate of the Tatsamenie Lake area is defined as sub-arctic. The mean summer and winter temperatures are in the range of 15" C and -24" C respectively and the mean summer and winter precipitation average for northern B.C. are in the range of 25 cm and 22 cm respectively with a majority of the winter precipitation being in the form of snow. Main drainages that flow from the property Tatsatua creek that flow towards northeast cross whole property and merge into Sheslay River. It is understood that have year-round water. There is no infrastructure on the property. The styles and types of vegetation through the property are spruce trees and willow dominated sub alpine wood and bush. Refer to Access map figure 2.

5.0 Exploration History

The exploration history of the IMGM Tatsamenie Lake area is relatively well documented by historical assessment reports. Six exploration programs selected are known to have been carried out within the current claim area since the early 1980's before IMGM got the claims as follows in three areas:

Northeast AS01 area -claims of (was Chevron property by Chevron Canada)

ARIS Report No. 11497 dated October 1983 describes the 1983 work program carried out by Chevron Canada as consisting of geological mapping and prospecting in conjunction with 100 meter soil sampling. A total of 549 soil samples and 71 rock samples were collected. Their conclusion was that a gold bearing arsenopyrite-stibnite quartz-chalcopyrite-sphalerite-galena vein system was crosscutting the local country rocks.

ARIS Report No. 17910 dated March, 1988 and describes the 1987 work program carried out by Stetson Resource Management and Waterford Resources Ltd. as consisting of geological mapping, prospecting and soil sampling. A total of 401 soil samples were collected at 25 meter intervals along grid lines in the central part of the property and along two soil lines. In addition a total of 141 rock samples were collected of which 124 samples were sent for analysis.

ARIS Report No. 21779 dated October 1991 describes the 1991 work program carried out by Waterford Resources Inc. as consisting of geological mapping, grid based soil geochemistry and geophysics comprising ground magnetic and VLF-EM surveys. A total of were collected from various mineralized zones

and a total of 667 soil samples and were collected at 25 meter spaced intervals on flagged grid lines used for 23.8 km of ground magnetic and VLF-EM surveys.

ARIS Report No.27761 dated December 2004 describes a small work program carried out in 2004 consisting of rock sampling and soil sampling consisting of 16 rock and 63 soil samples. The limits and gridded areas of the various work programs that have been carried out are color coded and shown in figure no.4.

Stetson Resources (1988) outlined that mineralization primarily occurs within two main zones referred below as the Big Onion-Vein Zone and the Cold Creek Zone. The Big Onion-Vein Zone contains a series of quartz-carbonate veins with gold- silver- copper-lead-zinc-antimony-arsenic. The mineralized veins outcrop in Vein Creek and in Big Onion Tributary, 1 km apart and on strike. A gold and copper soil geo-chemical anomaly also occurs on the plateau between the two creeks. Stetson obtained 11.25 g/t gold over 15 cm in Vein Creek (Chevron obtained 7.54 g/t Au) and 2.72 g/t gold over 20 cm in Big Onion Tributary. We did not observed any of these mentioned mineralization at AS01 area. Freeze (P.Geo) in 1987 concluded that mineralization on the Vine property fit Lindgren's (1933) criteria for a mesothermal ore deposit, as is the case with the Golden Bear Deposit.

Tat Zone-AS03 area- west part of Tatsamenie Lake property (was Sure property by Maple Resources Corp.)

ARIS Report No. 22204 dated Feb 1992 describes exploration program including contour soil 26.59 km long about 388 soil sample collected, some areas of geology mapping at scales of 1: 5,000 and 1: 10,000 respectively, 32 rock sample and 19 silt samples taken during the same season. This work reports two float rock samples returned 0.233 oz/t gold, 5.59 oz/t Ag in sample 18198 and 0.782 oz/t Au, 1.40 oz/t Ag in sample 18199.

AS05 area- central part of IMGM Tatsamenie Lake property (was Rush property by Tack Corp)

ARIS Report No. 19259 describes a geochemistry program conducted on this area including 42 silt samples, 24 rock samples collected during Teck's 1989 summer assessment program. Rock float sample returned 370 ppb Au, 1.23 % Cu and 5.8 g/t Ag.

ARIS report No. 21718 report describes a 50-meter interval contour soil program and prospecting rock sample program conducted in 1991 including 194 soil samples 5 rock chip samples collected in this field

program. A quartz carbonate chalcopyrite vein float returned 1%+ Cu and one 10 cm quartz carbonate vein outcrop trending 30-degree NE dips SE at 52 degree returned 0.46% Cu.

Jason Zone-AS06 area- Southwest part of IMGM Tatsamenie Lake property (was Melta east and Rod occurrence by Solomon's exploration in 2005)

ARIS Report No.27771 dated May 2005 describes a work program carried out in 2005 summer consisting of rock and soil sampling programs of 24 rock grab samples and 117 contour soil samples both at Melta east and Rod occurrence (Claim 1021978 area) by Solomon Resources Limited. Melta east is an outstanding reddish gossan area, soil sample resulted Mo high to 118 ppm and high Arsenic value to 3751 ppm as well more locally Cu and Zn. rock samples returned high to 84 ppb Au. Only six rock chip samples taken from Rod occurrence returned high siver to 35.3 g/t and high Cu value to 7819 ppm.

IMGM has completed two DDH drill holes in 2018

Through to IP survey program conducted in 2016 at IMGM25 claim, then after IMGM got approved a drill program land use permit in late 2017, two diamond drill holes to test the IP chargeability anomalies were completed in 2018. The two drill holes intercepted pyrite alteration halo in andesite unit, where the pyrite occurs as fine-grained dissemination and parallel high density strings with pyrite percentage from 3 to 15% plus, contain associated chalcopyrite in quartz carbonate veinlets and locally patches (refer to assessment report in 2018 and 2019).

6.0 Geologic Setting and Mineralization

6.1.1 Regional Geology

Tatsamenie Lake property is regionally located within Stikine Terrane of intermountain belt of west Canadian Cordillera geographic Orogenic Belt. Stikine Terrane is Carboniferous to Early Jurassic (320-190 Ma) island Arc. After early to Middle Jurassic (190-178 Ma), there are related magmatic activities continued into the Tertiary. Late Triassic through Tertiary plutons intrude structurally imbricated Stikine and Cathe Creek Terranes.

The Tulsequah and Juneau map area, a 1/250,000 scaled geological map (published in 1971) of which is represented in Figure 3, features the rock originally defined as Stikine Arc and now referred to by the terrane assemblage term "Stikinia". Stikinia includes four tectonostratigraphic assemblages, namely the

Paleozoic-ages Stikine assemblage, several Triassic to Jurassic volcanic-plutonic arc complexes, the Middle to Late Jurassic Bowser overlap assemblage, and the tertiary Coast Plutonic Complex. All are well represented in the Tulsequah map area except for the Bowser assemblage, which is thought to be represented by an equivalent unit called the Laberge Group (refer to GSBC Website description).

Within the immediate project area, regional mapping (figure 3) has indicated a complex distribution of Upper Paleozoic rocks. All units are poorly age-constrained and revisions to the stratigraphic ordering will likely be made as a result of future mapping programmers (description refer to Blackwell's (1991) report on Galico's Metla Property)

The oldest map units (including legend symbols 1, 2, and 3,) in the area are Permian or older limestone, mudstone, and chert, probably equivalent to the Stikine assemblage, exposed to the southeast in the Golden Bear Mine area. These units area complexly folded and faulted, and are also cut by numerous intrusive (?) bodies of peridotite, serpentine, gabbro, and pyroxenite.

Lower Triassic units (legend symbol 4) include mudstone, cherts, subordinate limestone and mafic to intermediate volcanic rocks (, greenstone). Small bodies of peridotite, serpentine and other mafic to ultramafic intrusive rocks may be locally abundant.

Large stocks and batholiths of diorite, quartz diorite, and granodiorite (legend symbols 6), of probable lower or Middle Triassic age have been observed to intrude the older rock units.

The Upper Triassic Stuhini Group (Legend symbols 7 and 8) comprises a monotonous sequence of greenstone, either basalt or andesite flows and pyroclastic breccia, tuff plus minor interbedded mudstone, wacke and chert. Stuhini Group units are thought to be the major unit underlying the Metla Property.

Northeast of the Metla is an isolated klippe (?) of Upper Triassic Sinwa Formation (legend symbol 9). This unit is a valuable regional marker, being distinct in its appearance and composed to thin-bedded limestone, chert and sandstone.

Lower and Middle Jurassic Laberge group, takwahoni Formation (legend symbol 11) is present north of Trapper Lake, Part of a regionally extensive unit trending both to the northwest and southeast. The Takwahoni comprises conglomerate, sandstone, and greywacke.

Upper Jurassic to Early Augite Diorite is noted south of the property, near Tatsamenie Lake (Legend symbol 14). This unit comprises an extensive unit of subaerial rhyolite, dacite and trachyte pyroclastic

breccia, tuff and subordinate flows. Possibly co-magmatic quartz-feldspar porphyry plugs and dykes (legend symbol 15), and stocks of quartz monzonite (legend symbol 16) are also present, notably east and southeast of the Metla Property.

The significant of Stikinia lies in the fact that it hosts mines and mineral deposits throughout northwestern British Columbia including the Premier and Big Missouri gold deposits and the Granduc copper massive sulphide deposits (Stewart area), the Jonny Mountain and Snip gold mines and the Esky Creek gold-rich polymetallic massive sulphide deposits (Iskut River and Unik Rivers areas), and bulk tonnage coppergold deposits (galore creek area, Schaft Creek Area), Closer to the project area the golden bear mine (gold) and former producers Polaris Taku (gold), Tulsequah Chief, and Big Bull mine copper.

6.1.2 Regional structure

The regional structure is dominated by a broad open fold trending southerly from Tatsamenie Lake, affecting Lower Triassic and Paleozoic units in the south, and a strongly developed units in the south, and a strongly developed northwest trending fold sequence affecting Cretaceous and older units. The older north-trending pattern of folding is thought to be the result of the Tahltania Orogeny, which left a marked hiatus or unconformity at the base of the Upper Triassic Stuhini Group. The Younger northwest-trending pattern of period of southeast-directed thrust faulting along the king salmon Fault. This latter period of deformation occurred at the close of the "Jurassic".



Figure 3-1 Regional Geology Map

	LEGEND	
	QUATERNARY PLEISTOCENE AND RECENT	
	19 Fluviatile gravel, sand, silt; glacial outwash, till, alpine moraine and undifferentiated colluvium; 19a. landslides	
ZOIC	TERTIARY AND QUATERNARY LATE TERTIARY AND PLEISTOCENE LEVEL MOUNTAIN GROUP	
CENO	18 Basalt, olivine basalt, related pyroclastic rocks; in part younger than some of 19	
	17 HEART PEAKS FORMATION: rusty-weathering trachyte and rhyolite flows, pyroclastic rocks, and related intrusions	
	CRETACEOUS AND TERTIARY LATE CRETACEOUS AND EARLY TERTIARY SLOKO GROUP	а К
	14 Light green, purple and white rhyolite, dacite, and trachyte flows, pyroclastic rocks, and derived sediments 15 16 Probably genetically related to 14; 15. Folsite, quartz-feldspar porphyry 16. Medium- to coarse grained, pink, biotite-hornblonde quartz morzonite	
	PRE-UPPER CRETACEOUS CENTRAL PLUTONIC COMPLEX: granodiorite, quartz diorite: minor diorite, louco-granite, migmatite and agmatite; age and relationship to 12 uncertain	
	JURASSIC AND/OR CRETACEOUS POST MIDDLE JURASSIC	10
	12 12a, hornblende-blotite granodiorite; 12b, blotite-hornblende quartz diorite; 12c, hornblende diorite; 12d, augite diorite. Age and relationship to 13 uncertain	A.B. A.S. MT 16
	JURASSIC LOWER AND MIDDLE JURASSIC LABERGE GROUP (10, 11)	NESSELRUDE
	11 TAKWAHONI FORMATION: granite-boulder conglomerate, cherl-pebble conglomerate, greywacke, quartzose sandstone, siltstone, shale	
DIC	10 INKLIN FORMATION: well bedded greywacke, graded siltstone and silty sandstone, pebbly mudstone, limy pebble conglomerate; 10a, limestone	X
MESO	TRIASSIC UPPER TRIASSIC	OGIL
	9 SINWA FORMATION: limestone; minor sandstone, argillite, chert	
	STUHINI GROUP (7, a) 7 B 7 A 8 8 8 8 8 8 8 8 8 8 8 9	
	LOWER OR MIDDLE TRIASSIC (?)	
	6 Fine- to medulum-grained, strongly tollated diorite, quartz diorite; and minor granodiorite; age uncertain	
	TRIASSIC AND EARLIER PRE-UPPER TRIASSIC Fine-grained, clastic sediments and intercalsted volcanic rocks, largely altered to greenstone and phylite; Quartz-atbite-amobibole oneiss:	
	Aa, mainiy chert, siate, argilitie; minor greenstone; 40, mainly green- stone; 40, iimestone, may include some 1	
OIC	PERMIAN Chiefly limestone and dolomitic limestone; minor chert, argillite, sandy limestone	~
TEOZ	PERMIAN (?)	
PA	1 2 1. Periodite, serpentile, small irregular bodies of gabbro and pyroxene diorite 2. Fine- to medium-grained gabbro and pyroxene diorite	
	A Diorite gneiss, amphibolite, migmatite; age unknown	
	A Diorite gneiss, amphibolite, migmatite; age unknown	

