



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT:** Silver Vista Property – Prospecting and Geology Report (REVISED)

**TOTAL COST:** Total \$97,550.19 (\$83,729.00 of assessment work and \$13,821.19 of PAC).

**AUTHOR(S):** Robert Weicker

**SIGNATURE(S):** "Robert Weicker"

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** MX-1-987

**STATEMENT OF WORK EVENT NUMBER(S)/ DATE (S):** 5678157 – December 17 2017

**YEAR OF WORK:** 2017

**PROPERTY NAME:** Silver Vista

**CLAIM NAME(S)** (on which work was done): 856772, 568283,568284,1029187, 1029186, 995427, 995439, 995445, 995452, 995448, 995452

**COMMODITIES SOUGHT:** Silver (Ag), Copper (Cu), Gold (Au), Lead (Pb) and Zinc (Zn)

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:** MINFILE 093M 148, 093M 018, 093M 019, 093M 195

**MINING DIVISION:** Omineca Mining Division

**NTS / BCGS:** 93M/02, 93M/03, 93M/06, 93M/07 / 93M.006, 93M.007, 93M.008, 93M.015, 93M.016, 93M.017, 93M.018, 93M.025, 93M.026, 93M.027, 93M.028, 93M.035, 93M.036, 93M.037, 93M.046

**LATITUDE:** 55 ° 11 ' 19 "

**LONGITUDE:** 126 ° 40 ' 53 " (at "MR" Minfile showing)

**UTM Zone:**09, (NAD 83)      **EASTING:** 647620      **NORTHING:** 6118020

**OWNER(S):** Amarc Resources Ltd. (100%) FMC # 146093

**OPERATOR(S)** [who paid for the work]: Multiple Metals Resources Ltd. / Glacier Lake Resources Ltd.

**MAILING ADDRESS:** Suite 2801-1166 Melville St., Vancouver, B.C. V6E 4P5

**REPORT KEYWORDS** (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**): Early Cretaceous Skeena group sedimentary rocks; Mid to Late Jurassic Bowser Lake Group and sedimentary and volcanic rocks; Early to Middle Jurassic Hazelton Group volcanic and sedimentary rocks; Middle to Late Triassic Tamla Group sedimentary and basaltic volcanic rocks; Late Cretaceous Bulkily intrusive rocks and Eocene Babine intrusive rocks.

<b>TYPE OF WORK IN THIS REPORT</b> Prospecting and geological mapping.	EXTENT OF WORK (in metric units) 4.7 ha	ON WHICH CLAIMS  856772, 568283,568284,1029187, 1029186, 995427, 995439, 995445, 995452, 995448, 995452	PROJECT COSTS  APPORTIONED (incl. support) <b>\$83,730</b>
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GEOLOGICAL (scale, area)

Ground, mapping	While prospecting and sampling, 1: 1,000 - 4.7 ha	\$20,930
Photo interpretation		

GEOPHYSICAL (line-kilometres)

Ground		
Magnetic		
Electromagnetic		
Induced Polarization		
Radiometric		
Other		
<b>Airborne</b> -		

GEOCHEMICAL (number of samples analysed for multi-element with a focus on silver, copper, gold, lead and zinc)

Soil	65 samples	\$18,835
Silt		
Rock	56 samples	\$18,835
Other		

DRILLING (total metres, number of holes, size, storage location)

Core	NA	
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Non-core		
RELATED TECHNICAL		
Sampling / Assaying		
Petrographic		
Mineralographic		
Metallurgic		
PROSPECTING (scale/area)	Scale 1:1,000 over 4.7 ha	<b>\$25,120</b>
PREPATORY / PHYSICAL		
Line/grid (km)		
Topo/Photogrammetric (scale, area)		
Legal Surveys (scale, area)		
Road, local access (km)/trail		
Trench (number/metres)		
Other		
	<b>TOTAL COST</b>	<b><u>\$83,730</u></b>

**Prospecting and Geological Mapping Report  
on the Silver Vista Property**

**August and September 2017**

**Omineca Mining Division**

**NTS: 93M/02, 93M/03, 93M/06, 93M/07**

**BCGS: 93M.006, 93M.007, 93M.008, 93M.015, 93M.016, 93M.017, 93M.018, 93M.025,  
93M.026, 93M.027, 93M.028, 93M.035, 93M.036, 93M.037, 93M.046**

**Centred at approximately**

**55°12'57" N Latitude 126°45'53" W Longitude**

**6,121,100 m N; 642,200 m E**

**UTM NAD 83, Zone 9**

**Owner: Amarc Resources Ltd.**

**Operator: Multiple Metals Resources Ltd./ Glacier Lake Resources Ltd.**

**Tenure Numbers: 856772, 568283, 568284, 586388, 586512 - 995325, 995328, 994405, 995413,  
995387, 995398, 995409, 995420, 995427, 995434, 995439, 995445, 995448, 995452 -  
1029183, 1029184, 1029186, 1029187, 1029188, 1029189, 1049299, 1049300, 1011344, 1011461,**

**By Robert Weicker (Multiple Metals Resources Ltd.),**

**For**

**Amarc Resources Ltd.**

**March 15, 2018**

**Revised October 10, 2018**

## 1.0 EXECUTIVE SUMMARY

During the summer and fall of 2017, two programs of prospecting and geological mapping were conducted over two different areas of the large Silver Vista property, located in northwestern British Columbia, in the Omineca Mining Division, approximately 55 km northeast of Smithers, B.C., (NTS map sheets 93M/02, 03, 06, and 07). The southeastern portion of the property hosts the main “MR” silver-copper prospect (Minfile 093M -195), and a program of prospecting and geological mapping was completed by a two-man geologist crew, employed by Mammoth Geological Ltd. The northwestern portion of the Silver Vista property covers gold and silver soil geochemical anomalies (designated the “Golden Vista” targets) resulting from work by Amarc Resources Ltd., in 2012-2013. A program of prospecting and geological mapping was completed by a three-man crew, employed by Exploration Facilitation Unlimited Inc., and assisted by the author, Robert Weicker.

Target	Rock samples	Soil samples	Total
Golden Vista	28	53	81
MR Showing Area	28	12	40
	56	65	121

Regional geology shows the Silver Vista property is dominated by Jurassic Hazelton Group volcanic and sedimentary rocks. Hazelton Group volcanic rocks are overlain by Cretaceous Bowser Lake and Skeena Group sedimentary and alkaline volcanic rocks.

The Silver Vista property at the time of the survey comprised 29 B.C. map claims, comprising 20,735.6 ha (207.3 square km), owned 100% by Amarc Resources Ltd (“Amarc”). Through an Option Agreement dated December 21, 2016, Multiple Metals Resources Ltd., has an option to acquire a 100% interest in the Silver Vista property, less an net smelter royalty (“NSR”) on the property, by completing a minimum of 3,000 meters of diamond drilling (or 6,000 meters of Reverse Circulation drilling), and by sharing a 25% interest of any consideration on arrangements with a Public Company for a period of five years. shall on or before

Glacier Lake Resources Inc. is earning a 100% interest, subject to 2.5% Net Smelter Return (NSR) Royalty, in the Silver Vista Property by making cash payments of \$230,000, issuing 750,000 shares and completing \$600,000 in exploration over the next three years.

Encouraging results were obtained in both the main “MR Showing” area, and in the Golden Vista area, and additional work is proposed. Diamond drilling is recommended on the “MR Showing” are and additional filed work to define drill targets is proposed for the Golden Vista targets.

## Table of Contents

Title Page .....	1
1.0 Executive Summary.....	5
2.0 Introduction and Terms of Reference.....	8
2.1 Participating Personnel.....	8
2.2 Terms, Definitions and Units.....	8
2.3 Source Documents.....	8
2.4 Scope.....	9
3.0 Property Description and Location.....	9
3.1 Location and Access.....	8
3.2 Physiography and Climate.....	13
3.3 Land Tenure.....	13
4.0 History.....	18
5.0 Geological Setting.....	23
5.1 Property Geology.....	26
6.0 Mineralization.....	27
7.0 Recent Exploration Program.....	31
7.1 Prospecting and Geological Mapping –“MR Showing” Area.....	31
7.0 Prospecting and Geological Mapping –“Golden Vista” Area.....	36
8.0 Interpretation and Conclusions.....	49
10.0 Discussion and Recommendations.....	50
11.0 References.....	52
12.0 Statement of Costs.....	54
13.0 Software used in the Program.....	56
14.0 Certification, Date and Signature.....	57
15.0 Appendices.....	58
Appendix A – Assay Certificates Soil Samples	
Appendix B – Assay Certificates Rock Samples	

### List of Illustrations

Figure 1 Property Location map.....	11
Figure 1 Regional Location map.....	12
Figure 2 Claim Map North Silver Vista Property.....	16
Figure 2.1 Claim Map South Silver Vista Property.....	17
Figure 2.2 Exploration Targets Silver Vista Property.....	18
Figure 3 Pre-Amarc Resources Ltd History.....	21
Figure 4 Regional Geology.....	24
Figure 5 Property Geology Map.....	25
Figure 6 Mineralization .....	30
Figure 7 Geology and Sampling “MR Showing” Area .....	33
Figure 7a “MR SHOWING” Area – Rock and soil Values .....	34
Figure 8 Golden Vista Work Area.....	38
Figure 9 Golden Vista Target-Rock Sample Locations and Values .....	39
Figure 9a Golden Vista Area – Rock Samples Gold Equivalent Values .....	40

Figure 9b Golden Vista Target GV-1 and 3 Soil Sample Locations and Values ..... 41  
 Figure 10 Golden Vista Target GV-3 and 5 Rock Sample Locations and Values..... 42  
 Figure 10a Golden Vista Target GV-3 and 5 Soil Sample Locations and Values..... 43  
 Figure 10b Golden Vista East Target Soil Sample Locations and Values..... 44

List of Tables

Table 1 List of Claims..... 13  
 Table 2 Table of 1991-1992 Drilling Summary..... 22  
 Table 3 Table of 1991-1992 Drilling Highlights..... 29  
 Table 4 “MR SHOWING AREA” -Sampling and Description..... 35  
 Table 5 Rock Sample- Golden Vista Area.....45-46  
 Table 6 Soil Sample Information - Golden Vista Area.....47-48

## **2.0 INTRODUCTION AND TERMS OF REFERENCE**

### **2.1 Participating Personnel**

This report describes the property and is based on historical information, previous assessment work, and two programs of prospecting and geological mapping completed in August and September 2017, over two different areas of the Silver Vista property. The southeastern portion of the property hosts the MR silver-copper prospect (093M -195), and a program of prospecting and geological mapping was completed by a two-man geologist crew, employed by Mammoth Geological Ltd. The northwestern portion of the Silver Vista property covers gold and silver soil geochemical anomalies (designated the “Golden Vista” targets) resulting from work by Amarc Resources Ltd., in 2012-2013. A program of prospecting and geological mapping was completed by a three-man crew, employed by Exploration Facilitation Unlimited Inc., and assisted by the author, Robert Weicker.

### **2.2 Terms, Definitions and Units**

- All costs contained in this report are denominated in Canadian dollars.
- Distances are primarily reported in metres (m) and kilometers (km) and in feet (ft.) when reporting historical data.
- GPS refers to global positioning system.
- Minfile showing in the area refers to documented mineral occurrences on file with the B.C. Geological Survey. There are no Minfile showings on the property.
- The term ppm refers to parts per million, equivalent to grams per metric tonne (g/t).
- ppb refers to parts per billion.
- The symbol % refers to weight percent unless otherwise stated. 1% is equivalent to 10,000ppm.
- Elemental and mineral abbreviations used in this report include: gold (Au), zinc (Zn), lead (Pb), silver (Ag), copper (cu), pyrite (Py) and chalcopyrite (Cpy).

### **2.3 Source Documents**

Sources of information are detailed below and include the available public domain information and private company data.

- Research of the Minfile data available for the area at <http://www.empr.govbc.ca/Mining/Geoscience/MINFILE/Pages/default.aspx>.



- Research of mineral titles at <https://www.mtonline.gov.bc.ca/mtov/home>.
- Review of company reports and annual assessment reports filed with the government at <http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx>
- Review of geological maps and reports completed by the B.C. Geological Survey at <http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/MainMaps/Pages/default.aspx>.
- Published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- Physical work on the property including a prospecting, sampling and geological mapping program over the main “MR Showing” area in the southeastern part of the property in August 2017, and a similar program over the Golden Vista area, in the northwestern part of the property, in September 2017.

## **2.4 Scope**

This report describes two programs of prospecting and geological mapping completed in August and September 2017, over two different areas of the Silver Vista property. The southeastern portion of the property hosts the MR silver-copper prospect (Minfile 093M -195), and work was completed by a two-man geologist crew, employed by Mammoth Geological Ltd. The northwestern portion of the Silver Vista property covers gold and silver soil geochemical anomalies and work was completed by a three-man crew, employed by Exploration Facilitation Unlimited Inc., and assisted by the author, Robert Weicker.