Figure 3-2 Regional Map-lithology Legend

Structure Legend

Geological boundary (defined, approximate, assumed)	····
Bedding, tops known (horizontal, inclined, vertical, overturned)	+ / / *
Bedding, tops unknown (inclined)	k
Primary flow structures in igneous rocks (inclined, vertical)	
Schistosity, gneissosity (inclined, vertical)	
Lineation (inclined)	1
Trend of complexly folded beds	
Fault (defined, approximate, assumed)	
Thrust fault (defined, assumed)	
Major dyke swarm	
Anticline (arrow indicates plunge)	······
Syncline	····· * *
Zone of hydrothermal alteration, silicification and pyritization	۱ ====
Fossil locality	©
Landslide scar	·····
Self-dumping ice-dammed lake	SDL
Mineral occurrence	×
Mineral property	*

MINERALS (Lode occurrences only)

Antimony Sb	Molybdenum Mo
Asbestos asb	Nickel Ni
Copper Cu	Silver Ag
Gold Au	Zinc
Lead Pb	

INDEX TO MINERAL PROPERTIES

1.	Polaris Taku	8.	Bing
2.	Tulsequah Chief	9.	FAE
3.	Big Bull	10.	Nan
4.	Ericksen-Ashby	11.	Elaine
5.	Red Cap	12.	Surveyor
6.	B.W.M.	13.	Council
7.	Thorn	14.	Baker

Geology by J.G. Souther 1958, 1959, 1960

To accompany G S C Memoir 362 by J.G. Souther

Geological cartography by the Geological Survey of Canada, 1969

Trail
Building
Horizontal control point
Boundary monument
International boundary
Intermittent stream
Alkali flat
Marsh
Contours (interval 500 feet)
Sand
Glacier
Height in feet above mean sea-level+525
Topographic base-map at the same scale published by the Army Survey Establishment in 1950-5 Names in quotation marks are in local usage but are subject to revision

Figure 3-3 Regional Map-Structure Legend

6.2 Property geology

The Tat target locates at west of Tatsamenie Lake property, it is centered over a Jurassic to Cretaceous aged hornblende diorite which has intruded sediments of the Lower to Mid Jurassic Takwahoni Group (Laberge Group), Upper Triassic Stuhini Group and pre-Upper Triassic Classic-volcanic units. The sedimentary rocks have also been intruded by a series of dykes and sills that are probably Tertiary in age.



Figure 4 Tat Property Geology Map (compiled based on GSBC Database and field observation) (refer to Appendix A for a high resolution map)

Mississippian Stikine assemblage (?) (Legend code **LCSv**) describes as undivided volcanic rocks was defined as Lower Triassic units (legend symbol 4 in 1/250,000 scaled geologic map published in 1971) include mudstone, cherts, subordinate limestone and mafic to intermediate volcanic rocks (greenstone).

Small bodies of perodotite, serpentit and other mafic to ultramafic intrusive rocks may be locally abundant. Large stocks and batholiths of diorite, quartz diorite, and granodiorite of probable lower or Middle Triassic age have been observed to intrude the older rock units.

The Upper Triassic Stuhini Group (Legend code UTSv) comprises a monotonous sequence of greenstone, either basalt or andesite flows and pyroclastic breccia, tuff plus minor interbedded mudstone, wacke and chert. Stuhini Group units are thought to be the major unit underlying the Metla Property.

Northwest of the Property is an isolated klippe (?) of Upper Triassic Sinwa Formation (legend code UTSLst). This unit is a valuable regional marker, being distinct in its appearance and composed to thinbedded limestone, chert and sandstone.

Lower and Middle Jurassic LaBerge group, takwahoni Formation (legend code LJTW) is present north of Tatsamenie lake Property, Part of a regionally extensive unit trending both to the northwest and northeast. The Takwahoni comprises conglomerate, sandstone, and greywacke.

Upper Jurassic to Early Triassic augite diorite is noted south of the property, near Tatsamenie Lake (Legend code LTRSD). This unit comprises an extensive unit of subaerial rhyolite, dacite and trachyte pyroclastic breccia, tuff and subordinate flows. Possibly co-magmatic quartz-feldspar porphyry plugs and dykes (legend symbol EESP), and stocks of quartz monzonite (legend symbol LKWqd) are also present.

6.3 Mineralization

The mineralization within the Chevron property (now owned by Von Einsiedel and Carl Alexander) locate at northeast Tatsamenie property was described in the 1983 assessment report as "The mineralization consists of veins of massive arsenopyrite, stibnite, quartz, chalcopyrite, galena, and sphalerite. The veins vary from 2-50 cm in width and are easily traceable over one hundred and fifty meters. In most cases they disappear under talus cover. Some veins are very consistent in width with limited changes while others have lensoid shape. The strike of the veins is a consistent 080 degrees with a steep variable dip. An apparent zoning has been established both along and across strike. Along strike, going from east to west, the vein mineral assemblage changes from arsenopyrite-stibnite-quartz to galena-chalcopyrite-sphaleritequartz. Across the strike of the veins, the mineralogy of the veins is consistent but once outside the zone that contains the vein the same orientation of fractures have been infilled with black calcite. This black calcite is vary indicative of approaching or moving away from mineralization".

Assays from rock samples taken of the vein observed by IMGM staffs indicate strongly anomalous Au grades (0.5 gram/ton). The vein is primarily 10-15 cm width located in fracture in the sedimentary. IMGM staffs did not observed the above-described mineralization veins within IMGM property.

The mineralization locates at west Tatsamenie property where in history work named as Sour property by Maple Resources Corp. at AS03 prospective area (II-2 by IMGM) showing vein type precious – base metal quartz carbonate vein type mineralization, this mineralization is structure controlled and host in intermediate to mafic volcanic breccia, tuff in Stuhini Group. In 2014, three rock sample collected from a 5 m by 5 m gossanous outcrop in sub alpine bush area returned Au high to 10.05 g/t, and silver high to 249 g/t, Cu, Pb and Zn returned around 0.4% to 1.26% generally, detailed assay for precious and base metal assay refer to Table 3 and Appendix A for Assay certificates.

In 2015 and 2016, IMGM has discovered II-1 Cu, Au, Ag mineralization site at northwest of Tat zone, where the mineralization explored with in a north to south creek, is described as disseminated to massive sulfide mineralization within a broad structure zone in andesite. Grab rock samples returned Au high to 0.78 g/t, Ag high to 129g/t, Cu high to 0.74%. Shovel and pickaxe work has explored a 10-meter cross area shows the mineralization that is widely spread and still covered at its four orientations.

2018 diamond drill program defined strong propylitic alteration assembly including blabs patches, vein type epidote, chlorite, silica and pyrite alteration with pyrite percentage up to 10-15 % in rock volume locally. Sheeted parallel pyrite quartz strings and veinlets cut through andesitic tuff and tuffaceous siltstone drill core in a longer interval from 100-meter depth to 250 meter depth, late stage calcite and iron carbonate veining over printing early stage propylitic alteration, trace blabs and disseminated chalcopyrite observed locally with propylitic alteration, may indicate outside halo of a large porphyry copper Gold system (?).

7.0 Deposit types

7.1 Vein type precious- base metal mineralization

At this early stage of exploration, the visible exploration targets within the Chevron claims (now owned by Von Einsiedel and Carl Alexander) within AS01 area of Tatsamenie lake property are for a discrete set of gold bearing arsenopyrite-stibnite+ quartz –chalcopyrite-sphalerite-galena veins. IMGM property adjacent Chevron property shows the similar features of geology structure and mineralization. The AS03 prospective area at west of IMGM Tatsamenie Property observed vein type Au, Ag and base metal mineralized outcrops contain higher grade Au Ag and base metal minerals, Au high to 10.05 g/t, Ag high to 249 g/t; Cu, Pb, Zn returned range 0.4% to 1.26%, that is considered a kind of vein type precious- base metal mineralization. This mineralization fit in part of porphyry Cu, Au Ag, Mo mineralization system. Structure and mineralization features observed in IMGM Tatsamenie Lake property considerably fit the mineralization features in Golden Bear type sedimentary hosted structure controlled Au mineralization. Also some of the features observed in Tat zone of Tatsamenie Lake property somehow more close to Porphyry type low grade copper gold and silver mineralization type.

7.2 Porphyry type Cu-Au (Ag, Mo) mineralization

The Upper Triassic Stuhini Group volcanic sequence host bulk tonnage porphyry Cu, Au, (Ag and Mo) mineralization in porphyry copper gold system similar to that at Firesteel Resources Copper Creek property at 30 km south east of Tatsamenie Lake Property. Tatsamenie Property Stuhini Group host vein type precious and base metal mineralization that could be part of the porphyry mineralization system ever observed in other known porphyry deposit along Stikinia Terrane. Galore creek and Schaft porphyry type copper and gold mineralization. Brixton Metals discovered deep-sited high-grade Cu mineralization at its Camp Creek target just 15 km west of IMGM 25 claim, Brixton Metals news released one-hole THN21-183 drilled 976.52 m interval of 0.36% CuEq Incl. 55052m of 0.51% CuEq Incl. 117 m of 0.73% CuEq that encourage expectation of potential large tunnage of Cu Au porphyry system exist at depth.

8.0 2021 Exploration Data

8.1 Traverse line soil samples and outcrop prospecting

2021 soil sampling program collected 38 soil samples along four irregular travers line, and other two rock samples at a strongly sericite silica pyrite altered mega crystal granite (or monzogranite) outcrop along bank of a south to north trending creek. The sample location refers to Figure 5 and description refer to Appendix C 2021 Tat Zone Soil and Rock Sample Location and Description, their assay Certificates refer to Appendix B. Pass finder elements Au, Ag, Cu, and As assay result also refer to Figure 6, 7, 8, and 9.



Figure 5 Tat Zone Geology and Soil, Rock Sample Location Map



Figure 6 Tat zone Geology and Geochem Au in ppm Map



Figure 7 Tat zone Geology and Geochem Ag in ppm Map



Figure 8 Tat zone Geology and Geochem Cu in ppm Map



Figure 9 Tat zone Geology and Geochem As in ppm Map

8.2 Fly Camp Logistics and Team

Dease Lake town-based Tundra Helicopter Service helped deliver fly camp team to target site and arranged pick up after the program completed. The field part of the project went smooth and on schedule.

8.3 Soil and Rock Sample Result Descriptions

In Outcrop zone, part of the Outcrop zone refer to Photo 1, there are 17 soil samples, and two rock samples were taken, there are four samples returned anomalous Au value of 0.043, 0.031,

0.211 and 0.220 ppm at and to lower slope of the strongly sericite- silica-pyrite altered mega feldspar crystal granite outcrop. Two rock samples taken on the altered outcrops returns background Au value. As anomalies value high to 28.5 ppm and 36.1 ppm. All pass finder elements assay results from the soil and rock samples list in table below for reference, the red colored areas are the significant anomalous values for various elements including Au, Ag, Cu, Pb, Zn, As, Sb. Outcrop Zone and North Zone Geochem areas refer to Figure 10 Tat zone Soil Geochem Area map, the soil sample location and highlighted the significant anomalous path finder elements in Table 2 for Outcrop zone and Table 3 for North Zone.



Figure 10 Tat zone Soil Geochem Area map

Sample_ID	XNAD83Z08	YNAD83Z08	Au_ppm	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm	Туре
W606172	642576.63	6482317.4	0.002	0.07	45.7	10.7	84	10.9	0.69	Soil
W606173	642523.03	6482312	0.003	0.36	66.7	10.7	69	12.7	1.1	Soil
W606174	642500.31	6482287.9	0.043	1.26	307	76.8	377	36.1	13.7	Soil
W606175	642509.1	6482308.2	0.013	0.21	94.6	27.1	81	12.8	1.62	Soil
W606176	642472.46	6482368.1	N/A	0.32	54.7	34.7	54	9.8	1.39	Soil
W606177	642430.62	6482396	0.013	0.44	192	37.4	110	28.5	1.59	Soil
W606178	642344.69	6482367.7	0.01	0.08	62.2	6.6	57	10.5	0.92	Soil
W606179	642396.68	6482388.3	0.005	0.35	76.6	6.6	62	19.8	0.93	Soil
W606180	642406.75	6482456.8	0.221	0.72	584	33.6	357	10.2	2.95	Soil
W606181	642401.18	6482499	0.016	0.61	193	8.6	54	10.3	0.91	Soil
W606182	642448.92	6482491.7	0.009	0.39	65.5	11.7	46	12.2	1.1	Soil
W606183	642460.45	6482561.9	0.031	1.62	51.2	8.8	25	11.1	0.73	Soil
W606184	642521.54	6482571.4	0.005	0.19	165.5	7.3	54	9.1	0.85	Soil
W606185	642529.92	6482511.3	0.211	0.2	47.5	8.6	41	7	0.55	Soil
W606186	642497.45	6482456.6	0.004	0.41	51.9	9.7	55	8.2	0.58	Soil
W606187	642509.38	6482420.7	0.004	0.14	32.9	8.8	48	9.9	0.69	Soil
W606188	642522.01	6482378.5	0.001	0.12	46.4	8.3	92	6.5	0.47	Soil
W606199	642499.04	6482295.5	0.004	0.21	9.6	7.2	7	1.5	0.42	Rock
W606200	642490.28	6482317.9	0.0005	0.06	6.5	7.6	11	6.8	0.48	Rock

Table 2 Outcrop Zone Soil and Rock Sample Assay Results

While the North Zone returns relatively weaker geochemical anomalies

Table 3 North Zone Soil Sample Assay Results

Sample_ID	XNAD83Z08	YNAD83Z08	Au_ppm	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm	Туре
W606151	642930.64	6482727.2	0.007	0.21	89.8	7.1	121	7.7	0.72	Soil
W606152	642900.02	6482777.2	0.002	0.14	91	8.4	76	10.8	0.7	Soil
W606153	642856.37	6482827.5	0.005	0.11	21.4	8.9	54	6.4	0.43	Soil
W606154	642846.41	6482865.2	0.002	0.09	40.5	7.7	33	9.3	0.66	Soil
W606155	642810.02	6482883	0.003	0.02	62.4	5.4	44	7.4	0.58	Soil
W606156	642798.18	6482978.7	0.005	0.58	204	8	43	8.9	0.85	Soil
W606157	642760.21	6483040.1	0.0005	0.06	43.4	5.4	48	9.5	0.63	Soil
W606158	642716.45	6483077.5	0.003	0.28	75.2	10.4	59	13	0.97	Soil
W606159	642687.98	6483117.1	0.036	0.1	67.2	21	52	15.2	0.59	Soil
W606160	642664.24	6483164.6	0.005	0.1	29.3	8.2	42	13.3	0.65	Soil
W606161	642651.21	6483204.6	0.002	0.23	45	6.8	47	6.4	0.53	Soil
W606162	642597.36	6483203.6	0.003	0.2	58	10.7	86	8	0.7	Soil
W606163	642532.3	6483173.2	0.003	0.47	67.9	9.6	94	12.2	0.82	Soil
W606164	642567.58	6483112	0.006	0.12	53.6	6.4	41	6.8	0.58	Soil
W606165	642599.59	6483028.1	0.003	0.12	76.8	13.5	55	12.5	0.8	Soil
W606166	642628.99	6482960.1	0.003	0.05	36.7	8.4	44	9.9	0.66	Soil
W606167	642679.1	6482937.6	0.003	0.11	144	7.3	79	11.6	0.74	Soil
W606168	642708.79	6482893.5	0.001	0.16	54.1	8.2	56	11	0.87	Soil
W606169	642738.85	6482820	0.001	0.01	45.9	4	42	7.7	0.6	Soil
W606170	642736.08	6482745.6	0.002	0.33	30.2	8.9	22	8.5	0.59	Soil
W606171	642773.15	6482673.6	0.021	0.25	67.2	7.7	62	9.3	0.58	Soil



Photo 1 Outcrop Zone General View, Photo Toward NW,

see the orange-colored surface weathering surface of a sericite silica pyrite altered intrusion outcrop, some soil sample taken down slope returns significant anomalies of Au and Copper in soil.

9.0 Sampling Preparation, Analyses and Security

9.1 Soil and Rock Sampling

The 2021 soil samples were collected from pre-determined traverse line along northerly trending lines with 50- 100-meter sample spacing, and 100–150-meter line spacing, considering explore possibly northwest extension of the Au and polymetallic Geochem anomalies. 2 pickup rock samples collected at a strongly altered Mega feldspar crystal porphyritic granite outcrop.

Samples were collected using a hand auger or a hand pick with samples taken at various depths depending on the soil profile that are quite variable depending on area, slope aspect, slope steepness and vegetation types. Maximum sampling depths were limited to 125 centimeters (auger length), and all samples were collected as close as possible to the weathered bedrock surface –C horizon. All A horizon organic material was discarded, and the sample materials ranged from B horizon to C horizon (talus fines) based on location and commonly represented 40–80-centimeter intervals. Sample number, handheld GPS location

co-ordinates, depth and several geologic/geomorphologic parameters were collected on data sheets- and later transferred to digital spreadsheets. All sample locations were marked with flagging in the field. The rock samples are taken as the same assay method with soil samples.

Samples were submitted to ALS Laboratories, the North Vancouver Labs in British Columbia for 30 g FA/ICP-AES finish for gold plus 48 elements Ultra Trace Aqua Regia ICP-MS geochemical analysis. Analysis code as Au-ICP21, and ME-MS41. Sample location data, field description data and geochemical analytical data were uploaded into IMGM International Canada Inc. hard disk database.

As sample quantities is just 38 samples, so no field duplicates, no blank and no standard samples inserted in this batch sample submission. The quality control and assessment is just relay on Labs internal QA/QC procedure.

9.2 Quality Assurance and Quality Control Programs

QA/QC sample assessment is reliable to ALS lab assay report. Refer to Appendix B

10.0 Nearby Property

10.1 North American Corp - The Golden Bear Mine

The Golden Bear Mine (see figure 2) is located approximately 10 km south of the Tatsamenie Lake Property. Approximately 380,000 tonnes of ore were mined in 2000, the final year in which underground mining took place. There was limited production reported in 2001 and 2002 estimated to total 1040 kilograms of gold production that came from stockpiles and residual leaching. The mine closed in 2002.

The geology of the Golden Bear Mine is described in the B.C. MINFILE records as: "Mineralization consists of pyrite, trace arsenopyrite and scorodite, native gold, pyrrhotite, chalcopyrite in amygdules in lapilli and altered fuchsite-bearing(?) tuff, stibnite, tetrahedrite and hessite. Pyrite occurs as late stage veinlets and as earlier breccia matrix filling, fragments within breccias, wispy rims on silicified limestone fragments in breccia, and local laminations in fine bleached tuff. Locally, gypsum is associated with mineralization.

One deposit, the Bear Main, and two showings, the Fleece Bowl (104K 087) and the Totem Silica (104K 088) zones, occur along the major north trending structure. The deposits are about 1.5 kilometres apart and exploration and development is progressing from the south to north deposit. The Bear Main zone is a pod composed of silicified dolomitized limestone and brecciated and altered tuffs. The zone has been

traced by drilling along a length of 1 kilometre, across a width of 10 metres and to a depth of at least 200 metres. The dolomite locally displays a quartz stockwork with resistant veinlets of quartz. Heterolithic and monolithic breccias occur between the silicified dolomite and altered tuff. The hanging wall Bear fault cuts the tuffaceous rocks and is marked by a zone of black gouge. A thick section of ash, lapilli and crystal tuffs and mafic flows occur above the hanging wall. The lapilli tuff contains a chalcopyrite marker zone. A one metre wide dyke of black basalt (Tertiary) intrudes the mineralized zone.

Alteration minerals in the zone include quartz, dolomite and pyrite within the limestones and dolomite, kaolinite, sericite, illite, chlorite and pyrite in the metavolcanics. Age dating of sericite from the alteration zone, which gave an apparent age of 204 Ma plus or minus 7 Ma, suggests the main period of mineralization occurred in Early Jurassic (Fieldwork 1986)."

10.2 Firesteel Resources Ltd – Copper Creek Target

The Copper Creek property, owned by Firesteal Resources Inc. is located approximately 30 km southeast of the Tatsamanie lake Property. The property was optioned to Prosper Gold Ltd that carried a drilling program in 2014 defined 107 m grading 0.77% copper, 0.407 g/t gold and 1.02 g/t silver for a copper equivalent of 1% in drill hole S045 at Star targets, an earlier copper gold discovery was declared years ago. The property is described in the Firesteel Resources website as:

The 4000 Hectare property is situated 50 km northwest of Telegraph Creek and 6 km southeast of the Sheslay airstrip. The access road to the Golden Bear Mine is located 8 km to the southeast. The property covers an alklic porphyry copper gold target in the Stikine Arch area and is analogous to that which hosts the Galore creek (284 million tonnes of 0.67% copper. Red-Crish (120 million tonne of 0.58 % copper and 0.47 g/t goldand the GJ property owned by International Curator. The Copper Canyon deposit, which was recently optioned to Spectrum Resources, is in the same belt. A portion of the central Zone at copper Canyon hosts an estimated inferred of 35.7 million tonnes grading 0.75% copper 1.17 gram per tonne gold and 17.2 grams per tonne silver.

A unique characteristic of the porphyry (large low grade copper/gold deposit) system at copper Creek is that the parent rocks have been weathered through water and atmospheric exposure such that a 50-55 meter blanket overlays the parent rocks (hypogene sulphides). The blanket is called a supergene zone and the zone contains favorable copper/gold mineralization. Frequently supergene enrichment occurs at the base of the supergene zone being redeposit at the top of the present hypogene sulphides.

The supergene zone when mined in conjunction with the underlying hypogene zone can provide substantial economic benefits to an overall mining operation.

Previous work on the Copper creek Property has identified several significant targets. The Copper Creek target comprises a 530 by 940 meter Cu in soil anomaly (larger than 350 ppm) with coincident gold values up to 230 ppb. An open ended IP chargeability anomaly and magnetic anomaly is coincident with this Cu-in soil anomaly. Six holes were drilled in this area pror to 1970. The best intersection graded 0.49% copper over 43.6 meters including a 1.37 meter intersection of 2.6% copper and 4 g/t gold. The geochemical and geophysical anomalies are open to the south.

10.3 Brixton Metals Corp. - Thorn Project

Brixton is an exploration company focused on Thorn Project advancement of high-grade precious metal assets to feasibility. Brixton's Thorn project hosts a district scale Triassic to Cretaceous volcanoplutonic complex with several styles of mineralization related to porphyry and epithermal environments. Thorn target include sediment hosted gold, high-grade silver-gold-lead-zinc-bearing diatreme-breccia zones, high-grade gold-silver-copper veins and porphyry copper-gold-silver. The 28,000-hectare Thorn Project is located in the Sutlahine River area of northwestern British Columbia, Canada, approximately 105 km ENE from Juneau, AK. About 15 km northwest of Tatsamenie Lake property.

The resources model is based on 35 historical drill holes and 64 recent drill holes completed by Brixton. Most of the drilling by Brixton has concentrated on the Oban Zone with the majority of this taking place during the 2012-2013 exploration programs. Of the total drilling, 11,000 meters was directed to the Oban deposit, 2,160 meters was within the Talisker Zone and 2000 meters in the glenfiddich Zone.

Drill results in the Oban breccia zone have included 95.08m of 904 g/t AgEq and surface samples have returned 6,149 g/t Ag.

Highlights of 2014 Results

- The 3 zones combined total 21.5 Moz Ag EQ of inferred resources,
- All mineralized zones remain open pit expansion,
- Most of the inferred resources is open pit material,
- The sediment-hosted gold discovery in 2014 provides significant upside potential,
- Abundant high-grade gold-silver targets remain to be tested.

11.0 Interpretation and Conclusions

The Outcrop Zone is about 500 meter west extension from the 2018 DDH drill hole area where was drill intercepted strongly pyrite alteration halo occur. This soil program sampled over the Partial of the Outcrop zone returns 220 ppb and 211 ppb Au in soil and also high in Cu, Ag, Pb, Zn and As, Sb indicate a new west extension target after the 2018 drilled high chargeability target. The location of Outcrop Zone refer to Figure 10, Table 2 and Table 3 though the two rock pickup sample from the strongly leached iron stained sericite silica pyrite alteration outcrops returned background of Au and other pass finder elements value. While the North Zone soil samples returns weak Au and Cu anomalies in individual soil samples

Out crop zone is about 600-meter northwest from the 2018 exploration drill program at Tat zone, while the Tat zone target has just defined large intervals of propylitic alteration zone in andesite volcanic unit with highly pyrite percentage in strings and dissemination, late stage calcite and iron carbonate alteration overprinting former propylitic alteration. The high percentage of disseminated pyrite occur could cause high chargeability and low resistivity anomalies by IP survey. Low Cu, Au, Ag assay result discourage further exploration, But the high pyrite alteration halo may indicate a closer step to the higher chalcopyrite core center could be drilled nearby.