## **3.0 PROPERTY DESCRIPTION AND LOCATION**

### **3.1 Location and Access**

The Silver Vista Property lies on TRIM claim sheets 093M017, 093M025, 093M026, 093M027, 093M035, 093M036 and 093M037 in the Omineca Mining Division of British Columbia. The property consists of twenty-nine map claims totaling 20,735.6 hectares, at the time of the survey. The geographic center of the property is approximately UTM ZONE 9 639000E 6124000N (NAD 83). The claims are on crown land so there are no legal access issues.

The Silver Vista property is situated in central British Columbia, approximately 55 kilometres northeast of the town of Smithers, a regional population centre of 15,000, served daily with air service from Vancouver. The town is located on both the Canadian National Railway line to the deep-water port of Prince Rupert and on provincial Highway 16 connecting Prince George and Prince Rupert. Labour, shops, supplies, and government offices are available in Smithers.

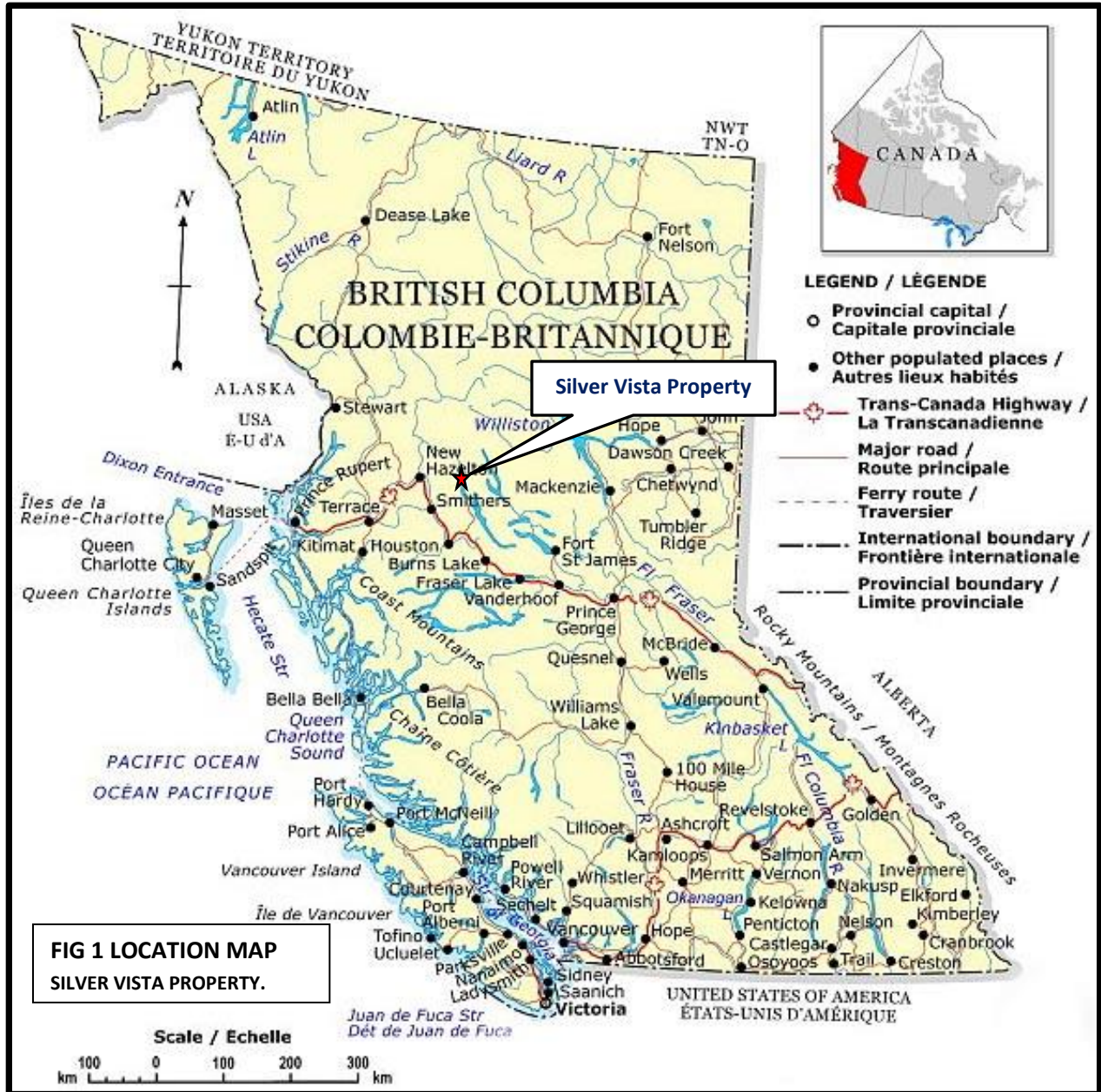
The southeastern and southern parts of the Silver Vista property are readily accessible by road from Smithers via the Babine Lake Forest Service Road (FSR) east from Smithers to the Nilkitwa FSR. The Nilkitwa FSR parallels the claim block and multiple lesser forestry roads can be taken onto the claim block. The northwestern portions of the property (covering the area designated as the “Golden Vista” targets) are accessible by helicopter from Smithers.

The Silver Vista property is located in the Skeena Stikine Forest District of the Northern Interior Forest Region. The topography is dominated by gently rolling hills, with numerous lakes, rivers and marshes. Elevations range from 480 metres to 2,340 metres above sea level. The area is forested primarily with Lodgepole Pine, White Spruce, Subalpine Fir (balsam), Douglas fir, Black Spruce and Trembling Aspen (poplar).

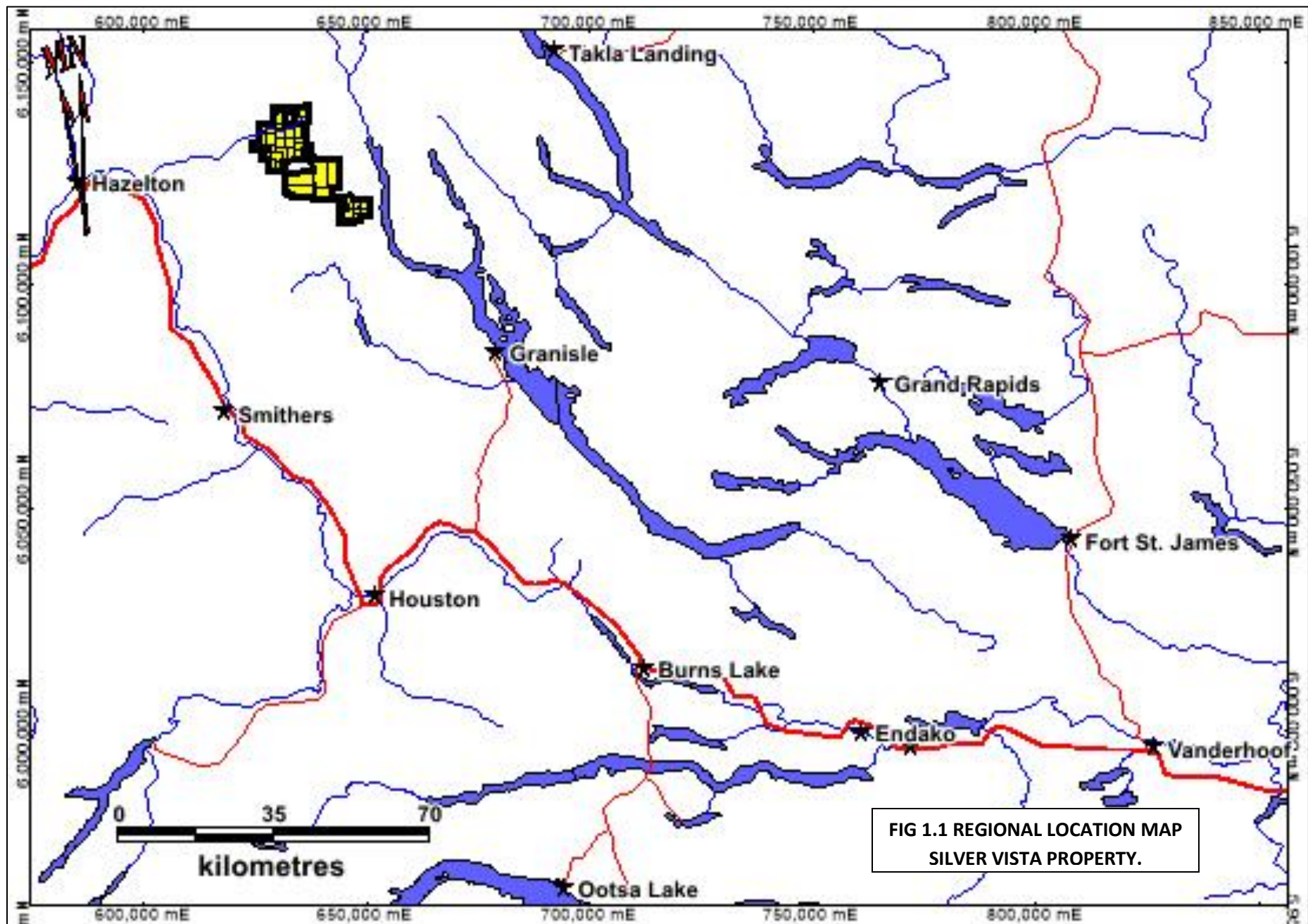
The area has a moderate climate with an average annual precipitation of approximately 510 mm and annual snowfall of approximately two metres. The area is usually free of snow from June to mid-October with temperatures ranging from a low of -40°C in December and January to a high of 28°C in July and August and averaging 21°C in summer and -11°C in winter.

The Silver Vista property is classed as a “greenfields” exploration project, and as such detailed surveys with respect to potential tailings storage areas, waste disposal areas, heap leach pad areas or potential processing plant areas are not considered.

The claims are on crown land, so the surface rights are held by the crown. The closest power line parallels the road to Fort Babine, 3.3 kilometers, from the main “MR” copper showing. Water is available from the numerous creeks throughout the claim block. Mining personnel, accommodation, heavy equipment, supplies and fuel are readily available locally in Smithers, or at fishing lodges on Babine Lake and/or at Smithers Landing.







**FIG 1.1 REGIONAL LOCATION MAP  
SILVER VISTA PROPERTY.**

### **3.2 Physiography and Vegetation**

The Silver Vista property is situated in the Skeena Stikine Forest District of the Northern Interior Forest Region. Topography is dominated by gently rolling hills, with numerous lakes, rivers and marshes, with elevations ranging from 480 m to 2,340 m above sea level. The area is forested primarily with Lodgepole Pine, White Spruce, Subalpine Fir (balsam), Douglas fir, Black Spruce and Trembling Aspen (poplar).

Average temperatures in Smithers are 21°C in summer and -11°C in winter, annual rainfall averaging 35.4 cm and annual snowfall averaging 204 cm (The Weather Network Statistics, website: <http://www.theweathernetwork.com/statistics/cl1077500>).

Outcrop exposure is poor on the southeastern portion of the property with thin to moderate coverage of glacial overburden. Outcrops exposure is moderate on the northwestern portion of the property due to the steep slopes and rugged topography. The valleys and ridge lines are covered by thin glacial overburden and moderate to large talus debris.

### **3.3 Land Tenure**

At the time of the work programs, the Silver Vista property consists of twenty-nine map claims totaling 20,735.6 hectares (207.3 sq. km). The geographic center of the property is approximately UTM ZONE 9, 639000 E, 6124000 N (NAD 83).

The claims are on crown land so there are no legal access issues. The Silver Vista property is owned 100% by Amarc Resources Ltd., with Free Miners Certificate (FMC) number 146093.