The potential to define large tonnage of the buried Cu Au mineralization porphyry more likely based on the current soil anomalies and drill hole logging.

12.0 Expenditures

The results of the smaller soil and rock prospecting work have conducted by IMGM International Mining Canada Inc. (this expenditure is agreed to invested by Terrainplus Exploration Ltd). This assessment report just related to one claim IMGM25 which covers an area of 16.94 sqkm, however IMGM International owns other 13 continuous claims sum up to 233.13 sqkm in all has no chance to explore on at this time because of the Covid 19 pandemic throughout Canada, China, and all over the whole. IMGM meets the difficulties to raise enough investment for funding mineral exploration program at this time. The time frame spend over this claim is limited in between mid of August. This report covers the expenditure at Wanjin Yang's own discretion for this assessment report sum up to CAN\$**32,196.46** in all covered by Terrainplus Exploration Ltd.

Expenditure details are listed in Table 3 Tat zone mineral exploration expenditure in July 2021 below.
Table 4 Tat zone exploration program expenditure in July 2021

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Wanjin Yang - Chief Geologist	11 days @ \$650/ day	11	\$650.00	\$7,150.00	
Boyu Yang - Field Technician and Safety	11 days @ \$350/ day	11	\$350.00	\$3,850.00	
				\$11,000.00	\$11,000.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	ALS Minerals, North Vancouver	1	\$2,165.00	\$2,165.00	
Rock	Petrology Analysis	1	\$166.20	\$166.20	
				\$2,331.20	\$2,331.20
Transportation: Air		No.	Rate	Subtotal	
Helicopter (hours)	Tundra Heli Service	4.80	\$2,000.00	\$9,600.00	
Fuel (litres/hour)	Tundra Heli Service	4.80	\$300.00	\$1,440.00	
					\$11,040.00
Transportation: Ground		No.	Rate	Subtotal	
Vehicle Rental (Including Insurance & Mileage)	11 days @ \$150/day	11	\$150.00	\$1,650.00	
Fuel	Gas Consumption	1	\$488.00	\$488.00	
				\$2,138.00	\$2,138.00
Accommodation & Food	Rates per day				
Food and Hotel	• •	1	\$1,330.00	\$1,330.00	
Grocery	(Total Amount for the duration)	1	\$867.12	\$867.12	
Generator & Accessories		1	\$1,404.00	\$1,404.00	
Cook Stove Propane & Others		1	\$535.73	\$535.73	
Sleeping Materlas & Tents		1	\$1,414.42	\$1,414.42	
				\$5,551.27	\$5,551.27
Communications					
RigStar Smithers	rental	2	\$55.00	\$110.00	
Enreach	rental	1	\$100.00	\$100.00	
				\$210.00	\$210.00
Equipment Rentals					
Field Supplies	Sample Bags, Flagging, Markers	1	\$263.99	\$263.99	
Other (Specify)			·		
				\$263.99	\$263.99
GIS and Report					
Primary Data Compilation & Writing, Data Management	Wanjin (3 days @ \$600/day)	3	\$600.00	\$1,800.00	
			\$0.00	\$0.00	
				\$1,800.00	\$1,800.00
TOTAL Expenditures					\$34,334.46

13.0 References

ALS Laboratory Group, 2021. ALS Website showing ISO 9001:2000 accreditation, http://www.alsglobal.com/mineralQualityAssurance.aspx.

BC Ministry of Energy and Mines online database and BCMEM Minfile Listing: http://www.empr.gov.bc.ca/Mining/Geoscience/geoData/Pagers/default.aspx

Brixton Metals Thorn property description http://www.brixtonmetals.com/2021

Firesteel Resources Ltd Star Property at Sheslay area description <u>http://www.firesteelresources.com/#!sheslay-property/cszc</u>

Inside Technical report by Wanjin Yang Oct 2018, Claims Assessment report on Geology, Grid Soil and Rock Sample Geochemistry at The Tat target within IMGM Tatsamenie Lake Property

Minfile No. 104K 079 ARIS Report No. 11497: Brown, D. and Walton, G. October, 1983. Assessment Report, Geological and Geochemical Survey. Vein claims, Atlin Mining Division, Tatsamenie Lake Area, B.C. Chevron Canada Resources Limited.

ARIS Report No.17910: Freeze, J.C., Robb, W.D., Weatherill, J.F/, Dynes, W.J., dated March, 1988 and describes the 1987 work program carried out by Stetson Resource Management and Waterford Resources Ltd. as consisting of geological mapping, prospecting and soil sampling. A total of 401 soil samples were collected at 25 meter intervals along grid lines in the central part of the property and along two soil lines. In addition a total of 141 rock samples were collected of which 124 samples were sent for analysis.

ARIS Report No.21779: Kiesman, W., dated October 1991 describes the 1991 work program carried out by Waterford Resources Inc. as consisting of geological mapping, grid based soil geochemistry and geophysics comprising ground magnetic and VLF-EM surveys. A total of were collected from various mineralized zones and a total of 667 soil samples and were collected at 25 meter spaced intervals on flagged grid lines used for 23.8 km of ground magnetic and VLF-EM surveys.

ARIS Report No.27761: Aspinall, C. dated December 2004 describes a small work program carried out in 2004 by Solomon Resources Ltd. consisting of 16 rock and 63 soil samples.

ARIS Report No. 32358: C. Von Einsiedel detaed Jun 30th 2011 describes a 2007-2011 five years historical data compilation, 12 rock and silt sample were collected and a technical report produced.

ARIS Report No. 19259: Gary SChellenberg dated October 1989 describes an exploration program including 42 silt samples and 24 rock samples. Reported for Teck Corporation.

ARIS Report No. 21718: A.I. Betmanis dated October 1991describes a contour soil program that collected 194 soil samples. 5 rock chip samples collected with one returned elevated Cu to 1+% occur in a 10 cm quartz carbonate vein.

Appendix D

D.1 Statement of qualifications, Wan Jin Yang B Sc in Geology

I, Wan Jin Yang, B. Sc. in Geology, an employee of IMGM International Mining Canada Inc. Resident at 1383 Lynn Valley Rd. North Vancouver BC, do hereby certify that:

- I have worked primarily in geochemistry, geology survey, mineral exploration, mining, geological service in China, Australia and Canada since 1990.
- I am a registered Senior Geologist in China mining association system and a candidate for registration membership of Association of Professional Geoscientists of British Columbia with ID 164672.
- I graduated with the degree of Bachelor of Science in Geology from China University of Geoscience, 1990. I have ten years of exploration geochemistry, mineral exploration experience in China government geology, geochemical survey system and more than twelve years of commercial mineral exploration experience at Canadian mining industry. Worked as consulting geologist for Ivanhoe mines, High power exploration, Anthill resources Ltd, Minco Mining and Metals, Silver Corp, Whitehorse Gold Corp etc.
- I have upgraded my knowledge in geoscience and mineral exploration technology by domestic and international short study courses, tour and widely involving in mineral exploration since I graduated from university.
- I have read the definition of Mineral Act Regulation and Mineral Act and certify that by reason of my education, my past relevant work experience in Canadian mining industry. I fulfil the requirements to be a geologist for the purposes of dedicating my work in this assessment report.
- I am responsible for this assessment report dated April 20th, 2021.
- As of the date of this certificate, to the best of my knowledge, information and belief, the portion of the report for which I am responsible contains all scientific and technical information that is required to be disclosed to make the portion of the Assessment Report for which I am responsible not misleading.

Wan Jin Yang Bachelor Science Geology Dated this 20th day of April 2021







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Au-ICP21

Page: 1 Total # Pages: 2 (A - D) Plus Appendix Pages Finalized Date: 6-OCT-2021 This copy reported on 13-OCT-2021 Account: TERPEX

CERTIFICATE VA21220045

Project: Tat project Cu. Au.

This report is for 38 samples of Soil submitted to our lab in Vancouver, BC, Canada on 20-AUG-2021.

The following have access to data associated with this certificate:

WANJIN YANG

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21 LOG-22 SCR-41 DISP-01	Received Sample Weight Sample login – Rcd w/o BarCode Screen to –180um and save both Disposal of all sample fractions	
	ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Agua Regia ICP-MS	

Au 30g FA ICP-AES Finish

ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

Saa Traxler, General Manager, North Vancouver



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Page: 2 – A Total # Pages: 2 (A – D) Plus Appendix Pages Finalized Date: 6-OCT-2021 Account: TERPEX

Project: Tat project Cu. Au.

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W606151		0.54	0.007	0.21	1.28	7.7	<0.02	<10	80	0.27	0.05	0.49	0.92	9.91	9.5	46
W606152		0.48	0.002	0.14	1.81	10.8	<0.02	<10	100	0.36	0.07	0.68	1.56	9.96	14.6	61
W606153		0.40	0.005	0.11	1.36	6.4	<0.02	<10	140	0.17	0.16	0.42	0.23	11.00	6.8	47
W606154		0.40	0.002	0.09	2.75	9.3	<0.02	<10	40	0.26	0.07	0.21	0.15	7.41	7.1	82
W606155		0.54	0.003	0.02	1.74	7.4	<0.02	<10	30	0.21	0.05	0.31	0.09	8.66	11.1	49
W606156		0.36	0.005	0.58	1.90	8.9	<0.02	<10	490	0.65	0.11	1.65	3.65	15.85	12.0	82
W606157		0.44	<0.001	0.06	1.73	9.5	<0.02	<10	50	0.22	0.07	0.16	0.12	5.46	8.9	59
W606158		0.50	0.003	0.28	3.06	13.0	<0.02	<10	50	0.28	0.09	0.17	0.10	7.79	12.3	70
W606159		0.44	0.036	0.10	2.55	15.2	<0.02	<10	30	0.23	0.06	0.27	0.08	6.97	12.6	67
W606160		0.52	0.005	0.10	2.25	13.3	<0.02	<10	40	0.24	0.08	0.18	0.09	7.11	6.8	55
W606161 W606162 W606163 W606164 W606165		0.44 0.30 0.50 0.38 0.50	0.002 0.003 0.003 0.006 0.003	0.23 0.20 0.47 0.12 0.12	2.02 2.27 2.59 1.36 3.70	6.4 8.0 12.2 6.8 12.5	<0.02 <0.02 <0.02 <0.02 <0.02 0.08	<10 <10 <10 <10 <10	60 60 60 70 50	0.17 0.20 0.34 0.20 0.37	0.05 0.09 0.08 0.12 0.10	0.15 0.16 0.26 0.18 0.16	0.09 0.10 0.17 0.17 0.14	6.23 9.00 9.52 8.66 8.77	12.6 15.3 24.4 7.0 15.9	34 42 62 30 105
W606166 W606167 W606168 W606169 W606170		0.42 0.48 0.50 0.48 0.38	0.003 0.003 0.001 0.001 0.002	0.05 0.11 0.16 0.01 0.33	1.85 3.00 2.54 1.30 1.56	9.9 11.6 11.0 7.7 8.5	<0.02 <0.02 <0.02 <0.02 <0.02 <0.02	<10 <10 <10 <10 <10	30 90 60 30 30	0.18 0.54 0.25 0.25 0.14	0.17 0.10 0.08 0.04 0.09	0.27 0.29 0.29 0.36 0.16	0.07 0.12 0.13 0.17 0.07	7.34 9.07 8.60 9.55 6.77	11.8 21.7 13.7 11.7 4.4	51 78 53 47 49
W606171		0.44	0.021	0.25	1.41	9.3	<0.02	<10	100	0.34	0.16	0.38	0.46	10.50	7.6	40
W606172		0.50	0.002	0.07	1.67	10.9	<0.02	<10	100	0.24	0.09	0.27	0.23	11.25	17.4	63
W606173		0.44	0.003	0.36	2.10	12.7	<0.02	<10	60	0.16	0.57	0.19	0.19	8.92	17.4	121
W606174		0.48	0.043	1.26	0.79	36.1	0.04	<10	300	0.75	16.95	0.09	1.19	81.7	16.6	29
W606175		0.52	0.013	0.21	1.99	12.8	0.02	<10	450	0.81	6.32	0.22	0.41	41.4	26.6	69
W606176		0.40	NSS	0.32	1.41	9.8	<0.02	<10	150	0.20	1.48	0.09	0.08	32.2	6.8	54
W606177		0.62	0.013	0.44	2.33	28.5	<0.02	<10	150	0.39	0.18	0.76	0.55	16.35	23.9	74
W606178		0.42	0.010	0.08	2.01	10.5	<0.02	<10	60	0.25	0.05	0.39	0.12	9.52	18.4	104
W606179		0.54	0.005	0.35	1.85	19.8	<0.02	<10	70	0.38	0.08	0.57	0.15	20.2	13.2	103
W606180		0.50	0.221	0.72	2.46	10.2	0.25	<10	170	1.24	0.06	0.13	2.10	38.1	67.8	38
W606181		0.44	0.016	0.61	2.15	10.3	<0.02	<10	80	0.52	0.09	0.49	0.19	25.9	13.2	83
W606182		0.36	0.009	0.39	2.17	12.2	<0.02	<10	100	0.23	0.43	0.16	0.11	16.55	9.9	72
W606183		0.38	0.031	1.62	2.63	11.1	<0.02	<10	40	0.20	0.24	0.14	0.15	9.25	6.1	78
W606184		0.50	0.005	0.19	1.69	9.1	<0.02	<10	160	0.31	0.21	0.63	0.24	13.05	12.3	43
W606185		0.44	0.211	0.20	1.38	7.0	<0.02	<10	60	0.16	0.16	0.23	0.20	7.69	7.8	37
W606186		0.46	0.004	0.41	2.00	8.2	<0.02	<10	50	0.22	0.16	0.23	0.14	7.94	9.9	59
W606187		0.34	0.004	0.14	1.93	9.9	<0.02	<10	50	0.13	0.31	0.17	0.13	9.96	13.2	83
W606188		0.34	0.001	0.12	2.29	6.5	<0.02	<10	120	0.34	0.34	0.37	0.68	9.39	18.9	111



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Page: 2 – B Total # Pages: 2 (A – D) Plus Appendix Pages Finalized Date: 6-OCT-2021 Account: TERPEX

Project: Tat project Cu. Au.

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME–MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W606151		1.28	89.8	2.96	3.93	0.05	0.02	0.06	0.015	0.04	6.7	8.8	0.58	339	2.21	0.01
W606152		1.64	91.0	4.57	6.11	0.05	<0.02	0.08	0.025	0.03	6.0	11.9	0.64	786	1.78	0.01
W606153		1.97	21.4	3.86	10.95	<0.05	0.02	0.02	0.021	0.04	5.3	6.2	0.43	644	2.40	0.01
W606154		1.63	40.5	6.26	6.74	<0.05	0.05	0.06	0.033	0.02	3.2	9.4	0.49	309	1.08	0.01
W606155		1.27	62.4	3.01	3.74	<0.05	0.05	0.03	0.017	0.03	3.6	13.4	0.75	398	0.36	0.01
W606156		4.60	204	2.65	6.56	0.11	0.04	0.18	0.017	0.06	26.7	10.2	0.46	3350	7.03	0.02
W606157		2.68	43.4	4.72	6.78	<0.05	0.02	0.08	0.020	0.04	2.5	14.6	0.62	220	0.52	0.01
W606158		4.68	75.2	8.01	9.03	<0.05	0.04	0.05	0.045	0.05	3.1	22.7	0.76	601	0.97	0.01
W606159		1.96	67.2	4.14	6.04	<0.05	0.03	0.05	0.024	0.04	3.1	14.4	1.15	333	0.56	0.01
W606160		1.51	29.3	5.27	8.06	<0.05	0.02	0.04	0.028	0.03	3.1	9.0	0.44	275	0.71	0.01
W606161 W606162 W606163 W606164 W606165		3.55 3.14 4.57 2.69 3.13	45.0 58.0 67.9 53.6 76.8	5.13 6.17 6.71 4.26 8.19	7.33 10.80 9.37 8.04 10.45	<0.05 <0.05 <0.05 <0.05 <0.05	<0.02 <0.02 0.04 <0.02 0.06	0.03 0.03 0.03 0.03 0.03 0.04	0.029 0.028 0.037 0.021 0.044	0.04 0.07 0.08 0.04 0.04	2.4 3.5 3.6 3.9 3.5	18.2 18.0 29.9 8.5 15.5	0.71 0.97 1.27 0.47 0.90	1640 645 1220 458 708	0.59 0.78 0.88 0.86 1.25	0.01 0.01 0.01 0.01 0.01
W606166		1.76	36.7	4.48	5.70	<0.05	0.03	0.02	0.025	0.03	2.9	12.0	0.73	680	0.48	0.01
W606167		3.75	144.0	5.66	8.06	<0.05	0.05	0.03	0.038	0.06	3.3	30.3	1.41	591	0.76	0.01
W606168		2.47	54.1	5.62	10.35	<0.05	0.04	0.02	0.029	0.04	3.6	17.9	0.92	495	0.82	0.01
W606169		0.80	45.9	3.00	3.14	<0.05	0.05	0.02	0.014	0.03	4.1	9.6	0.60	397	0.33	0.01
W606170		1.32	30.2	3.88	6.78	<0.05	<0.02	0.02	0.020	0.02	3.0	4.2	0.26	172	1.06	0.01
W606171		1.59	67.2	2.94	5.04	<0.05	<0.02	0.05	0.018	0.03	6.8	9.3	0.42	370	4.43	0.01
W606172		1.79	45.7	4.82	5.84	<0.05	<0.02	0.03	0.029	0.05	2.9	15.8	0.78	549	0.70	0.01
W606173		2.60	66.7	5.85	7.27	<0.05	<0.02	0.06	0.037	0.05	3.9	13.8	1.51	481	1.94	0.01
W606174		7.87	307	8.59	2.11	0.10	0.03	0.18	0.352	0.10	44.1	3.9	0.26	936	44.5	0.01
W606175		5.15	94.6	6.62	5.22	0.07	0.03	0.03	0.030	0.07	19.7	13.8	0.95	910	18.50	0.01
W606176		5.89	54.7	4.92	4.04	<0.05	<0.02	0.08	0.020	0.09	18.4	4.2	0.51	297	17.25	0.01
W606177		3.31	192.0	5.24	6.64	0.08	0.05	0.06	0.036	0.12	7.8	22.1	1.84	1180	0.67	0.02
W606178		2.28	62.2	4.34	5.98	<0.05	<0.02	0.05	0.020	0.05	4.0	17.7	1.59	684	1.17	0.01
W606179		3.84	76.6	4.03	5.61	0.05	0.03	0.06	0.028	0.05	7.9	17.3	0.93	549	2.38	0.01
W606180		2.62	584	16.30	5.02	0.19	0.08	0.25	0.039	0.03	24.1	16.6	0.89	9900	11.20	0.01
W606181 W606182 W606183 W606184 W606185		7.54 2.00 2.14 2.18 1.51	193.0 65.5 51.2 165.5 47.5	4.09 4.41 4.47 3.91 3.74	4.71 7.39 9.43 5.16 5.52	0.07 <0.05 <0.05 0.05 <0.05	0.04 <0.02 <0.02 <0.02 <0.02	0.09 0.05 0.11 0.04 0.03	0.027 0.025 0.041 0.031 0.020	0.05 0.08 0.03 0.06 0.05	11.2 8.3 4.5 6.5 3.4	19.6 11.4 9.1 14.7 7.4	0.86 0.76 0.38 0.74 0.51	846 316 187 497 413	1.04 3.65 4.11 3.52 6.51	0.01 0.01 0.02 0.01
W606186		2.38	51.9	3.28	6.44	<0.05	<0.02	0.04	0.027	0.04	3.8	15.6	0.73	330	1.70	0.01
W606187		2.69	32.9	4.65	9.46	<0.05	<0.02	0.04	0.026	0.04	4.9	9.8	0.83	1210	1.90	0.01
W606188		4.35	46.4	4.14	7.61	<0.05	<0.02	0.03	0.034	0.05	5.7	22.2	1.32	739	7.32	0.01



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Project: Tat project Cu. Au.

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W606151		0.18	21.4	950	7.1	3.1	0.001	0.02	0.72	4.8	0.4	0.2	24.8	<0.01	0.02	0.3
W606152		0.30	22.4	1000	8.4	5.1	<0.001	0.03	0.70	3.2	0.7	0.3	37.5	0.01	0.02	<0.2
W606153		2.60	13.6	740	8.9	8.2	<0.001	0.02	0.43	2.7	0.2	1.1	25.7	<0.01	0.03	0.3
W606154		1.07	14.7	780	7.7	3.6	<0.001	0.03	0.66	4.5	0.7	0.3	11.6	0.02	0.03	0.5
W606155		0.29	23.3	850	5.4	4.2	<0.001	0.01	0.58	4.1	0.3	0.2	13.5	<0.01	0.02	0.6
W606156		0.32	16.0	1400	8.0	6.9	0.004	0.12	0.85	9.4	1.8	0.3	97.4	0.01	0.04	<0.2
W606157		0.50	20.3	630	5.4	7.3	<0.001	0.01	0.63	3.9	<0.2	0.3	11.8	<0.01	0.03	0.5
W606158		0.64	19.3	1760	10.4	8.7	<0.001	0.02	0.97	6.2	0.4	0.4	10.8	0.01	0.03	0.9
W606159		0.49	33.8	1060	21.0	5.0	<0.001	0.02	0.59	3.8	0.5	0.3	12.6	0.01	0.01	0.3
W606160		0.86	14.9	1170	8.2	5.6	<0.001	0.02	0.65	4.0	0.2	0.4	11.9	0.01	0.03	0.8
W606161		0.27	14.7	1070	6.8	6.8	<0.001	0.01	0.53	3.2	0.2	0.3	9.8	<0.01	0.02	<0.2
W606162		0.84	19.2	1110	10.7	9.9	<0.001	0.01	0.70	5.5	0.2	0.5	8.1	<0.01	0.02	0.4
W606163		0.64	29.4	2080	9.6	14.6	<0.001	0.01	0.82	6.6	0.3	0.4	10.8	<0.01	0.03	0.7
W606164		0.40	12.9	1140	6.4	6.7	<0.001	0.01	0.58	2.9	0.2	0.4	10.5	<0.01	0.03	0.3
W606165		1.06	38.2	990	13.5	6.7	<0.001	0.03	0.80	7.2	0.7	0.4	6.8	0.02	0.04	1.0
W606166 W606167 W606168 W606169 W606170		0.29 0.32 0.78 0.22 0.50	19.5 42.4 21.2 22.1 10.2	1810 1110 1060 950 610	8.4 7.3 8.2 4.0 8.9	5.3 13.4 8.3 2.6 2.8	<0.001 <0.001 <0.001 <0.001 <0.001	0.01 0.01 0.01 0.01 0.03	0.66 0.74 0.87 0.60 0.59	3.9 6.8 5.3 3.7 1.6	0.2 0.3 <0.2 <0.2 0.5	0.2 0.3 0.5 <0.2 0.4	12.6 13.6 14.3 16.6 11.7	<0.01 <0.01 <0.01 <0.01 <0.01	0.02 0.02 0.03 0.01 0.03	0.6 0.6 0.7 <0.2
W606171		0.28	13.3	670	7.7	4.6	0.001	0.03	0.58	3.7	0.5	0.2	24.7	<0.01	0.04	0.2
W606172		0.23	21.8	520	10.7	8.7	<0.001	0.03	0.69	3.5	<0.2	0.2	20.6	<0.01	0.02	<0.2
W606173		0.22	68.8	940	10.7	7.8	<0.001	0.03	1.10	3.9	<0.2	0.3	11.1	<0.01	0.16	<0.2
W606174		0.14	11.8	2060	76.8	6.1	<0.001	0.09	13.70	4.5	0.6	0.3	11.9	<0.01	5.56	24.0
W606175		0.26	32.6	870	27.1	6.4	<0.001	0.05	1.62	7.8	0.4	0.2	15.8	<0.01	2.32	8.1
W606176		0.13	20.1	1200	34.7	7.7	<0.001	0.09	1.39	1.3	0.4	0.3	9.0	<0.01	0.51	0.9
W606177		0.10	43.9	1240	37.4	5.6	<0.001	0.02	1.59	13.4	0.2	0.3	25.5	<0.01	0.06	0.9
W606178		0.19	51.1	980	6.6	5.4	<0.001	0.04	0.92	3.9	0.3	0.3	16.7	<0.01	0.02	<0.2
W606179		0.30	26.9	1050	6.6	4.6	0.001	0.06	0.93	6.1	1.1	0.3	25.9	<0.01	0.02	0.2
W606180		0.18	28.8	1030	33.6	1.9	<0.001	0.03	2.95	39.5	1.1	0.2	7.2	0.01	0.08	0.6
W606181		0.20	30.0	1120	8.6	3.5	<0.001	0.04	0.91	8.4	0.9	0.3	21.4	<0.01	0.03	0.4
W606182		0.43	26.5	870	11.7	5.0	<0.001	0.02	1.10	5.4	0.3	0.4	10.5	<0.01	0.12	1.6
W606183		1.08	11.4	580	8.8	5.0	<0.001	0.03	0.73	4.9	0.7	0.5	10.1	<0.01	0.07	0.4
W606184		0.25	23.2	920	7.3	5.9	0.001	0.02	0.85	5.7	0.3	0.2	33.7	<0.01	0.06	0.4
W606185		0.28	13.1	690	8.6	4.6	<0.001	0.02	0.55	2.4	<0.2	0.3	12.2	<0.01	0.03	<0.2
W606186		0.31	20.4	580	9.7	5.5	<0.001	0.03	0.58	3.2	0.2	0.3	12.5	<0.01	0.04	<0.2
W606187		0.64	24.2	680	8.8	5.7	<0.001	0.03	0.69	3.0	0.2	0.6	11.4	<0.01	0.06	<0.2
W606188		0.20	44.4	880	8.3	8.3	<0.001	0.05	0.47	2.4	0.3	0.4	22.0	<0.01	0.04	<0.2