**Table 1. List of Mineral Tenures**

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Sub-mission Fee
1053224	SV11,12	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	369.49	\$ 1847.43	\$ 0.00
1053225	SV9,10	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	905.10	\$ 4525.51	\$ 0.00
1053226	HAZEL25,26ANDSV13	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	1127.04	\$ 5635.22	\$ 0.00
1049300	BETA CONNECTOR	2017/JAN/17	2018/JAN/17	2019/JAN/17	365	55.38	\$ 276.91	\$ 0.00
1052843	CONNECTOR EXPANSION	2017/JUL/01	2018/JUL/01	2019/JUL/01	365	369.21	\$ 1846.06	\$ 0.00
1053227	HULK01,02ANDHAZEL55	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	3080.20	\$ 15401.02	\$ 0.00
1052849	WEST CENTER	2017/JUL/01	2018/JUL/01	2019/JUL/01	365	442.84	\$ 2214.19	\$ 0.00
1052852	SOUTH CENTER	2017/JUL/01	2018/JUL/01	2019/JUL/01	365	461.59	\$ 2307.94	\$ 0.00
1052853	EAST CENTER	2017/JUL/01	2018/JUL/01	2019/JUL/01	365	442.78	\$ 2213.89	\$ 0.00
1049299	PRIME CONNECTOR	2017/JAN/17	2018/JAN/17	2019/JAN/17	365	110.54	\$ 552.70	\$ 0.00

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Sub-mission Fee
1053228	BULK06,07	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	900.54	\$ 4502.70	\$ 0.00
1053229	BULK10,11	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	753.91	\$ 3769.56	\$ 0.00
1053230	BULK12,19	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	846.25	\$ 4231.23	\$ 0.00
1053231	BULK22,31	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	846.82	\$ 4234.10	\$ 0.00
1053232	BULK18,21	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	920.16	\$ 4600.78	\$ 0.00
1053233	BULK30,32	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	902.52	\$ 4512.59	\$ 0.00
1053234	BULK17,20	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	920.15	\$ 4600.73	\$ 0.00
1053235	BULK25,29	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	883.91	\$ 4419.55	\$ 0.00
1053236	BULK27,28	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	792.01	\$ 3960.07	\$ 0.00
1053237	BULK40,41	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	902.97	\$ 4514.85	\$ 0.00
1053238	BULK15,24	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	846.69	\$ 4233.46	\$ 0.00
1053239	BULK13,14AND16	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	1379.83	\$ 6899.16	\$ 0.00
1053240	BULK05,08AND09	2017/JUL/18	2017/DEC/30	2018/DEC/30	365	1250.11	\$ 6250.54	\$ 0.00
568283	BOB 1	2007/OCT/19	2024/JUN/25	2024/JUN/25	0	184.68	\$ 0.00	\$ 0.00
568284	BOB 2	2007/OCT/19	2024/JUN/25	2024/JUN/25	0	18.47	\$ 0.00	\$ 0.00
1029184	SV3	2008/APR/15	2024/JUN/25	2024/JUN/25	0	295.50	\$ 0.00	\$ 0.00
1029189	SV4	2008/APR/15	2024/JUN/25	2024/JUN/25	0	221.70	\$ 0.00	\$ 0.00
1029187	SV5	2008/APR/15	2024/JUN/25	2024/JUN/25	0	221.71	\$ 0.00	\$ 0.00
856772	FALL	2011/JUN/12	2024/JUN/25	2024/JUN/25	0	92.34	\$ 0.00	\$ 0.00

The claims are currently registered in the name of Amarc Resources Ltd. (Owner 146093 in Table 1). Multiple Metals Resources Ltd. and Amina Weicker are obtaining a 100% interest in the Silver Vista property, subject to a 2% Net Smelter Return (NSR) royalty in Amarc's favor, by completing a minimum of 3,000 metres of NQ diamond drilling or 6,000 metres of reverse circulation drilling on or before December 31, 2019. In addition, if Multiple Minerals and Amina Weicker enter in any corporate transaction within 5 years of 21-December-2016 agreement date, Amarc is entitled to 25% of the cash, securities or and any other compensation derived from the transaction.

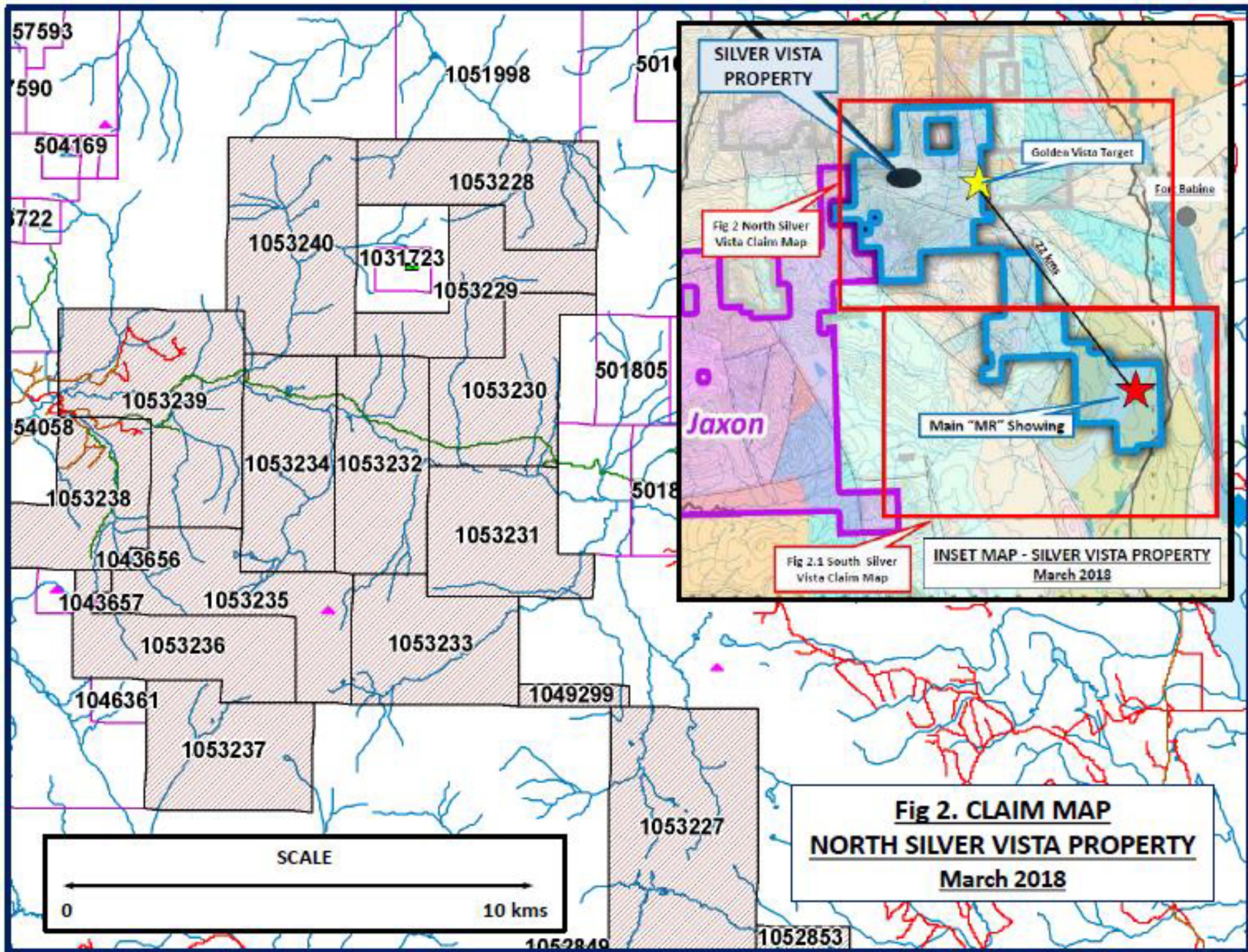
Multiple Metals and Amina Weicker subsequently entered into an agreement with Glacier Lake Resources Inc. dated 15-March-2017 to acquire Multiple and Weicker's 100% interest in the claims, subject to the underlying Amarc NSR and a further 0.5% NSR royalty in favor of Multiple Metals and Amanda Weicker. The terms of the Multiple / Glacier Lake agreement are as follows:

- (a) A cash payment of Cdn\$10,000 upon the grant of the Option, pursuant to the terms of the Definitive Agreement (as defined below).
- (b) A cash payment of Cdn\$10,000 on or before the six (6) month anniversary of completion of the payment set forth in Paragraph (a) above.

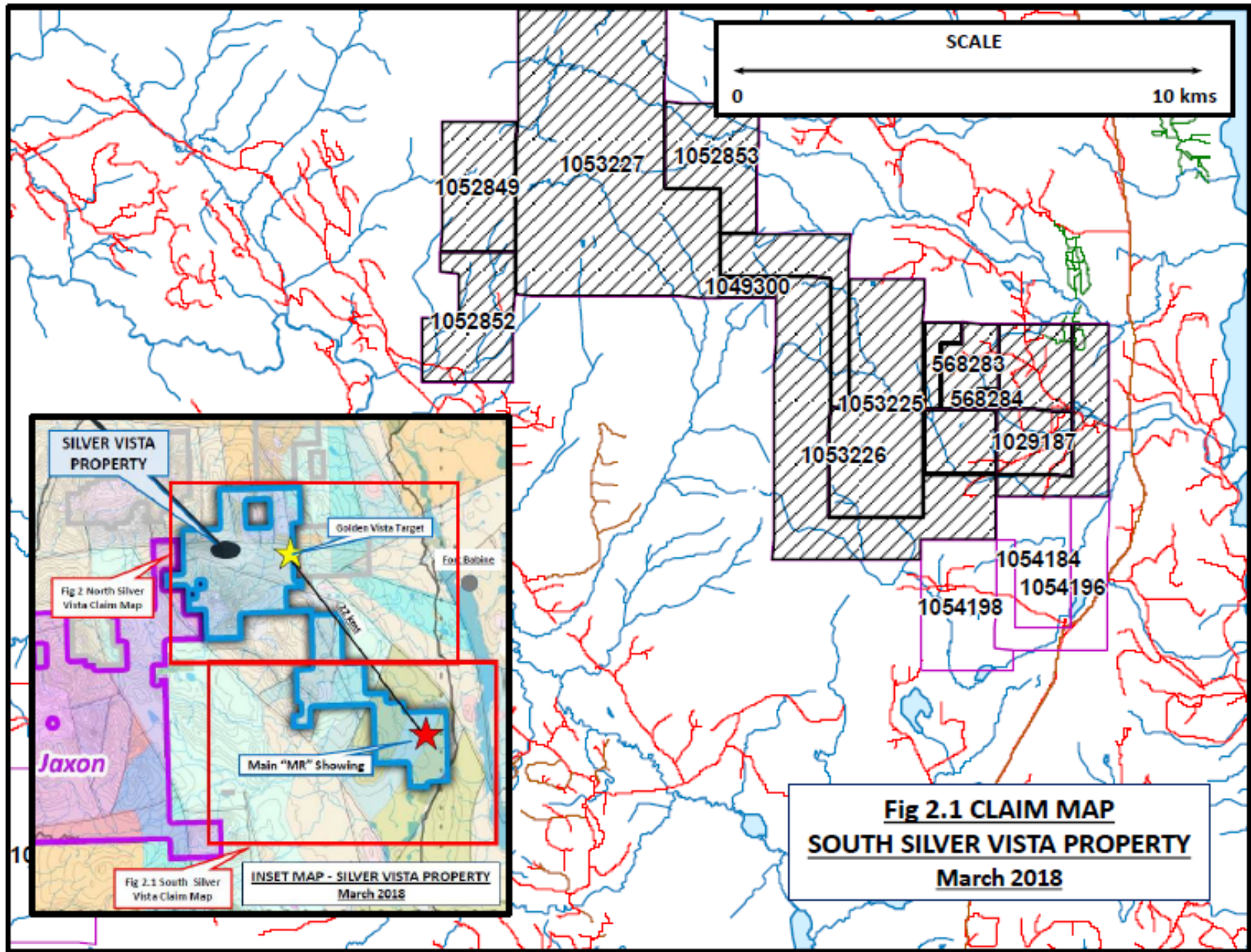
- (c) A cash payment of Cdn\$25,000, and the completion of expenditures of not less than \$150,000 on the Property, on or before the one (1) year anniversary of completion of the payment set forth in Paragraph (a) above.
- (d) A cash payment of Cdn\$10,000 on or before the eighteen (18) month anniversary of completion of the payment set forth in Paragraph (a) above.
- (e) A cash payment of Cdn\$50,000, the issuance of 350,000 Consideration Shares, and the completion of expenditures of not less than \$200,000 on the Property, on or before the two (2) year anniversary of completion of the payment set forth in Paragraph (a) above.
- (f) A cash payment of Cdn\$125,000, the issuance of 400,000 Consideration Shares, and the completion of expenditures of not less than \$250,000 on the Property, on or before the three (3) year anniversary of completion of the payment set forth in Paragraph (a) above.

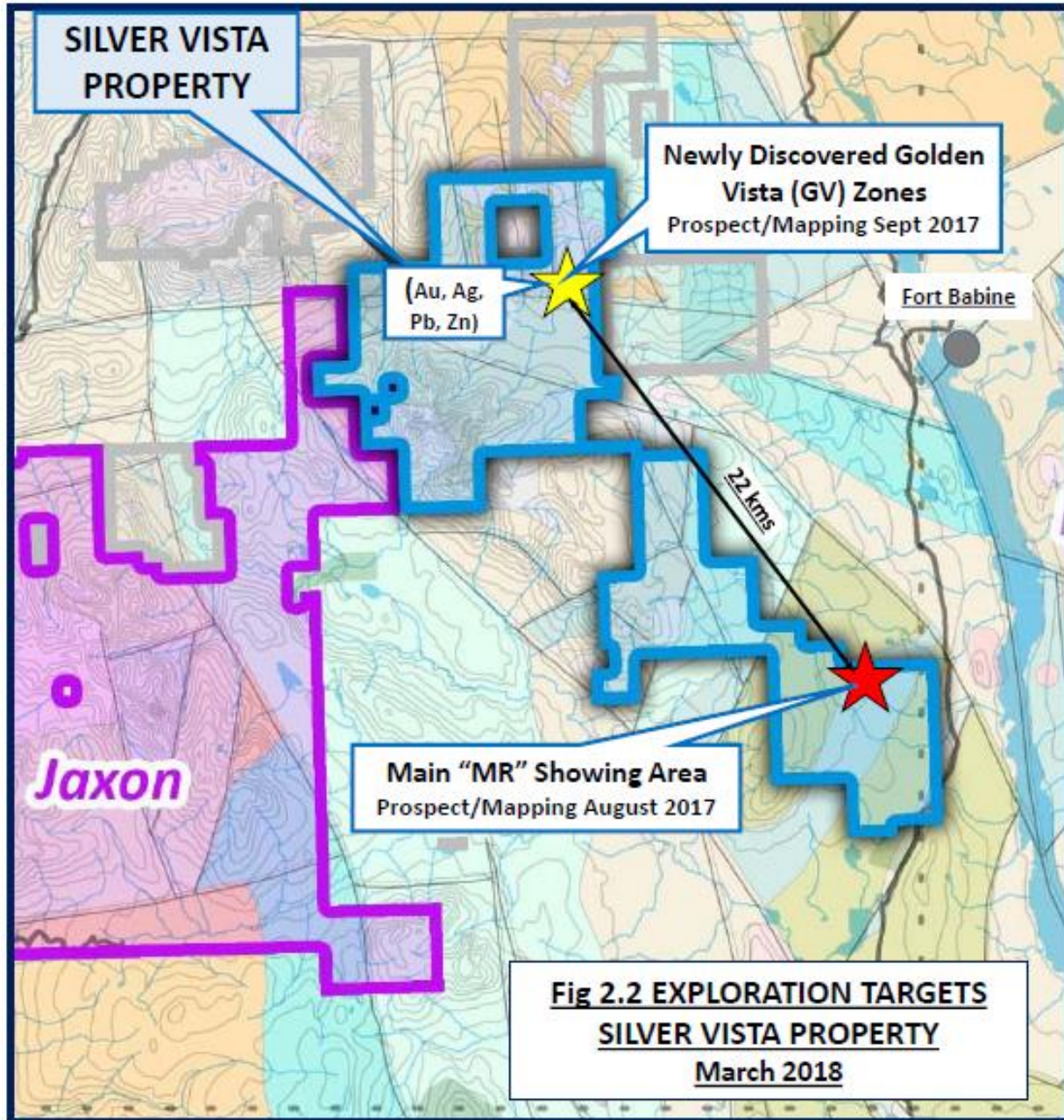
As per the underlying agreement 25% of the cash and shares derived from the Glacier Lake agreement will be due and payable to Amarc Resources Ltd.











#### 4.0 HISTORY

Prior to acquisition and consolidation of a large land package by Amarc Resources Ltd. in 2011, sporadic exploration programs were completed in three key areas within the current Glacier Lake claim block: the Sue property at the extreme north end of the north block of the current claim group, the Daisy at the extreme southwestern end of the north block of current claim block, and the MR in the centre of the southern block of the current claim group.

#### Sue



The original eight two-post claims of the Sue property lie just to the north of the Glacier Lake property. Canadian Superior Exploration Limited completed property wide soil sampling at 100-foot centres on lines spaced at 400-foot intervals. The survey did not locate any anomalies along the suspected fault zone where a selected grab sample ran 12.9 opt Ag, 0.005 opt Au, 0.33% Cu and 0.11% Zn. (Baker, 1973).

Ryan Exploration Co. Ltd. completed a two-year program on the RCM claim, covering the southern end of the old Sue claims and extending south onto the present Glacier Lake property. A prospecting program in 1984 included silt and rock sampling, yielding 27 samples. A select grab sample returned 7.05 ppm Au and 700.8 ppm Ag. (Hooper, 1984). Subsequently, a 6.15-line kilometre soil grid was established in 1985 and 234 soil samples and 65 rock samples were taken. A total of 6.25-line kilometres of VLF EM surveying was also completed along two north south and two east lines. (Hooper, 1985).

Gold Pac Investments Ltd. put together a significantly larger land package and completed a prospecting and geological mapping program resulting in the location of two showings outside the present Glacier Lake boundary. A zone of massive to disseminated sphalerite, galena, chalcopyrite and gold-silver mineralization 200 metres long by 200 to 20 centimetres wide was mapped and sampled, along with a zone of stockwork mineralization previously known. In addition, 12 stream sediment samples were taken. (Leask, 1991).

Robin Day (2000) acquired the key claim and completed a small program of wide spaced soil sampling in existing trenches and rock sampling for petrological analyses. The soil sampling confirmed earlier results and Day felt the property had porphyry potential.

### **Daisy**

Twin Peaks Mines Ltd. completed two airborne and one ground geophysical survey over the Daisy claims, lying both within and outside of the present Glacier Lake boundary at the southwest corner of the current north block. An 88-line mile helicopter magnetic and electromagnetic survey was flown in August 1969. Three of the 28 conductors located were considered of prime interest and a further 3 were considered of secondary interest. A 4,000-foot diameter semi-circular magnetic low partly surrounded by an irregular magnetic high with accompanying zones of conductivity was thought to suggest the existence of porphyry mineralization. (Woolverton, 1970). Fifteen line kilometres of ground magnetic and EM surveying was completed in 1971, following up on the magnetic low from the previous survey. An area of magnetic interest was identified by the magnetics survey and two anomalies were identified by the EM survey. (Woolverton, 1971a). Later in 1971 a larger airborne magnetic survey totaling 642 line miles, was

completed, largely covering ground to the south and west of the Glacier Lake claim group. Several identified anomalies lie outside of the present claim group. Woolverton, 1971b).

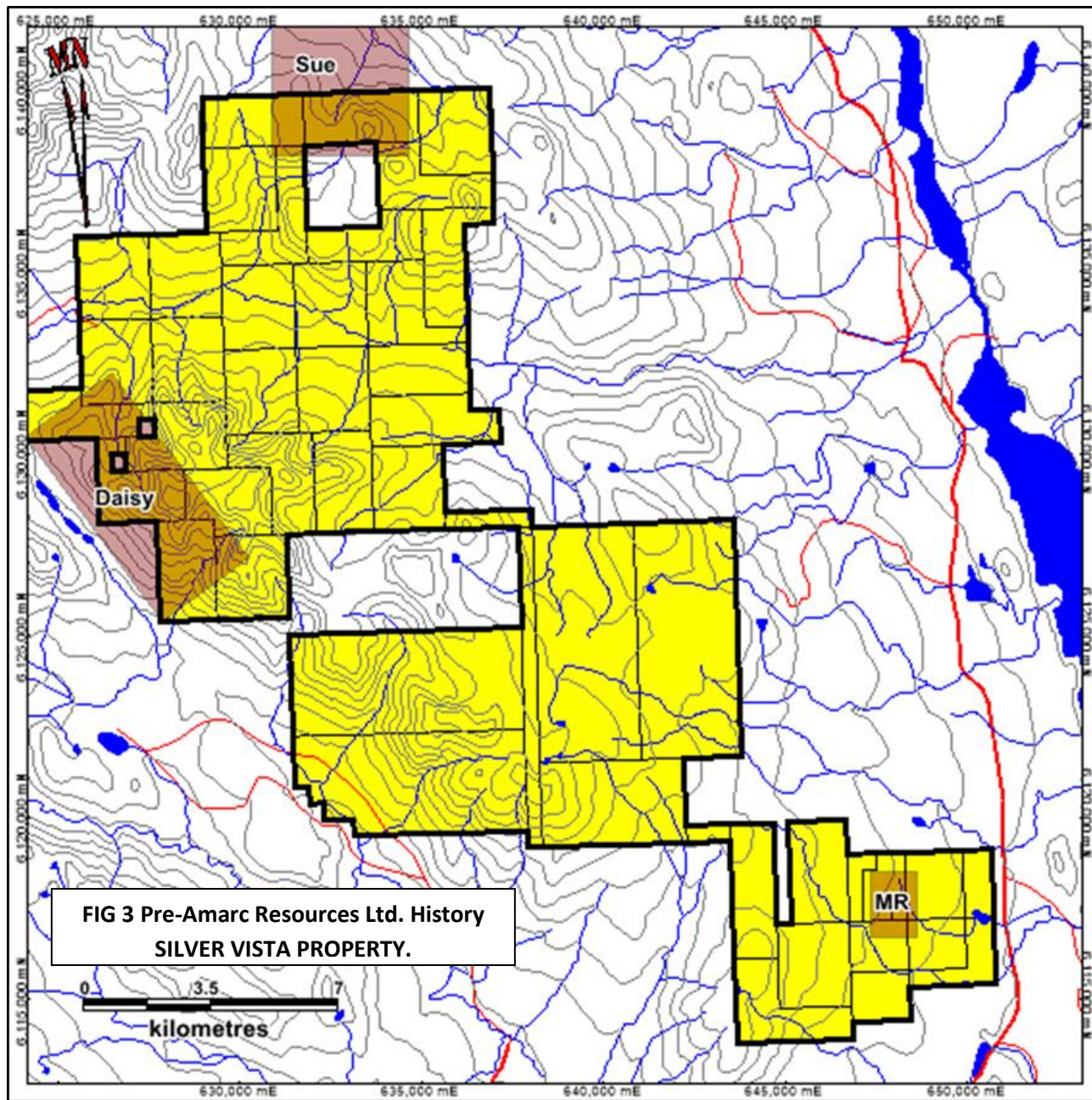
Atna Resources Ltd. completed a small helicopter supported prospecting program including 10 rock samples on the Bana and Lett claims. Mineralized samples included float with chalcopyrite and molybdenite in quartz veins and quartz veins with galena and sphalerite. (Harivel, 1985). Atna subsequently added the Ellen claims to the block and completed a similar sampling program, taking a total of 29. Prospecting located banded veins up to one metre in width containing quartz, chalcopyrite, tetrahedrite, and pyrite associated with sheeted fracture and shear zones in the granodiorite. Values ranged from background to 3150 ppb gold and 28.3 ppm to 76.76 opt silver from 15 samples. Veins and masses up to one metre in width, consisting of quartz, arsenopyrite, galena and pyrite, were also located in the altered sedimentary rocks. Values ranged from background to 3290 ppb gold and 0.7 ppm to 10.26 opt silver from 14 samples. (Reid, 1985).

Logan Miller-Tait completed a prospecting program on the Nat Group, encompassing much of the southwest section of the current northern Glacier Lake claim block in 2010. Twenty two rock samples and 6 silt samples were taken. A fracture controlled shear zone in granodiorite returned >10,000 ppm in copper and lead, >100 ppm silver and 2598 ppb gold. (Warren and Warren, 2010).

### **MR property**

Local prospector Ralph Keefe staked a malachite- azurite showing discovered during a regional exploration program funded by a Ministry of Energy, Mines and Petroleum Resources prospecting grant in 1990. Equity Silver Mines Ltd. optioned the claims and completed 8.5 line-kilometres of grid soil sampling at 50 metre spacing along 200 metre lines later in the year. A 900 metre by 100 metre Ag-in-soil and Zn-in-soil anomaly was located 300 metres downslope from the known showings. Six trenches totaling 295 linear metres were excavated, highlighting a zone of silver copper mineralization at least 100 metre long by 17 metres wide. The 28 samples taken were confined to three of the trenches and yielded the following weighted average grades: Trench 2 – 10.5 metres at 0.22% Cu and 38 gpt Ag; Trench 3 – 16.5 metres at 0.43% Cu and 74 gpt Ag; and Trench 4 – 15 metres at 0.53% Cu and 28 gpt Ag. Follow-up diamond drilling was recommended. (Hanson, 1991).

In 1991 and 1992, Equity completed 14 diamond drill holes totalling 1252.5 metres. Although there were a number of significant intersections obtained in the drilling, Equity concluded that the copper-silver grades were sub-economic. Equity did recommend additional drilling to follow-up a high-grade intersection in hole MR 92-02. The drilling summary is shown in Table 2. (Hanson, 1992).