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units	ME-MS41 Ti %	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm	
bampie Becemption	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5	
W606151		0.038	0.03	0.38	84	0.15	13.15	121	<0.5	
W606152		0.045	0.04	0.45	128	0.17	8.95	76	<0.5	
W606153		0.156	0.04	0.27	130	0.17	2.10	22	1.0	
W606154		0.078	0.03	0.41	80	0.15	3.35	33 44	1.4	
W606155		0.036	0.12	1 11	74	0.12	72.4	42	0.6	
W606150		0.038	0.12	0.23	142	0.12	72.4 2 19	43	0.8	
W606158		0.051	0.07	0.35	197	0.36	2.13	59	1 1	
W606158		0.066	0.04	0.36	107	0.16	2.89	52	0.7	
W606160		0.048	0.03	0.30	147	0.16	2.25	42	0.9	
W606161		0.028	0.05	0.18	135	0.56	1.88	47	< 0.5	
W606162		0.063	0.06	0.22	188	0.44	2.30	86	<0.5	
W606163		0.058	0.07	0.26	179	0.40	3.14	94	1.4	
W606164		0.042	0.08	0.28	133	0.18	1.63	41	<0.5	
W606165		0.083	0.07	0.50	199	0.30	3.63	55	1.8	
W606166		0.040	0.04	0.28	125	0.18	2.75	44	0.6	
W606167		0.072	0.05	0.28	145	0.45	4.33	79	1.2	
W606168		0.095	0.05	0.29	183	0.24	2.94	56	1.1	
W606169		0.047	0.02	0.27	86	0.12	3.71	42	1.2	
W606170		0.046	0.03	0.36	114	0.16	1.84	22	<0.5	
W606171		0.035	0.03	1.42	87	0.13	9.45	62	<0.5	
W606172		0.043	0.03	0.35	121	0.16	3.77	84	<0.5	
W606173		0.047	0.05	0.48	154	0.26	2.29	69	<0.5	
W606174		0.007	0.09	14.50	30	0.37	9.40	377	1.6	
W606175		0.033	0.07	4.93	99	4.49	10.05	81	1.1	
W606176		0.012	0.12	1.93	75	0.31	2.49	54	<0.5	
W606177		0.088	0.05	0.36	130	0.36	12.55	110	1.5	
W606178		0.041	0.04	0.29	119	0.29	3.89	57	<0.5	
W606179		0.034	0.03	1.16	121	0.35	16.50	62	0.6	
W606180		0.031	0.06	1.37	437	10.90	65.8	357	1.5	
W606181		0.026	0.03	0.68	109	0.32	30.1	54	0.7	
W606182		0.035	0.07	0.67	116	0.27	3.13	46	<0.5	
W606183		0.063	0.05	0.56	151	0.31	2.65	25	<0.5	
W606184		0.050	0.04	0.44	107	1.31	10.05	54	<0.5	
W606185		0.053	0.04	0.28	114	0.23	2.70	41	<0.5	
W606186		0.052	0.06	0.36	112	0.23	2.72	55	<0.5	
W606187		0.079	0.06	0.37	172	0.21	1.84	48	<0.5	
W606188		0.028	0.07	0.79	124	0.20	5.27	92	<0.5	



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Project: Tat project Cu. Au.

	CERTIFICATI	E COMMENTS	
		ANALYTICAL COMMENTS	
Applies to Method:	NSS is non-sufficient sample. ALL METHODS		
Applies to Method:	Gold determinations by this method are semi-quantitat ME-MS41	tive due to the small sample weight used (0.5g).	
		LABORATORY ADDRESSES	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Au-ICP21 DISP-01 SCR-41 WEI-21	Hwy, North Vancouver, BC, Canada. LOG-22	ME-MS41



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Au-ICP21

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QC CERTIFICATE VA21220045

Project: Tat project Cu. Au.

This report is for 38 samples of Soil submitted to our lab in Vancouver, BC, Canada on 20-AUG-2021.

The following have access to data associated with this certificate:

WANJIN YANG

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login – Rcd w/o BarCode	
SCR-41	Screen to -180um and save both	
DISP-01	Disposal of all sample fractions	
·		
	ANALYTICAL PROCEDURES	5
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41	Ultra Trace Agua Regia ICP-MS	

Au 30g FA ICP-AES Finish

ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

Saa Traxler, General Manager, North Vancouver



To: TERRAINPLUS EXPLORATION LTD. 1383 LYNN VALLEY RD. NORTH VANCOUVER BC V7J 2A7

Page: 2 – A Total # Pages: 4 (A – D) Plus Appendix Pages Finalized Date: 6-OCT-2021 Account: TERPEX

Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
							STAN	DARDS								
EMOG-17 Target Range - Lower Upper KIP-19 Target Range - Lower Upper MRGeo08 Target Range - Lower Upper OREAS 682 Target Range - Lower Upper OREAS 684 OREAS 684 Target Range - Lower Upper OREAS 905 Target Range - Lower Upper OREAS 920 Target Range - Lower Upper OREAS-45h OREAS-45h Target Range - Lower Upper PK03 Target Range - Lower Upper PMP-18 Target Range - Lower Upper	LOD Bound Bo	2.52 2.48 2.28 2.58 0.078 0.261 0.248 0.232 0.264 0.232 0.264 0.232 0.264	0.49 0.49 0.45 0.58 0.10 0.07 0.12	1.53 1.45 1.79 2.63 2.44 3.00 0.79 0.73 0.91 2.30 2.18 2.68	29.8 29.8 28.4 35.0 5.1 4.2 5.3	0.02 0.85 0.77 0.99 <0.02 <0.02 0.04 0.04 0.35 0.33 0.45 <0.02 <0.02 0.04	<10 <10 <10 20 <10 <10 20 <10 <10 20 <10 <10 20	230 200 300 80 230 200 300 70 50 110	0.37 0.32 0.56 0.72 0.67 0.95 0.80 0.78 1.08 0.62 0.59 0.87	5.29 5.32 6.52 0.62 0.58 0.73 5.00 4.97 6.10 0.61 0.60 0.76	0.96 0.87 1.09 1.13 1.00 1.24 0.33 0.29 0.38 0.32 0.28 0.37	18.80 18.35 22.5 2.09 2.01 2.47 0.30 0.30 0.30 0.38 0.07 0.04 0.08	38.7 37.6 46.0 69.2 66.2 81.0 71.6 69.7 85.3 68.7 64.8 79.2	743 680 832 18.0 17.0 21.0 12.6 12.4 15.4 14.0 13.4 16.6	45 42 54 90 81 102 16 15 20 48 37 48	5.95 5.57 6.91 9.98 9.40 11.60 11.60
SK33 Target Range – Lower Upper TAZ-20	Bound Bound	4.05 3.80 4.28 0.310														



Sample Description

Target Range – Lower Bound

Target Range – Lower Bound

Target Range – Lower Bound

Upper Bound

Upper Bound

FMOG-17

KIP-19 KIP-19

MRGeo08

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ME-MS41

Fe

%

0.01

4.61

4.18

5.14

3.66

3.22

3.96

3.38

3.14

3.86

3.61

3.26

4.00

10.80

5.72

5.45

6.77

6.65

6.12

7.60

0.29

0.10

< 0.05

0.22

0.10

< 0.05

0.22

0.83

0.94

1.02

1.29

0.53

0.48

0.63

0.10

0.02

< 0.01

0.04

<0.01

< 0.01

0.02

0.179

0.523

0.517

0.643

0.027

0.019

0.043

1.40

0.31

0.28

0.36

0.40

0.37

0.47

ME-MS41

Cu

ppm

0.2

8350

7780

8960

618

587 675

1500

1450

1670

111.5

102.0

118.0

Method

Analyte

Units

LOD

To: TERRAINPLUS EXPLORATION LTD. 1383 LYNN VALLEY RD. NORTH VANCOUVER BC V7J 2A7

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VA21220045

Project: Tat project Cu. Au.

QC CERTIFICATE OF ANALYSIS

ME-MS41 Ga Ge Ηf Hg In Κ La Li Mg Mn Мо Na Nb % % % ppm 0.05 0.05 0.02 0.01 0.005 0.01 0.2 0.1 0.01 5 0.05 0.01 0.05 **STANDARDS** 6.02 0.14 0.41 0.54 0.835 0.66 18.5 16.6 0.79 635 1035 0.16 1.30 595 5.56 0.08 0.39 0.46 0.814 0.60 18.3 17.2 0.69 971 0.15 1.24 6.90 0.53 0.64 1.005 22.9 21.2 0.87 739 1185 0.20 0.30 0.76 1.80 9.05 0.16 0.66 0.06 0.146 1.29 34.6 32.1 1.19 417 13.60 0.34 0.97 8.73 0.07 0.64 0.04 0.137 1.12 33.2 29.6 1.03 378 13.10 0.30 0.75

41.0

35.3

34.7

42.9

33.6

33.3

41.1

36.4

4.4

4.0

5.2

20.8

19.0

23.4

1.29

0.15

0.13

0.19

1.10

0.93

1.15

473

329

310

390

513

454

566

16.10

2.97

2.65

3.35

0.68

0.26

0.50

0.39

0.09

0.07

0.12

0.02

< 0.01

0.04

1.13

0.27

0.18

0.44

0.33

0.21

0.47

Upper Bound OREAS 682 Target Range – Lower Bound Upper Bound

OREAS 684 OREAS 684

Target Range – Lower Bound

Upper Bound OREAS 905 Target Range – Lower Bound

Upper Bound OREAS 920 Target Range – Lower Bound

Upper Bound OREAS-45h

OREAS-45h

Target Range – Lower Bound

Upper Bound PK03 Target Range – Lower Bound

Upper Bound PMP-18

Target Range – Lower Bound Upper Bound

SK33 Target Range – Lower Bound

TAZ-20

Upper Bound



To: TERRAINPLUS EXPLORATION LTD. 1383 LYNN VALLEY RD. NORTH VANCOUVER BC V7J 2A7

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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME–MS41 Ti % 0.005
							STAN	IDARDS								
EMOG-17 Target Range – Lower Upper KIP-19 KIP-19	⁻ Bound Bound	7650 6930 8470	730 680 850	7120 6510 7950	69.0 66.5 81.5	0.292 0.287 0.353	3.13 2.90 3.56	676 574 776	4.4 4.3 5.5	5.9 5.5 7.2	1.8 1.5 2.6	48.8 47.5 58.5	0.01 <0.01 0.03	1.25 1.16 1.44	9.4 9.3 11.8	0.206 0.188 0.240
Target Range – Lower Upper MRGeo08 Target Range – Lower Upper OREAS 682	Bound Bound Bound Bound	704 622 760	970 900 1130	1055 959 1175	137.0 132.0 162.0	0.009 0.006 0.010	0.30 0.27 0.35	3.05 2.80 3.90	6.9 6.7 8.4	0.7 0.6 1.5	3.1 2.8 4.0	73.7 72.1 88.5	0.01 <0.01 0.03	0.02 <0.01 0.04	20.8 19.1 23.7	0.381 0.338 0.424
Target Range – Lower Upper OREAS 684 OREAS 684 Target Range – Lower Upper	Bound Bound Bound Bound															
OREAS 905 Target Range – Lower Upper OREAS 920 Target Range – Lower Upper OREAS-45h	^r Bound Bound ^r Bound Bound	9.7 7.8 10.0 39.7 34.4 42.4	230 200 260 690 610 770	16.3 14.4 18.0 21.1 19.2 23.9	17.4 16.3 20.1 22.4 22.2 27.4	<0.001 <0.001 0.002 <0.001 <0.001 0.002	0.06 0.04 0.09 0.03 <0.01 0.05	1.10 0.83 1.23 0.76 0.45 0.77	1.6 1.5 2.0 2.6 2.5 3.3	1.8 1.8 2.8 0.2 <0.2 0.6	1.1 0.8 1.7 1.0 0.6 1.6	11.3 10.9 13.7 16.5 15.0 18.8	<0.01 <0.01 0.03 0.01 <0.01 0.02	0.06 0.04 0.09 0.02 <0.01 0.04	7.5 7.4 9.4 14.4 13.6 17.0	0.020 0.008 0.030 0.114 0.106 0.140
OKEAS-45n Target Range - Lower Upper PK03 Target Range - Lower Upper PMP-18 Target Range - Lower Upper SK33 Target Range - Lower Upper TAZ-20	Bound Bound Bound Bound Bound Bound Bound Bound															



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
							STAN	IDARDS
EMOG-17 Target Range – Lower Upper KIP-19	r Bound Bound	1.79 1.71 2.37	2.59 2.57 3.25	60 58 74	1.90 1.65 2.35	10.80 10.20 12.60	7290 6780 8290	12.6 10.6 15.5
KIP-19 Target Range – Lower Upper	r Bound ^r Bound							
MRGeo08 Target Range – Lower Upper	r Bound r Bound	0.74 0.64 0.92	5.17 4.93 6.13	97 90 112	2.50 2.44 3.42	18.70 17.50 21.5	782 708 870	21.0 18.1 25.7
OREAS 062 Target Range – Lower Upper OREAS 684 OREAS 684 Target Range – Lower Upper	^r Bound ^r Bound ^r Bound ^r Bound							
OREAS 905 Target Range – Lower	r Bound	0.11	2.07 1.92	5	0.50	6.56 6.32	67 56	40.2 39.9
Upper OREAS 920 Target Range – Lower Upper	^r Bound ^r Bound ^r Bound	0.15 0.14 0.09 0.20	2.46 1.93 1.89 2.42	8 23 21 28	0.73 0.45 0.31 0.61	7.84 16.55 15.80 19.40	72 107 93 119	55.1 20.3 17.6 25.0
OREAS-45h OREAS-45h Target Range - Lower Upper PK03	r Bound Bound							
Target Range – Lower Upper PMP-18 Target Range – Lower	r Bound r Bound r Bound							
SK33 Target Range – Lower	Bound Bound							
TAZ-20	bound -							



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
							STAN	DARDS								
TAZ-20 Target Range – Lower Upper	r Bound ^r Bound	0.302 0.283 0.321														
							BLA	ANKS								
BLANK BLANK BLANK Target Range – Lower Upper BLANK BLANK Target Range – Lower Upper	r Bound ⁻ Bound r Bound ⁻ Bound	<0.001 0.001 <0.001 <0.001 0.002	<0.01 <0.01 <0.01 0.02	<0.01 <0.01 <0.01 0.02	0.1 <0.1 <0.1 0.2	<0.02 <0.02 <0.02 0.04	<10 <10 <10 20	<10 <10 <10 20	<0.05 <0.05 <0.05 0.10	<0.01 <0.01 <0.01 0.02	<0.01 <0.01 <0.01 0.02	<0.01 <0.01 <0.01 0.02	<0.02 <0.02 <0.02 0.04	<0.1 <0.1 <0.1 0.2	<1 2 <1 2	<0.05 <0.05 <0.05 0.10
							DUPL	ICATES								
ORIGINAL DUP Target Range – Lower Upper	r Bound ⁻ Bound		0.02 0.02 <0.01 0.03	0.98 1.02 0.94 1.06	6.8 6.8 6.4 7.2	<0.02 <0.02 <0.02 0.04	<10 <10 <10 20	50 50 40 60	0.52 0.51 0.44 0.59	0.08 0.08 0.07 0.09	16.65 17.15 16.05 17.75	0.11 0.11 0.09 0.13	5.44 5.67 5.26 5.85	5.2 5.3 4.9 5.6	16 17 15 18	2.86 3.07 2.77 3.16
ORIGINAL DUP Target Range – Lower Upper	r Bound ⁻ Bound	<0.001 0.001 <0.001 0.002														
ORIGINAL DUP Target Range – Lower Upper	r Bound r Bound	<0.001 <0.001 <0.001 0.002														



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Page: 3 – B Total # Pages: 4 (A – D) Plus Appendix Pages Finalized Date: 6-OCT-2021 Account: TERPEX

Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
							STAN	DARDS								
TAZ-20 Target Range – Lower Upper	r Bound ^r Bound															
							BLA	ANKS								
BLANK BLANK BLANK Target Range – Lower Upper	r Bound ^r Bound															
BLANK BLANK Target Range – Lower Upper	r Bound ^r Bound	<0.2 <0.2 <0.2 0.4	<0.01 <0.01 <0.01 0.02	<0.05 <0.05 <0.05 0.10	<0.05 <0.05 <0.05 0.10	<0.02 <0.02 <0.02 0.04	<0.01 <0.01 <0.01 0.02	<0.005 <0.005 <0.005 0.010	<0.01 <0.01 <0.01 0.02	<0.2 <0.2 <0.2 0.4	0.1 0.1 <0.1 0.2	<0.01 <0.01 <0.01 0.02	<5 <5 <5 10	<0.05 <0.05 <0.05 0.10	<0.01 <0.01 <0.01 0.02	<0.05 <0.05 <0.05 0.10
							DUPL	ICATES								
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound	1.7 1.7 1.4 2.0	1.23 1.27 1.18 1.32	2.15 2.16 2.00 2.31	<0.05 <0.05 <0.05 0.10	0.03 0.04 <0.02 0.04	0.01 0.01 <0.01 0.02	0.019 0.018 0.013 0.024	0.04 0.04 0.03 0.05	9.0 9.1 8.4 9.7	12.6 13.4 12.3 13.8	0.96 1.00 0.92 1.04	179 186 168 197	0.42 0.43 0.35 0.50	<0.01 0.01 <0.01 0.02	<0.05 0.06 <0.05 0.10
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound															
ORIGINAL DUP Target Range – Lower Upper	r Bound ′ Bound															



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
							STAN	DARDS								
TAZ-20 Target Range – Lower Upper	r Bound r Bound															
							BLA	ANKS								
BLANK BLANK BLANK Target Range – Lower Upper	r Bound r Bound		10			0.001	0.01	0.05					0.01	0.01		0.005
BLANK BLANK		<0.2 0.2	<10 <10	<0.2	<0.1 <0.1	<0.001	<0.01	<0.05	<0.1	<0.2 <0.2	<0.2 <0.2	<0.2 <0.2	<0.01	<0.01	<0.2	<0.005
Target Range – Lowe Upper	r Bound r Bound	<0.2 0.4	<10 20	<0.2 0.4	<0.1 0.2	<0.001 0.002	<0.01 0.02	<0.05 0.10	<0.1 0.2	<0.2 0.4	<0.2 0.4	<0.2 0.4	<0.01 0.02	<0.01 0.02	<0.2 0.4	<0.005 0.010
							DUPL	ICATES								
ORIGINAL		8.0	30	6.1	4.5	<0.001	<0.01	0.63	3.2	0.2	0.5	40.3	<0.01	0.02	1.9	<0.005
DUP Target Range – Lower	r Bound	8.3 7.5	30 20	6.1 5.6	4.8 4.3	<0.001 <0.001	0.01 <0.01	0.65	3.3 3.0	<0.2 <0.2	0.5	41.3 38.6	<0.01 <0.01	0.01 <0.01	1.9 1.6	0.005 <0.005
Upper	r Bound	8.8	40	6.6	5.0	0.002	0.02	0.74	3.5	0.4	0.7	43.0	0.02	0.02	2.2	0.010
ORIGINAL DUP Target Range – Lower Upper	r Bound r Bound															
ORIGINAL DUP Target Range – Lower Upper	r Bound r Bound															



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Project: Tat project Cu. Au.

QC CERTIFICATE OF ANALYSIS VA21220045 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 Method ТΙ U V W Υ Zn Zr Analyte ppm ppm ppm ppm Units ppm ppm ppm Sample Description 0.02 0.05 1 0.05 0.05 2 0.5 LOD **STANDARDS** TAZ-20 Target Range – Lower Bound Upper Bound **BLANKS** BLANK BLANK BLANK Target Range – Lower Bound Upper Bound BLANK < 0.02 <0.05 <1 < 0.05 < 0.05 <2 <0.5 <0.02 <0.05 <0.05 <0.05 <2 <0.5 BLANK <1 Target Range – Lower Bound < 0.02 < 0.05 <1 <0.05 < 0.05 <2 <0.5 Upper Bound 0.04 0.10 2 0.10 0.10 4 1.0 DUPLICATES ORIGINAL 0.05 0.19 18 0.32 14.70 10 0.8 19 11 0.9 DUP 0.06 0.20 0.34 14,50 Target Range – Lower Bound 0.03 0.14 17 0.26 13.80 8 <0.5 20 1.0 Upper Bound 0.08 0.25 0.40 15.40 13 ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
ORIGINAL DUP Target Range – Lower Upper	r Bound r Bound	<0.001 <0.001 <0.001 0.002					DUPL	ICATES								
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound	0.015 0.019 0.015 0.019														
W606156 DUP Target Range – Lower Upper	r Bound ^r Bound		0.58 0.56 0.53 0.61	1.90 1.89 1.79 2.00	8.9 9.2 8.5 9.6	<0.02 <0.02 <0.02 0.04	<10 <10 <10 20	490 490 440 540	0.65 0.61 0.55 0.71	0.11 0.11 0.09 0.13	1.65 1.61 1.54 1.72	3.65 3.64 3.45 3.84	15.85 15.90 15.05 16.70	12.0 12.2 11.4 12.8	82 80 76 86	4.60 4.81 4.42 4.99
W606160 DUP Target Range – Lower Upper	r Bound r Bound	0.005 0.001 0.002 0.004														
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound	<0.001 <0.001 <0.001 0.002														
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound	0.001 0.003 <0.001 0.003														
ORIGINAL DUP Target Range – Lower Upper	r Bound Bound	0.002 0.003 <0.001 0.004														



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME–MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
ORIGINAL DUP Target Range – Lower Upper	^r Bound ⁻ Bound						DUPL	ICATES								
ORIGINAL DUP Target Range – Lower Upper	Bound Bound															
W606156 DUP Target Range – Lower Upper	^r Bound Bound	204 201 195.0 210	2.65 2.64 2.50 2.79	6.56 6.50 6.15 6.91	0.11 0.10 <0.05 0.16	0.04 0.03 <0.02 0.04	0.18 0.20 0.17 0.21	0.017 0.020 0.013 0.024	0.06 0.06 0.05 0.07	26.7 26.9 25.3 28.3	10.2 10.2 9.6 10.8	0.46 0.45 0.42 0.49	3350 3270 3140 3480	7.03 7.05 6.64 7.44	0.02 0.02 <0.01 0.03	0.32 0.31 0.24 0.39
W606160 DUP Target Range – Lower Upper	· Bound · Bound															
ORIGINAL DUP Target Range – Lower Upper	⁻ Bound ⁻ Bound															
ORIGINAL DUP Target Range – Lower Upper	⁻ Bound ⁻ Bound															
ORIGINAL DUP Target Range – Lower Upper	Bound Bound															



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
ORIGINAL DUP Target Range – Lower Upper	r Bound ^ Bound						DUPL	ICATES								
ORIGINAL DUP Target Range – Lower Upper	r Bound ⁻ Bound															
W606156 DUP Target Range – Lower Upper	r Bound ^r Bound	16.0 15.8 14.9 16.9	1400 1400 1320 1480	8.0 7.9 7.4 8.5	6.9 7.2 6.6 7.5	0.004 0.003 0.002 0.005	0.12 0.12 0.10 0.14	0.85 0.82 0.72 0.95	9.4 9.5 8.9 10.0	1.8 1.9 1.6 2.1	0.3 0.3 <0.2 0.4	97.4 96.3 91.8 102.0	0.01 0.01 <0.01 0.02	0.04 0.03 0.02 0.05	<0.2 <0.2 <0.2 0.4	0.036 0.037 0.030 0.043
W606160 DUP Target Range – Lower Upper	r Bound ^r Bound															
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound															
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound															
ORIGINAL DUP Target Range – Lower Upper	r Bound ^r Bound															



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Project: Tat project Cu. Au.

QC CERTIFICATE OF ANALYSIS VA21220045 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 Method ТΙ U V W Υ Zn Zr Analyte ppm ppm ppm ppm Units ppm ppm ppm Sample Description 0.02 0.05 1 0.05 0.05 2 0.5 LOD DUPLICATES ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound 0.12 74 72.4 43 W606156 1.11 0.12 0.6 DUP 0.13 1.09 74 0.12 71.0 42 0.5 69 Target Range – Lower Bound 0.10 1.00 0.06 68.1 38 <0.5 Upper Bound 0.15 1.21 79 0.18 75.3 47 1.0 W606160 DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range - Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound



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Project: Tat project Cu. Au.