**FIG 3 Pre-Amarc Resources Ltd. History  
SILVER VISTA PROPERTY.**

**Table 2. 1991-1992 Drilling Summary**

Hole #	Azimuth	Dip	Length	Grid N	Grid E	Elevation	Intersections				
							m from	m to	m width	ppm Ag	% Cu
MR 91-01	160	-50	67.06	50	50	1062	34.19	67.06	32.87	34.8	0.19
MR 91-02	160	-50	100.58	100	50	1060	nothing of significance				
MR 91-03	160	-50	67.06	25	0	1070	3.99	65.9	61.91	40.5	0.11
MR 91-04	160	-50	85.34	25	50	1068	41.16	64.12	25.9	62.6	0.08
MR 91-05	160	-50	60.96	0	-100	1066	24.38	38.71	14.33	114	0.15
MR 91-06	160	-50	76.2	25	100	1062	20.73	40.85	20.12	14.6	0.3
MR 92-01	340	-60	129.54	-58	50	1062	48.77	79.25	30.48	34.6	ns
MR 92-02	343	-60	213.36	-108	50	1064	176.78	213.36	36.58	26.8	0.49
including							192.62	195.46	2.84	195.7	3.65
MR 92-03	341	-50	86.87	-50	-50	1062	nothing of significance				
MR 92-04	340	-50	80.87	-50	-200	1065.5	nothing of significance				
MR 92-05	340	-50	76.2	-50	250	1056.5	30.48	57.91	27.43	14.3	ns
MR 92-06	340	-50	79.25	-50	300	1055	21.34	38.51	17.17	22.2	ns
MR 92-07	341	-50	76.2	-72	350	1053	nothing of significance				
MR 92-08	340	-50	79.25	-75	400	1050.5	nothing of significance				

## MR History

In 1997 Hudson Bay Exploration and Development Limited conducted 2.4 line kilometres of ground EM and magnetic surveys over the area of the earlier drilling. No geophysical anomalies were identified. (Bidwell, 1998).

Metal Mountain Resources Inc. conducted 20.1 line kilometres of grid soil sampling at 50 metre spacings along 100 metre lines over the area of the earlier drilling. A silver-in-soil anomaly 1200 metres long by 50 to 300 metres wide was identified. (Hanson, 2009).

Amarc Resources Ltd. optioned the key claims hosting the MR deposit and blanket staked the favourable horizons over a northwest trending area approximately 47 kilometres long by 7 to 20 kilometres wide. They completed program of helicopter borne magnetics (Jensen and Rebagliati, 2012); stream sediment sampling, rock sampling, and reconnaissance and grid soil sampling over a wide area of the property, along with an IP survey over select areas of the property (Jensen and Rebagliati, 2013); and follow up grid soil sampling over selected areas of the property (Galicki, Jensen and Rebagliati, 2014). Total expenditures filed with the British Columbia Ministry of Energy, Mines and Petroleum Resources for assessment credits between 2012 and 2014 was respectively \$220,076, \$723,993.36 and \$152,246.71 for a total of \$1,096,316.07.

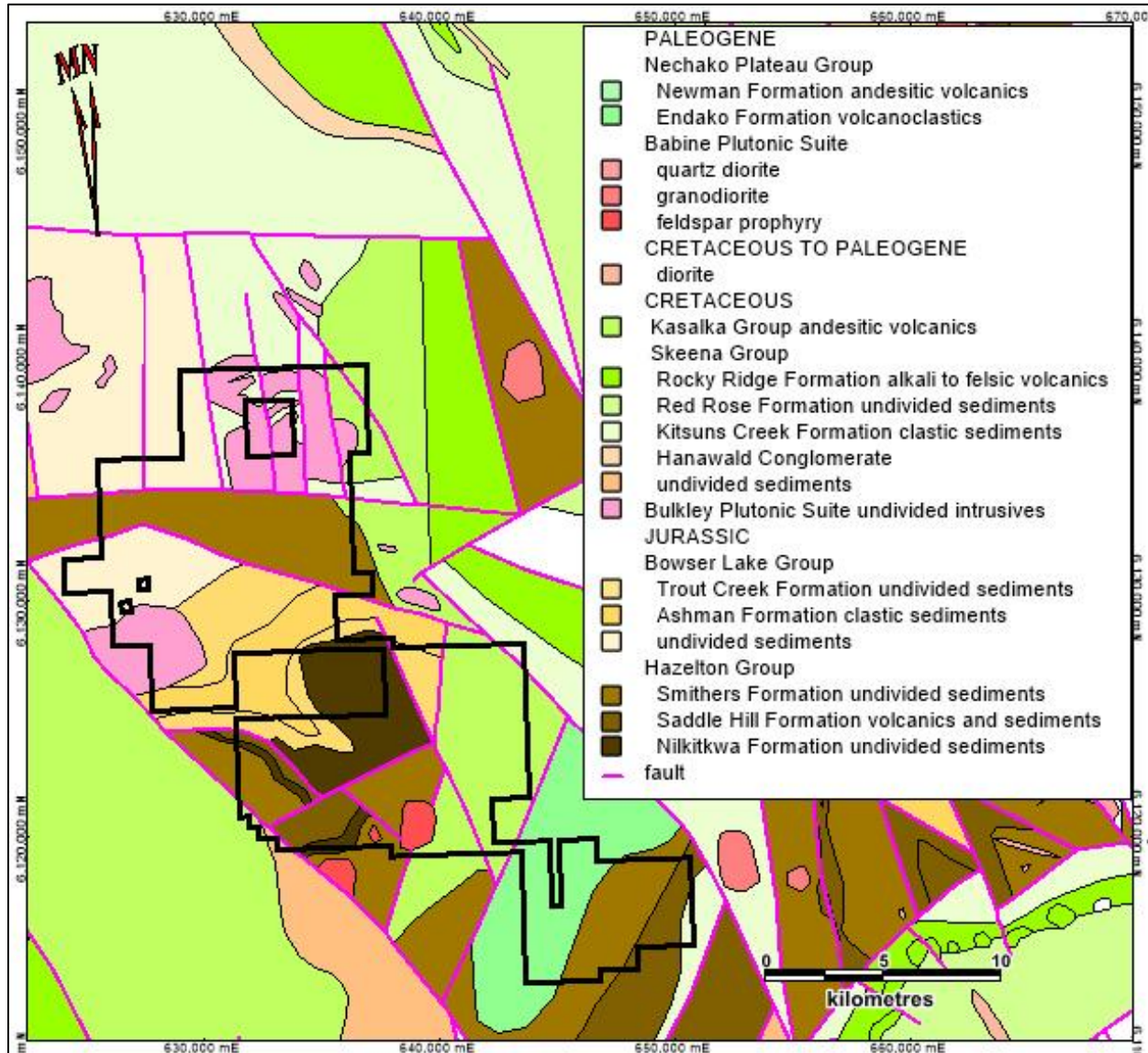
From the fall of 2013 to February 2017, no exploration was completed on the Silver Vista property. Following the transaction between Multiple Metals Resources Ltd. /Glacier Lake Resources Ltd and Amarc Resources Ltd. (as discussed above), Geotech Ltd. of Aurora, Ontario, was contracted to complete a geophysical survey consisting of a helicopter borne EM using the versatile time-domain electromagnetic (VTEM™) plus system over a portion of the Silver Vista property. Measurements consisted of Vertical (Z) and In-line Horizontal (X) components of the EM fields using an induction coil and a horizontal magnetic gradiometer using two caesium magnetometers. A total of 462 line-km of geophysical data were acquired during the survey, flown from January 26th to February 5th, 2017.

## **5.0 GEOLOGICAL SETTING**

The Silver Vista property is underlain by the Stikine Terrane. The following discussion is summarized from Galicki et al (2014), who derived the geology of the claim group from Massey et al (2005). The Stikine Terrane in the Silver Vista Area is comprised of Early to Middle Jurassic andesitic volcanic, volcanoclastic and related marine sedimentary rocks of the Hazelton Group island-arc to continental-arc assemblage. The Stikine Terrane is overlain by marine to nonmarine clastic sedimentary strata of the Late Jurassic Bowser Lake and Early Cretaceous Skeena groups. Late Cretaceous Bulkley



intrusions and Eocene Babine intrusions can be found throughout the claim area together with associated continental arc volcanics (Late Cretaceous Kasalka and Eocene Ootsa Lake Group). Significant porphyry copper deposits such as the Bell and Granisle porphyries are associated with Eocene Babine Lake intrusions.

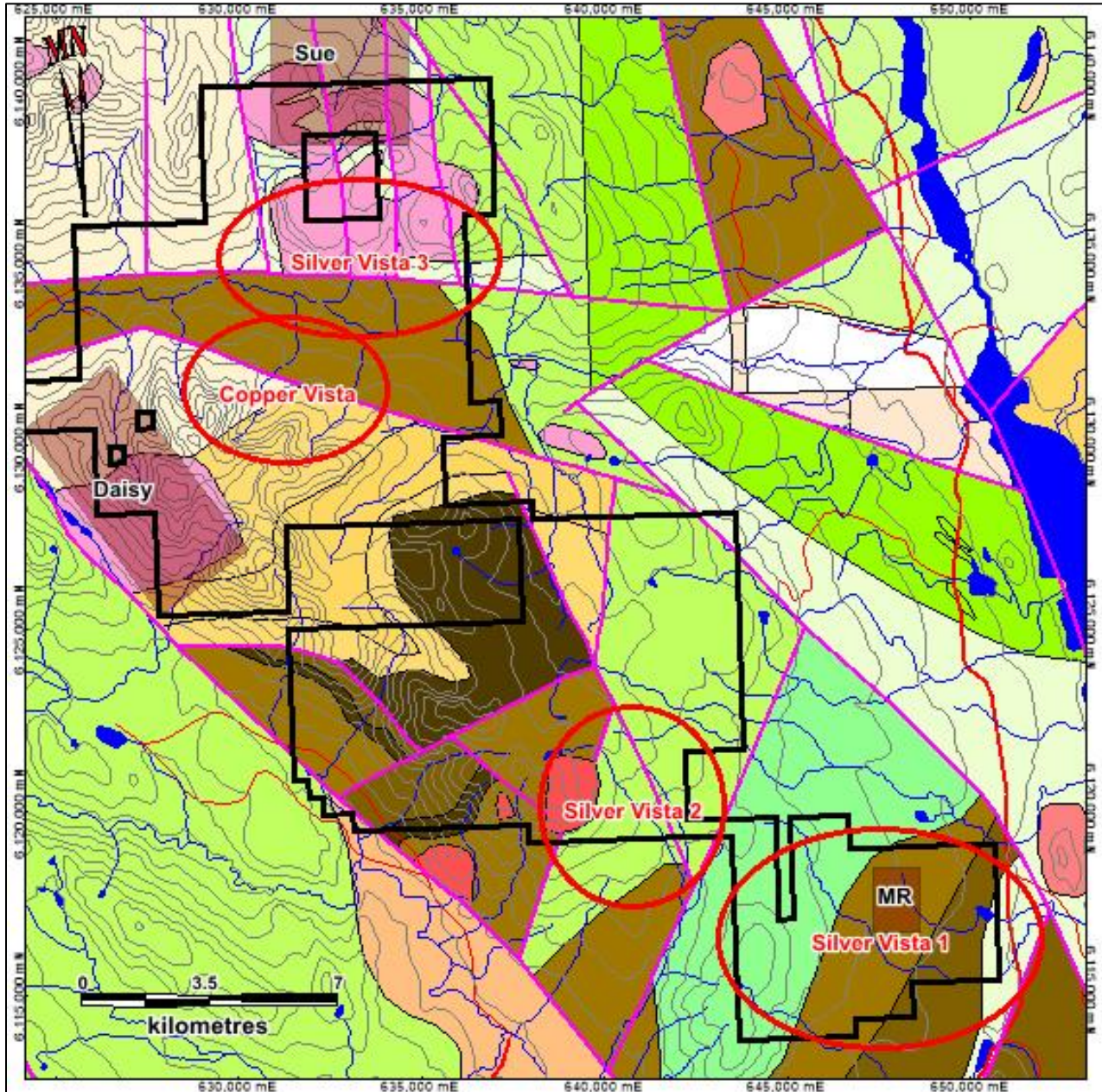


**Figure 4. Regional Geology**

The Hazelton Group, the key host rock for the mineralization associated with the Silver Vista property, is divided into the Telkwa, Nilkitkwa, Saddle Hill and Smithers formations. The lower Jurassic Telkwa Formation is the most extensive and consists of green and maroon, submarine and subaerial pyroclastic and lava flow volcanic rocks ranging in composition from andesite to rhyolite. It does not outcrop in the Silver Vista area. The Telkwa Formation is conformably overlain by marine sedimentary and



submarine volcanic rocks of the lower Jurassic Nilkitkwa Formation. These rocks are in turn overlain by lower to middle Jurassic subaerial mafic to felsic pyroclastic and lava flow volcanic Saddle Hill Formation rocks. Middle Jurassic fossiliferous medial- and distal-facies sandstone and siltstone of the Smithers Formation are the youngest of the Hazelton Group rocks.



Projection NAD 83 Zone 9

**Figure 5. Property Geology**



Plate 1. Legend for Property Geology and Mineralization Maps

### **5.1 Property Geology**

The Silver Vista property has not been mapped in detail There has been mapping completed in the area of the MR showing and the geology of the MR area is taken from Galicki et al (2014).

*“The area of the historic drilling and trenching at the MR Silver showing is underlain by a predominantly sedimentary sequence of immature, fossiliferous sandstones, siltstones and very minor conglomerate of the Smithers Formation. The sediments are tuffaceous in part and are interbedded with a thin ash/lapilli tuff which can locally, be used as marker horizon. Fossils found belong to the class of gastropods, cephalopods (most commonly bivalves and ammonites) and pelecypods (trigonia). The stratigraphy is intruded by rare andesite, microdiorite and feldspar porphyry dykes of unknown age. During the Amarc core-relogging in July 2012, only the feldspar porphyry dyke has been noted. Andesite and microdiorite are reported in Equity Silver core logs from the 1990s.*

*The vast majority of rocks consist of grey-green, locally reddish mature to immature sandstones. The arenites are poorly to well sorted, sub-rounded to angular grains, <2-15%, matrix component, <2-10% fine grained lithic and other fragments like bitumen or organic matter. The grain-size ranges from fine to coarse and displays normal graded bedding with locally interbedded 1-10cm thick mature conglomerate and fine-bedded siltstone. Carbonized and carbonate-replaced remains of gastropods, cephalopods and pelecypods are common, but their abundance generally decreases with increasing depth; pyritized remains of gastropods and bivalves have been noted in boulders at the MR showing.*

*The dominant alteration of the sandstones is glauconite, giving the rock its characteristic green colour. Hematite pigmentation is rare, but has been noted and is likely related to weathering during core storage. Ag-Cu mineralized sandstone commonly displays weak to intense carbonate-quartz alteration characterized by matrix/cement replacement by carbonate+/-quartz and quartz-carbonate veining and locally brecciation. Ag-Cu mineralized intervals are commonly proximal to strong-intense carbonate-quartz veining/brecciation accompanied by a weak-moderate carbonate+/-quartz alteration of the sandstone matrix/cement.*

*Bedding plane orientations range between 020o-035o to the core-axis with all holes drilled at -60o and -50o. The interpreted dip of the sandstone beds at the MR silver showing have a strike of 060o and dip 45o to the NW. The interpreted strike is consistent with strike measurements of fossiliferous sandstone 1.5km SW of the MR silver showing, however the dips are slightly shallower. Overall, the full known extend of fossiliferous sandstone at and proximal to the MR silver showing has a mean orientation of 055o strike with dips varying between 20 o and 45o.*

*Five drill holes intersected a dark grey lapilli-tuff, which can be used as a marker horizon. It is found interbedded with the aforementioned sandstone. This unit is very poorly sorted, very immature and contains a very fine-grained, shardy groundmass. Feldspar fragments and crystals ranging from sub-mm to multi-cm are noted within this unit. Its average thickness is approximately 1 m and commonly is coarsest at its basal contact. Some fragments in the lapilli-tuff appear stretched giving it a 'pseudo'-welding textures. The tuff is commonly weakly sericite altered and not Ag-Cu mineralized.*

*Two km south of the MR showing and drill area, felsic quartz-feldspar crystals tuffs have been found in various outcrops. They are commonly white to grey in colour, contain ~5% 1-4mm large quartz crystals, 5-10% angular feldspar crystals, <1% lithic fragments. The groundmass is aphanatic to very fine-grained and shardy. The crystal tuffs are not welded, and display weak sericite alteration with locally trace disseminated pyrite or hematite."*

## **6.0 Mineralization**

The primary mineralization on the Silver Vista property is the MR zone, the silver – copper mineralized sandstone, within a semi-continuous zone 300m metre long by 50 metres wide and 3 to 150 metres deep. The silver mineralization consists of very fine-grained native silver, argentite/acanthite, argentiferous chalcocite/digenite and trace Ag-tennantite. Copper-mineralization consists of fine grained, disseminated, commonly intergrown chalcocite /digenite, bornite, trace chalcopyrite and covellite. Locally, Ag-Cu mineralization can be found in patches and veins, most notably a 1-2 cm thick semi-massive



sulfide vein @193.68m containing 569 g/t Ag and 14.7% Cu (predominantly chalcocite with trace bornite) which was intersected in hole MR 92-02. Most Ag-Cu mineralization is very fine-grained and disseminated with no apparent vein or fracture control. Overall, total sulphide concentrations are low ranging from trace up to 2%, averaging approximately 0.5%.

Trenching sampling in 1990 returned the following results: Trench 2 – 10.5 metres at 0.22% Cu and 38 gpt Ag; Trench 3 – 16.5 metres at 0.43% Cu and 74 gpt Ag; and Trench 4 – 15 metres at 0.53% Cu and 28 gpt Ag. These trenches were located within a 900 metre by 100 metre Ag-in-soil and Zn-in-soil anomaly. (Hanson, 1991).

Diamond drilling in 1991 and 1992 intersected silver-copper mineralization in 9 of the 14 holes completed. , Equity completed 14 diamond drill holes totalling 1252.5 metres. Although there were several significant intersections obtained in the drilling, Equity concluded that the copper-silver grades were sub-economic. Equity did recommend additional drilling to follow-up a high-grade intersection in hole MR 92-02. The drilling summary is shown in Table 2. (Hanson, 1992).

#### OTHER MINERALIZED TARGETS

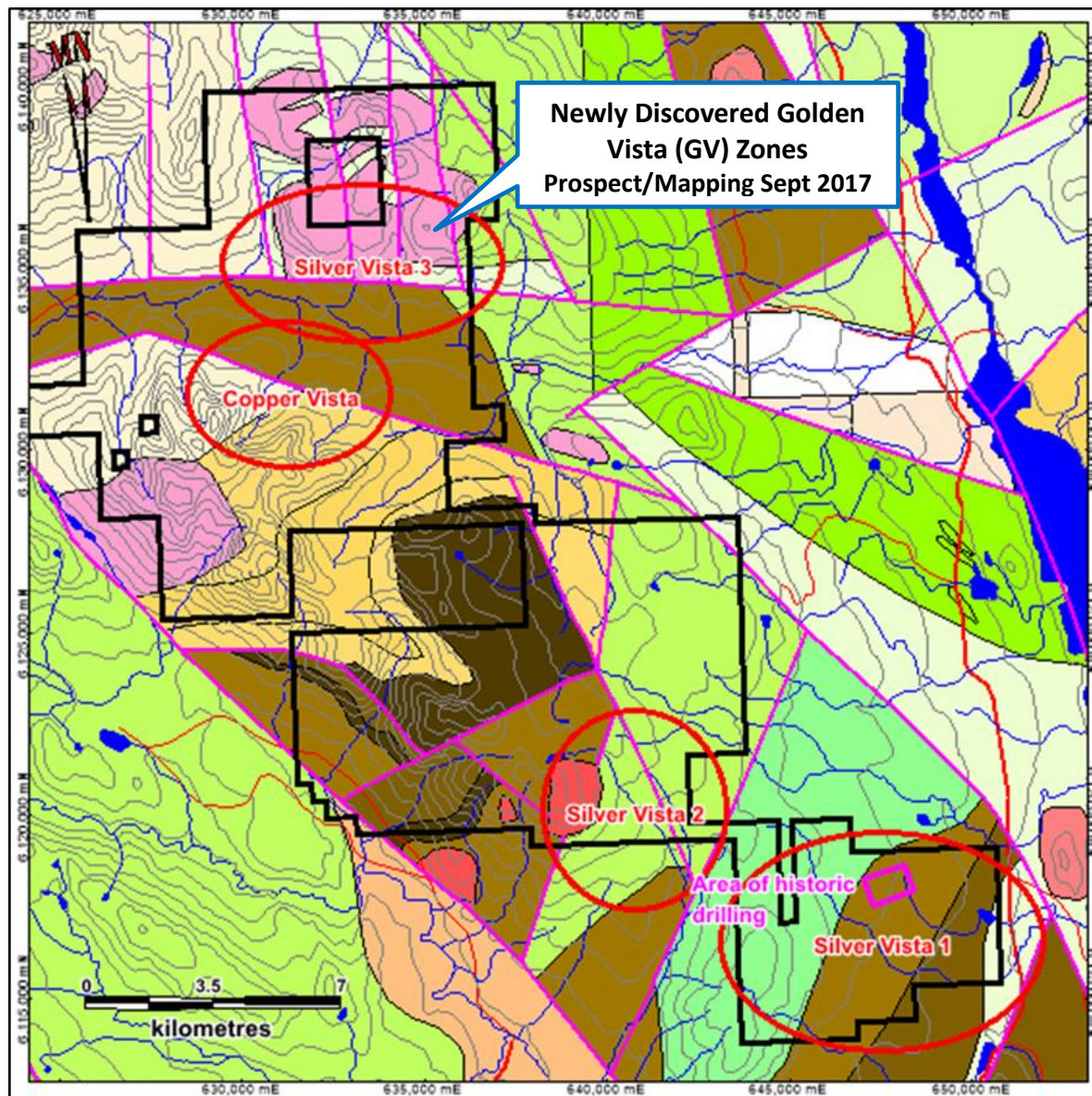
The subsequent property wide exploration by Amarc Resources Ltd. identified three zones of potential mineralization of the property in addition to the Silver Vista 1 zone which hosts the MR deposit. These zones were originally identified from the property wide stream sediment sampling and subsequently followed up with soil grids of varying sizes:

Silver Vista 1 is the immediate area around the MR deposit. A south-draining stream and a north-draining stream from the area of the MR deposit are anomalous on silver, but surprisingly not in copper. Subsequent soil sampling confirmed the MR anomaly but also identified a second zone to the south.

Silver Vista 2 underlies a second area of known Smithers Formation rocks, 8.5 kilometres northwest of the MR deposit. One south-draining creek is strongly anomalous in silver, but weakly anomalous in gold and copper. Subsequent soil sampling did not adequately explain the stream sediment anomalies.

**Table 3. 1991-1992 Drilling Highlights**

Hole #	m from	m to	m width	ppm Ag	% Cu		Hole #	m from	m to	m width	ppm Ag	% Cu
MR 91-01	34.19	67.06	32.87	34.8	0.19		MR 92-01	48.77	79.25	30.48	34.6	ns
MR 91-03	3.99	65.9	61.91	40.5	0.11		MR 92-02	176.78	213.36	36.58	26.8	0.49
MR 91-04	41.16	64.12	25.9	62.6	0.08		including	192.62	195.46	2.84	195.7	3.65
MR 91-05	24.38	38.71	14.33	114	0.15		MR 92-05	30.48	57.91	27.43	14.3	ns
MR 91-06	20.73	40.85	20.12	14.6	0.3		MR 92-06	21.34	38.51	17.17	22.2	ns



Projection NAD 83 Zone 9      Figure 6. Mineralization

Silver Vista 3 (now designated as the **“Golden Target”** area) lies in the northern section of the claim block, between Grizzly Discoveries Inc.'s French and the Peak claims, where porphyry mineralization and polymetallic veins are associated with Bulkley Intrusions. Numerous streams are anomalous in silver and gold, and to a lesser extent copper. Spot gold anomalies were found throughout the soil grid.

Copper Vista lies to the southwest of Silver Vista 3. The highest copper concentrations of the entire survey were encountered over a 3 kilometre stretch of one stream. Silver is consistently weakly anomalous as well. The setting, middle Jurassic to late Cretaceous sediments intruded by late Cretaceous Bulkley intrusions, makes this area an attractive porphyry copper target. While the soil copper values were generally low, the eastern half of the grid is definitely elevated in silver.

**7.0 RECENT EXPLORATION PROGRAM**

During the summer and fall of 2017, two programs of prospecting and geological mapping were conducted over two different areas of the large Silver Vista property. The southeastern portion of the property hosts the MR silver-copper prospect (093M -195), and a program of prospecting and geological mapping was completed by a two-man geologist crew, employed by Mammoth Geological Ltd. The northwestern portion of the Silver Vista property covers gold and silver soil geochemical anomalies (designated the “Golden Vista” targets) resulting from work by Amarc Resources Ltd., in 2012-2013. A program of prospecting and geological mapping was completed by a three-man crew, employed by Exploration Facilitation Unlimited Inc., and assisted by the author, Robert Weicker.

Target	Rock samples	Soil samples	Total
Golden Vista	28	53	81
MR Showing Area	28	12	40
	56	65	121

For both programs, the field crews were based out of Smithers, British Columbia, For the MR Area program, daily access was by logging roads, and trails, from August 9 to 24, 2017. For Golden Vista, access initially was by helicopter directly from Smithers. Later the crews drove to a quarry, north-west of the community of Babine, and they were shuttled by helicopter into and out of various parts of this area. Work on the Golden Vista area was from September 13 to 27, 2017.