	CERTIFICATE COMMENTS	
	ANALYTICAL COMM	ENTS
Applies to Method:	NSS is non-sufficient sample. ALL METHODS	
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sat ME-MS41	nple weight used (0.5g).
	LABORATORY ADDR	ESSES
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, Au-ICP21 DISP-01 I SCR-41 WEI-21	3C, Canada. .OG-22 ME-MS41



NORTH VANCOUVER BC V7J 2A7

To: TERRAINPLUS EXPLORATION LTD.

1383 LYNN VALLEY RD.

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CERTIFICATE VA21220046

Project: Tat project Cu. Au.

This report is for 2 samples of Rock submitted to our lab in Vancouver, BC, Canada on 20-AUG-2021.

The following have access to data associated with this certificate:

WANJIN YANG

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging – ClientBarCode
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
DISP-01	Disposal of all sample fractions
	ANALYTICAL PROCEDURES

	ANALT TICAL PROCEDURES	
ALS CODE	DESCRIPTION	INSTRUMENT
ME–MS41 Au–ICP21	Ultra Trace Aqua Regia ICP-MS Au 30g FA ICP-AES Finish	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

Saa Traxler, General Manager, North Vancouver



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	WEI–21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
W606199 W606200		1.28 1.14	0.004 <0.001	0.21 0.06	0.31 0.31	1.5 6.8	<0.02 <0.02	<10 <10	150 140	0.12 0.16	1.72 1.41	0.03 0.10	0.02 0.02	26.4 26.0	1.4 2.3	3 3



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME–MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
W606199 W606200		1.81 1.43	9.6 6.5	2.03 2.10	0.83 0.97	<0.05 <0.05	0.08 0.11	0.01 0.01	0.005 <0.005	0.26 0.21	15.3 14.7	0.3 0.4	0.02 0.02	24 83	12.10 2.57	0.01 0.01



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
W606199 W606200		<0.05 <0.05	1.0 1.7	330 460	7.2 7.6	7.9 6.5	<0.001 <0.001	1.30 1.20	0.42 0.48	0.3 0.4	0.2 0.2	<0.2 <0.2	11.4 13.6	<0.01 <0.01	0.29 0.62	10.0 12.3



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5			
W606199 W606200		<0.005 <0.005	0.07 0.06	2.48 3.45	2 2	0.22 0.22	1.98 3.78	7 11	2.6 3.3			



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Project: Tat project Cu. Au.

		CERTIFICATE COMMENTS									
Applies to Method:	ANALYTICAL COMMENTS Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41										
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.										
Applies to Method.	ME-MS41	PUL-31	SPL-21	WEI-21							



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QC CERTIFICATE VA21220046

Project: Tat project Cu. Au.

This report is for 2 samples of Rock submitted to our lab in Vancouver, BC, Canada on 20-AUG-2021.

The following have access to data associated with this certificate:

WANJIN YANG

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
LOG-21 Sample logging - ClientBarCode								
CRU–31 Fine crushing – 70% <2mm								
SPL-21 Split sample - riffle splitter								
PUL-31	Pulverize up to 250g 85% <75 um							
DISP-01	Disposal of all sample fractions							
ANALYTICAL PROCEDURES								

	ANALT TICAL PROCEDURES	
ALS CODE	DESCRIPTION	INSTRUMENT
ME–MS41 Au–ICP21	Ultra Trace Aqua Regia ICP-MS Au 30g FA ICP-AES Finish	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

Saa Traxler, General Manager, North Vancouver



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
							STAN	DARDS								
AMIS0281 Target Range – Lower Upper	Bound Bound	0.224														
MRGeo08 Target Range - Lower Upper OREAS 905 Target Range - Lower PK03 Target Range - Lower Upper PMP-18 Target Range - Lower Upper SK33 Target Range - Lower Upper	Bound Bound Bound Bound Bound Bound Bound Bound Bound Bound	5.18 4.73 5.34 0.313 0.289 0.327 4.14 3.80 4.28	4.30 4.00 4.92 0.67 0.45 0.58	2.64 2.44 3.00 0.79 0.73 0.91	34.4 29.6 36.4 33.0 28.4 35.0	<0.02 <0.02 0.04 0.39 0.33 0.45	<10 <10 20 <10 <10 20	450 370 530 240 200 300	0.78 0.67 0.95 0.94 0.78 1.08	0.70 0.58 0.73 5.46 4.97 6.10	1.11 1.00 1.24 0.35 0.29 0.38	2.30 2.01 2.47 0.38 0.30 0.38	72.0 66.2 81.0 77.3 69.7 85.3	19.0 17.0 21.0 13.8 12.4 15.4	93 81 102 17 15 20	10.50 9.40 11.60 1.33 1.05 1.39
							BLA	ANKS								
BLANK Target Range – Lower Upper BLANK Target Range – Lower	Bound Bound Bound	0.001 <0.001 0.002	<0.01 <0.01	<0.01 <0.01	<0.1 <0.1	<0.02 <0.02	<10 <10	<10 <10	<0.05 <0.05	0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.02 <0.02	<0.1 <0.1	<1 <1	<0.05 <0.05
Upper	Bound		0.02	0.02	0.2	0.04	20	20	0.10	0.02	0.02	0.02	0.04	0.2	2	0.10



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME–MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
							STAN	DARDS								
AMI\$0281																
Target Range – Lowe	r Bound r Bound															
MRGeo08	bound	642	3.74	9.72	0.16	0.73	0.06	0.155	1.30	36.1	31.0	1.21	427	14.30	0.33	0.81
Target Range – Lowe	r Bound	587 675	3.22 3.96	8.73 10.80	0.07 0.29	0.64 0.83	0.04	0.137	1.12 1.40	33.2 41.0	29.6 36.4	1.03 1.29	378 473	13.10 16.10	0.30 0.39	0.75
OREAS 905	bound	1595	3.56	6.74	0.11	1.22	0.02	0.590	0.31	39.5	4.2	0.15	357	3.22	0.09	0.30
Target Range – Lowe	r Bound	1450 1670	3.14 3.86	5.45 6.77	<0.05 0.22	1.02 1.29	<0.01 0.04	0.517 0.643	0.28 0.36	34.7 42.9	4.0 5.2	0.13 0.19	310 390	2.65 3.35	0.07 0.12	0.18 0.44
РКОЗ	bound	1070			0122	120			0.00	1210	012	0110			0112	
Target Range – Lowe	r Bound															
PMP-18	bound															
Target Range – Lowe	r Bound															
SK33	bound															
Target Range – Lowe Uppe	r Bound r Bound															
							BL/	ANKS								
BLANK																
Target Range - Lowe	r Bound															
BLANK	гвоила	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05
Target Range – Lowe	r Bound	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	<0.2	<0.1	<0.01	<5 10	<0.05	<0.01	<0.05
Opper	бойна	0.4	0.02	0.10	0.10	0.04	0.02	0.010	0.02	0.4	0.2	0.02	10	0.10	0.02	0.10



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Project: Tat project Cu. Au.

Method Analyte Sample Description LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
						STAN	IDARDS								
AMIS0281 Target Range – Lower Bound Upper Bound															
MRGeo08 Target Range – Lower Bound Upper Bound OREAS 905	733 622 760 9.3	1000 900 1130 240	1095 959 1175 17.1	143.5 132.0 162.0 17.9	0.008 0.006 0.010 <0.001	0.30 0.27 0.35 0.07	3.58 2.80 3.90 1.23	7.2 6.7 8.4 1.7	0.7 0.6 1.5 2.3	3.8 2.8 4.0 1.4	76.2 72.1 88.5 12.4	0.01 <0.01 0.03 <0.01	0.02 <0.01 0.04 0.08	21.4 19.1 23.7 8.8	0.389 0.338 0.424 0.020
Target Range – Lower Bound Upper Bound PK03 Target Range – Lower Bound Upper Bound PMP-18 Target Range – Lower Bound Upper Bound SK33 Target Range – Lower Bound Upper Bound	7.8 10.0	200 260	14.4 18.0	16.3 20.1	<0.001 0.002	0.04 0.09	0.83	1.5 2.0	1.8 2.8	0.8 1.7	10.9 13.7	<0.01 0.03	0.04 0.09	7.4 9.4	0.008 0.030
						BLA	ANKS								
BLANK Target Range – Lower Bound Upper Bound BLANK Target Range – Lower Bound Upper Bound	<0.2 <0.2 0.4	<10 <10 20	<0.2 <0.2 0.4	<0.1 <0.1 0.2	<0.001 <0.001 0.002	<0.01 <0.01 0.02	<0.05 <0.05 0.10	<0.1 <0.1 0.2	<0.2 <0.2 0.4	<0.2 <0.2 0.4	<0.2 <0.2 0.4	<0.01 <0.01 0.02	<0.01 <0.01 0.02	<0.2 <0.2 0.4	<0.005 <0.005 0.010



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	
							STAN	DARDS	
AMIS0281 Target Range – Lower Upper	Bound								
MRGeo08 Target Range – Lower Upper	Bound Bound	0.88 0.64 0.92	5.07 4.93 6.13	101 90 112	2.98 2.44 3.42	18.75 17.50 21.5	800 708 870	21.6 18.1 25.7	
OREAS 905 Target Range – Lower Upper PK03	Bound Bound	0.13 0.05 0.15	2.25 1.92 2.46	6 4 8	0.73 0.41 0.73	6.32 7.84	78 56 72	44.6 39.9 55.1	
Target Range – Lower Upper PMP–18	Bound Bound								
Target Range – Lower Upper SK33 Target Range – Lower Upper	Bound Bound Bound Bound								
							BLA	NKS	
BLANK Target Range – Lower Upper BLANK	Bound Bound	<0.02	<0.05	<1	<0.05	<0.05	<2	<0.5	
Target Range – Lower Upper	Bound Bound	<0.02 0.04	<0.05 0.10	2	<0.05 0.10	<0.05 0.10	<2 4	<0.5 1.0	


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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
							DUPL	ICATES								
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound	0.104 0.106 0.099 0.111														
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound	0.016 0.032 0.022 0.026														
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound	0.001 0.001 <0.001 0.002														
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound		0.11 0.11 0.09 0.13	1.99 2.05 1.91 2.13	26.6 27.8 25.7 28.7	<0.02 <0.02 <0.02 0.04	<10 <10 <10 20	220 230 200 250	1.14 1.22 1.07 1.29	0.14 0.15 0.13 0.16	0.66 0.67 0.62 0.71	0.23 0.24 0.21 0.26	38.3 40.0 37.2 41.1	23.7 24.4 22.7 25.4	45 45 42 48	1.80 1.90 1.71 1.99



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound						DUPL	ICATES								
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound															
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound															
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound	55.5 58.8 54.9 59.4	6.26 6.33 5.97 6.62	6.50 6.82 6.28 7.04	0.12 0.12 0.06 0.18	0.10 0.10 0.08 0.13	0.08 0.08 0.06 0.10	0.050 0.051 0.043 0.058	0.07 0.07 0.06 0.08	18.9 20.1 18.3 20.7	16.2 17.3 15.8 17.7	1.49 1.52 1.42 1.59	1320 1320 1250 1390	1.33 1.35 1.22 1.46	0.02 0.02 <0.01 0.03	0.60 0.53 0.47 0.66



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Project: Tat project Cu. Au.

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME–MS41 Ti % 0.005
							DUPL	ICATES								
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound															
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound															
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound															
ORIGINAL DUP Target Range – Lowe Uppe	r Bound r Bound	34.3 35.0 32.7 36.6	1270 1270 1200 1340	12.3 12.7 11.7 13.3	4.7 5.0 4.5 5.2	0.001 0.001 <0.001 0.002	0.10 0.10 0.09 0.12	1.89 1.94 1.72 2.11	10.3 10.8 9.9 11.2	0.2 <0.2 <0.2 0.4	1.2 1.2 0.9 1.5	33.7 36.2 33.0 36.9	0.01 0.01 <0.01 0.02	0.03 0.03 0.02 0.04	2.6 2.6 2.3 2.9	0.061 0.063 0.054 0.070



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Project: Tat project Cu. Au.

QC CERTIFICATE OF ANALYSIS VA21220046 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 ME-MS41 Method ТΙ U V W Y Zn Zr Analyte ppm ppm ppm ppm ppm Units ppm ppm Sample Description 0.02 0.05 1 0.05 0.05 2 0.5 LOD DUPLICATES ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL DUP Target Range – Lower Bound Upper Bound ORIGINAL 0.13 0.51 80 <0.05 19.55 114 6.0 0.51 81 0.14 5.7 DUP 0.14 20.1 115 0.43 4.9 Target Range – Lower Bound 0.10 75 < 0.05 18.80 107 Upper Bound 0.17 0.59 86 0.10 20.9 122 6.8



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		CERTIFICATE COMMENTS									
Applies to Method:	ANALYTICAL COMMENTS Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41										
Applies to Method:	Au-ICP21 ME-MS41	CRU-31 PUL-31	DISP-01 SPL-21	LOG-21 WEI-21							