**7.1 PROSPECTING AND GEOLOGICAL MAPPING – “MR SHOWING” AREA**

As described in the “History” and “Mineralization” sections of this report, the “MR Showing” represents the target that has seen the most extensive work. Since discovery of malachite-azurite in 1990,

in a logging road-cut by local prospector Ralph Keefe, extensive soil geochemistry and limited trenching (295 linear meters, six trenches) and diamond drilling (1991-92, 14 holes, 1,252.5 meters) have been conducted. Copper and silver mineralization is very subtle, and hosted in feldspathic and fossiliferous sandstone, identified as Smithers Formation of the Upper Triassic-Middle Jurassic Hazelton Group that is fractured, carbonate altered and mineralized with finely disseminated chalcocite, and minor bornite. The showing area was reclaimed and revegetated, and with low, rolling relief, outcrop exposure is very limited. On weathered and oxidized exposures, weak secondary malachite and azurite may be present, but primary mineralization is very difficult to recognize, even in drill core. Soil geochemistry is the preferred exploration tool to identify additional targets in the "MR Showing" area.

The objective of the August prospecting and geological mapping program was to confirm the style of mineralization and test soil anomalies for new outcrop/float mineralization, away from the known showings, to expand the footprint of the mineralized sandstone. Results are included in Table 4, and were reported by Glacier Lake Resources Ltd., on October 12, 2017:

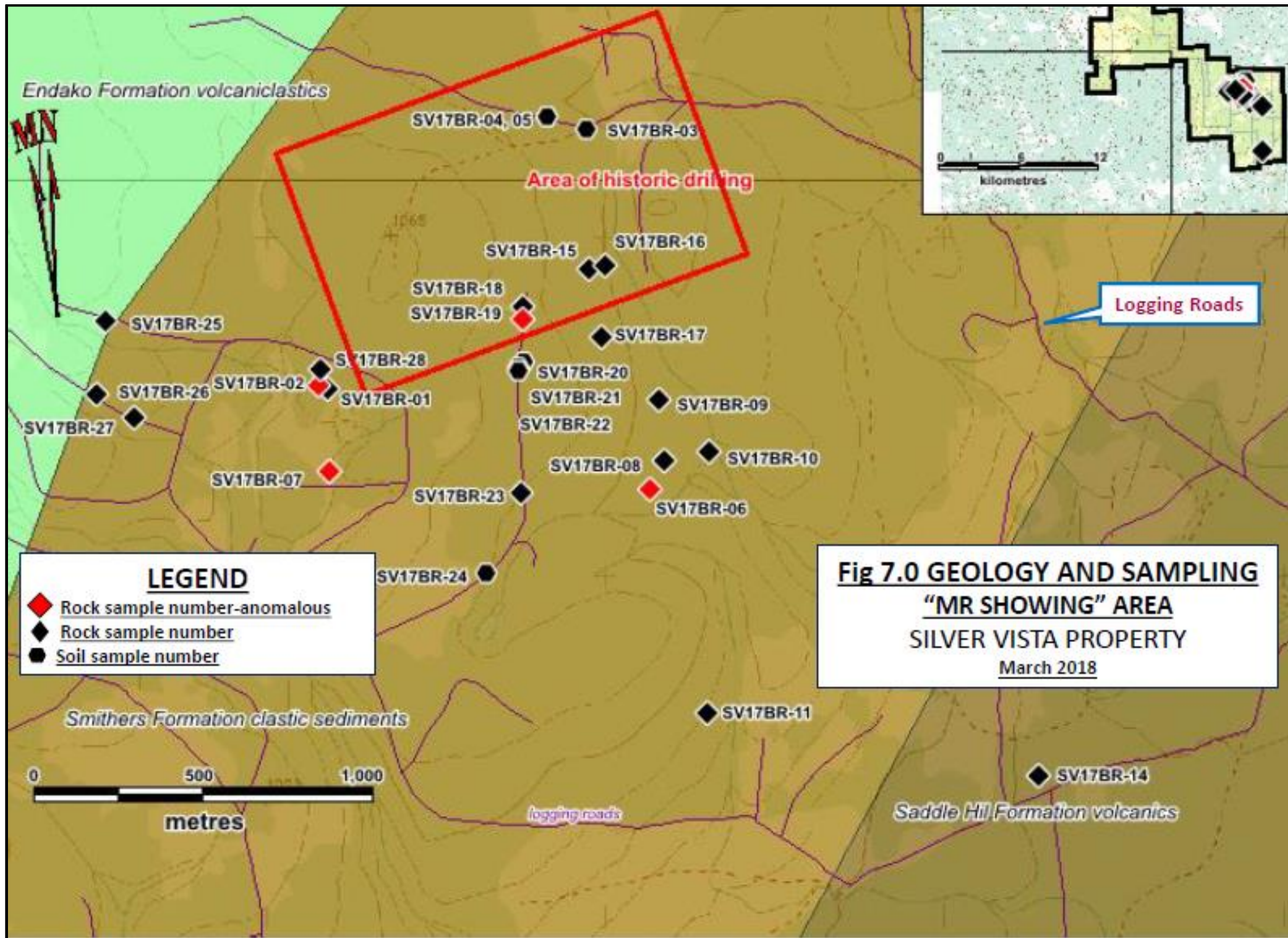
*"Key results from the 28 samples taken include:*

- *SV17BR-19 returned 46 grams per tonne silver and 8,570 parts per million (0.857 per cent) copper from a tabular piece of sandstone float 600 metres to the south of main showing area. This was a grab sample of abundant iron oxide with some fracture manganese oxide and malachite in very strongly iron carbonate altered sandstone.*
- *SV17BR-02 returned 6.1 g/t Ag and 1,065 ppm (0.106 per cent) Cu from an iron rich intensely carbonate quartz altered float cobble, lying approximately 1,000 metres southwest of the main showing area. The alteration was so intense the original lithology could not be determined.*
- *SV17BR-06 returned 13.9 g/t Ag and 56 ppm Cu from rusty angular to subrounded float cobbles of sandstone. The sample is strongly carbonate altered with rusty fractures and manganese staining and was located 1,100 metres south of the main showing area.*
- *SV17BR-07 returned 8.9 g/t Ag and 162 ppm Cu from rusty orange weathered angular float pieces of sandstone. The sample was located 1,250 metres southwest of the main showing area.*

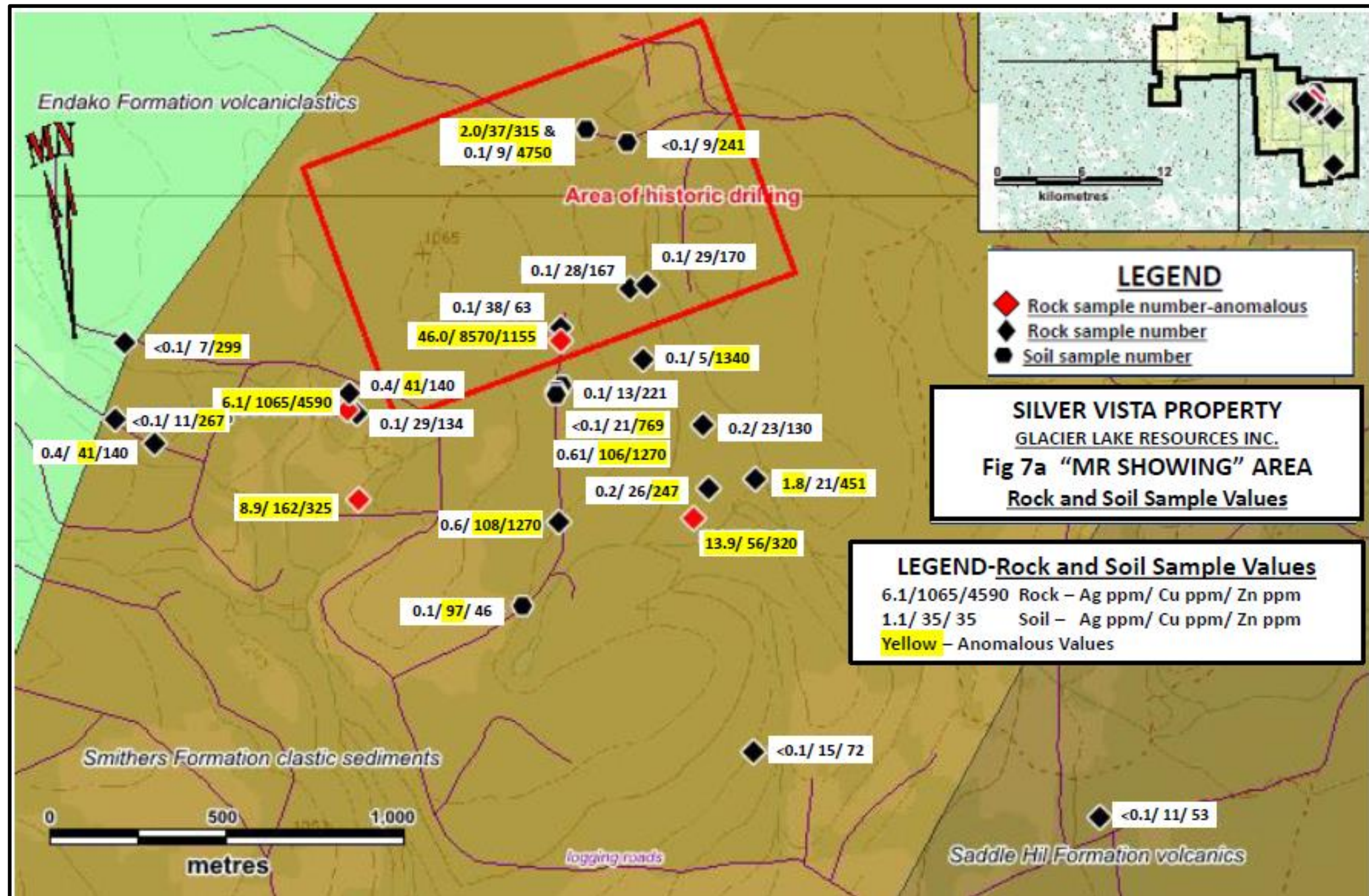
*An additional 22 rock samples were taken during the sampling program with values of these samples ranging from background to two g/t Ag and five to 117 ppm Cu. The bulk of these samples were angular to subrounded float samples, largely of sandstone, concentrated in the area to the south of the known showing."*

All samples from the phase I surface program were sent to ALS Minerals Ltd.'s North Vancouver, B.C., laboratory, an 17025:2005 certified facility. All samples were collected by Mammoth Geological Ltd. personnel and securely stored until delivery to ALS Minerals. At this early stage of exploration, Glacier Lake is relying on the certified standards utilized by ALS Minerals as part of its analysis protocols. No quality assurance/quality control anomalies were noted in the analyses.









**TABLE 4 – “MR SHOWING AREA” – SILVER VISTA PROPERTY - SAMPLING, LOCATION, DESCRIPTION AND RESULTS**

Sample No	83Z9E	83Z9N	Description	ppm Ag	ppm Cu	ppm Pb	ppm Zn
SV17BR-01	647173	6117554	Pale olive green quartzose sandstone w/ abundant tiny dark rusty-orange Fe Oxide + Fe Carb(?) filled cavities, Mn Oxide on fractures. Angular float grab.	0.1	29	6.7	134
SV17BR-02	647148	6117568	Intensely Fe-rich Carb-Quartz altered and brecciated rock (protolith unknown). Ellipsoidal float cobble 12.5 x 20 x 25 cm dimensions.	6.1	1065	51.1	4590
SV17BR-03	647935	6118330	12-cm wide band of intensely Carb altered rock (protolith unknown), w/ dark orange Fe Oxide layer 2-3 cm thick. Dissem fine-gr black metalics (?) <1%; local mm-scale calcite vnlts. Subcrop grab.	<0.1	9	13.8	241
SV17BR-04	647822	6118367	Medium-dark green glauconitic sandstone, highly fractured w/ abundant Mn Oxide; some fossil casts. 20-cm wide chip outward from contact w/ brecciated Carb vein. Disturbed subcrop.	2	37	17.5	315
SV17BR-05	647821.5	6118367	Chip across 7-cm avg width of dark rusty-orange weathered, brecciated Carb (Calcite-Dolomite-Ankerite) vein; contiguous w/ Sample BR-04. Disturbed subcrop.	0.1	9	247	4750
SV17BR-06	648126	6117261	Composite Float: Rusty orange, oxidized, angular to sub-rnd'd float cobbles w/ rusty frags & minor Mn-oxide stain; strongly carb altered matrix; poss. sandstone unit w/ evidence of fossil casts.	13.9	56	20.4	320
SV17BR-07	647178	6117315	Rusty-orange weathered weakly to moderately Carb altered glauconitic sandstone. Composite grab of ~12 small angular float pieces dug out from original soil sample hole.	8.9	162	21.7	325
SV17BR-08	648172	6117346	Composite Float: Rusty wthr'd, mod to str Fe-carb altered sandstone unit w/ trace mm-scale carb stringers; hosts 2 rusty, mottled, ang-subrnd'd brx clasts; pebble to cobble size pos up to 4 cm thick.	0.2	26	11.5	247
SV17BR-09	648155	6117525	Dark green-grey fossiliferous glauconitic sandstone; no Fe Oxide/Carb alteration. Float grab from original soil sample hole.	0.2	23	7.5	130
SV17BR-10	648300	6117371	Strongly Fe-rich Carb altered sandstone. Several pieces angular float from original soil sample hole (Grid Station 8300E -7375N)	1.8	21	15.4	451
SV17BR-11	648297	6116597	Float Composite: Strongly Fe-carb altered sandstone(?) w/ Fe- and Mn-oxide stained frags, & mm-scale stringers in one pc; pervasive lim-Fe-carb internal alt'n as irreg patches, clots & disseminations.	<0.1	15	3.7	72
SV17BR-12	649160	6112989	Intensely Carb altered andesite(?) w/ Qtz-Ank vnlts, Py stringers & clots, also minor dissem Spec Hem & PbS. Overall sulfides 1-2%. Abund FeOx on sfc & in frags. Road ditch float, off pty.	1.4	47	312	1605
SV17BR-13	649166	6112984	Float: 2 str gossanous bldrs up to 23cm thick w/ limonitic-red-orange coating; str qz-carb(ankerite) altr'd; minor py as fn diss, blebs, small patches, <1mm stringers; 1.5 cm wide qz vein; irreg qz clots, patches.	0.5	56	53	1115
SV17BR-14	649274	6116412	Float: Angular frag 10-12 cm thick; pale grey vfg sandstone(?) w/ 1cm limonitic rind; hosts large bivalve fossil frag; dense, compact, well indurated w/ no sed'y characteristics.	<0.1	11	11	53

SV17BR-15	647947	6117909	Moderately to strongly Fe Oxide/Carb altered fossiliferous glauconitic sandstone. Composite chips from angular float pieces 2m apart. Excavated material from historic trench T15.	0.1	28	14.8	167
SV17BR-16	647994	6117923	Same rock type & alteration as that in sample BR-15, but also some Mn Oxide w/ limonite on fractures. Composite of several small angular pieces in thin soil layer, near suspected bedrock.	0.1	29	10.2	170
SV17BR-17	647987	6117709	Dark rusty-orange intensely pervasively oxidized glauconitic sandstone. Limonite content estimated 30% by volume. Angular float at historic trench (T18) and apparent drill site.	0.1	5	54.7	1340
SV17BR-18	647754	6117802	Very strongly Carb altered rock (sandstone?) w/ ~1 cm thick Fe Oxide rind; mm-scale Calcite-Ankerite stringers, trace fine Py, minor carbonaceous matter. Tabular float piece, 12.5 cm thick.	0.1	38	8.5	63
SV17BR-19	647751	6117760	Very strongly Fe Carb altered sandstone w/ abundant Fe Oxide + some Mn Oxide & Malachite on fracture sfc; blebs & streaks of carbonaceous matter. Float, single tabular piece - 8 cm thick.	46	8570	49.2	1155
SV17BR-20	647750	6117640	Rusty-orange and reddish (hematitic) weathered, intensely Carb altered rock (sandstone?) w/ abundant Fe/Mn Oxides on fractures. Composite grab, many small angular pcs over 2m x 1m.	0.1	13	8.2	221
SV17BR-21	647734	6117624	Composite Grab: broken subcrop on roadcut; str gossanous, limonitic-orange wthr'd, qz-carb-lim altr'd sandstone(?) w/ pervasive lim frags, stringer to dendritic Mn-oxide in matrix; trace vfg diss py.	<0.1	21	18.4	769
SV17BR-22	647735	6117614	Same rock type as that of sample BR-21, but w/ much stronger Fe Oxide/Carb alteration. Numerous +/- 1-mm width Ankerite stringers. Broken subcrop, grabs from 2 spots 2m apart.	0.6	108	83.3	1270
SV17BR-23	647747	6117250	Same rock type / alteration as per samples BR-21 & 22, but w/ a more dense network of Ankerite + Siderite stringers. Chips from subrounded float cobble, ~15 cm thickness.	<0.1	10	16.6	831
SV17BR-24	647643	6117017	Strongly clay altered, sheared volcanic (?) subcrop. Rock is friable and contains abundant pale green zeolite (?) mineralization. Semi-continuous chip sample over 1.0 m.	0.1	97	5.6	48
SV17BR-25	646518	6117759	Strongly Carb altered volcanic (?) rock w/ abundant coarse Calcite veins/masses up to 2.5 cm width. Pale grey internally, non-grainy texture, unknown greenish mineral component. Float.	<0.1	7	18.8	299
SV17BR-26	646492	6117538	Dark rusty-orange weathered Siderite-Ankerite-Calcite vein ~15 cm width; trace mm-scale clear Qtz stringers. Chips from single subangular float fragment in a till bank.	<0.1	11	9.9	267
SV17BR-27	646604	6117472	Dark rusty-orange weathered breccia w/ dominantly Silica + (lesser) Carb matrix and angular clasts of silicified, dense med-grey rock of unknown type. Chips off subrnd float bldr 30cm thick.	0.1	117	26.7	1005
SV17BR-28	647154	6117616	Weakly to moderately Fe Carb altered sandstone w/ abundant Fe/Mn Oxides on fracture sfc. Composite grab of many small pieces angular float.	0.4	41	9.9	140
Blue shaded description is a float sample							



## **7.1 PROSPECTING AND GEOLOGICAL MAPPING – “GOLDEN VISTA (SV-3)” AREA**

The Golden Vista target area (formerly SV-3 target area) was visited for the first time by Company personnel in September 2017. Helicopter supported, prospecting, rock and soil sampling, and geological mapping was completed over the Golden Vista area located approx. 22 kilometres northwest of the MR showing. Previously (2012-2013) Amarc had conducted wide spaced soil geochemistry over the Golden Vista target and strongly anomalous gold-in soil values of 6.33, 2.81, 1.26, 1.21, and 0.65 parts per million gold (=g/t Au) were returned. The Golden Vista discoveries are in an area 1,400 metres by 1,000 metres.

Outcrop exposure is modest and soil sampling remains an effective tool to define buried targets. Silver values in the soils are enriched and widespread, with more than 37 per cent of the soil samples returning plus one g/t Ag (+ 1 ppm) in the soils. The 90th percentile of the 53 soil samples is 0.11 g/t Au, 3.2 g/t Ag and 880 ppm lead. Results are included in Table 5, presented in Figures 8, 9, 9.1 and 10, and were reported by Glacier Lake Resources Ltd., on November 2, 2017:

*“Glacier Lake Resources Inc. has reported multiple new mineral showings in an area designated as the Golden Vista zone, located on the Silver Vista property, near Smithers, B.C. The highlight is an outcrop select grab sample including a two-centimetre massive pyrite-galena stringer within siliceous, altered mineralized sediments, returning 16.90 grams per tonne gold (g/t Au), 196.0 grams per tonne silver, 12.6 per cent lead, 11.9 per cent zinc. Investors are cautioned that these samples are selective samples and are not necessarily representative of the mineralization hosted on the property.*

*.... Highlights of the recent Golden Vista discoveries include:*

*The mineral showings are in a minimally explored area of the property, with no previously known mineral showings or historic prospects. The new showings resulted from a limited prospecting-geological mapping program, involving a three to four-person crew, serviced by helicopter from Smithers. In total 28 grab rock samples were taken from outcrop or subcrop locations while prospecting, and 53 soils samples were taken.*

*Target GV-2 is located in a steeply incised stream drainage and comprises three outcrop grab samples, hosting semi-massive sulphides (pyrite-galena) in altered, siliceous, gossanous sediments. Sample #02681 returned 5.37 g/t Au, 110 g/t Ag, 5.05 per cent Pb, and 11.60 per cent Zn from a pyrite-galena gossan. Sample #02681 assayed 16.9 g/t Au, 196 g/t Ag, 12.60 per cent Pb and 11.90 per cent Zn from a two cm massive sulfide vein. Sample #16079 comprises coarse grained galena in a highly silicified sedimentary unit, which returned 4.47 g/t Au, 34.00 g/t Ag, 1.72 per cent Pb, and 5.02 per cent Zn. The GV-2 zone is a high priority target for follow-up.*

*Target GV-1 was investigated to confirm gold-and-silver soil anomalies from wide spaced (plus/minus 300-metre spacing) reconnaissance soil sampling completed in 2012 to 2013, in an area of rugged topography. Soil sample #2668 from this location returned 0.34 g/t Au, 15.45 g/t Ag, 0.29 per cent Pb, and 0.26 per cent Zn. Soil sample #2669, nearby returned 1.68 g/t Au, 28.90 g/t Ag, 0.44 per cent Pb, and 0.36 per cent Zn. Outcrop rock samples from the same location of altered, gossanous sediments returned anomalous gold values of 0.141 g/t Au and 0.118 g/t Au, suggestive that the source of the soil geochemical anomalies may be further up-slope.*

*The GV-1 target alteration zone was projected to the south-east and an outcrop location approximately 350 metres along strike was discovered comprising siliceous, moderately gossanous sediments. Three chip samples were taken at this location, with anomalous gold (0.04, 0.18 and 0.26 g/t Au), and silver, (4.6, 7.1, and 16.3 g/t Ag), and*

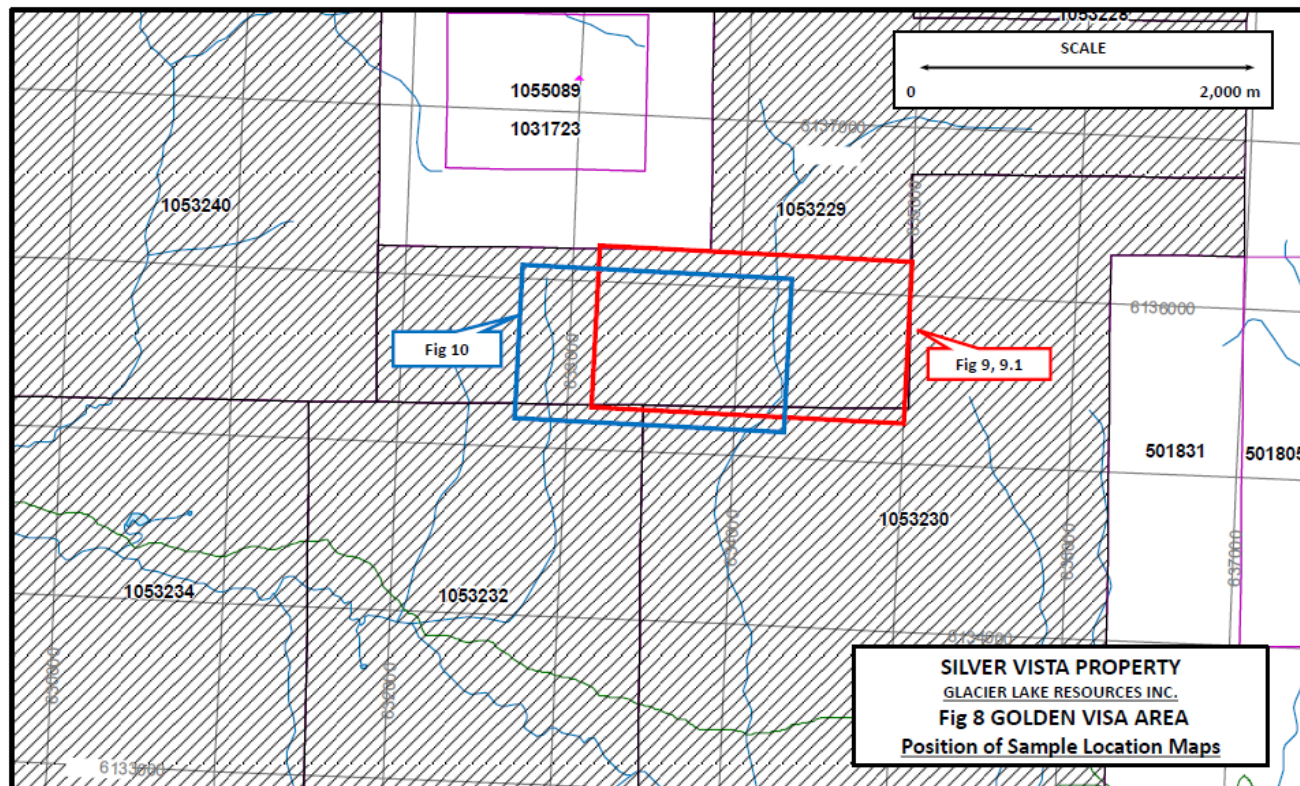
strongly anomalous lead (0.65, 0.12, and 1.11 per cent Pb). These anomalous values and associated metals (arsenic, antimony and mercury) are supportive of structural continuity of the GV-1 alteration/mineralized zones.

Target GV-4 was tested by three soil samples with anomalous gold values. Soil sample #16082 returned the highest gold-in-soil value of the fall survey, with 2.75 g/t Au, 3.4 g/t Ag, and 781 ppm (parts per million) Pb.

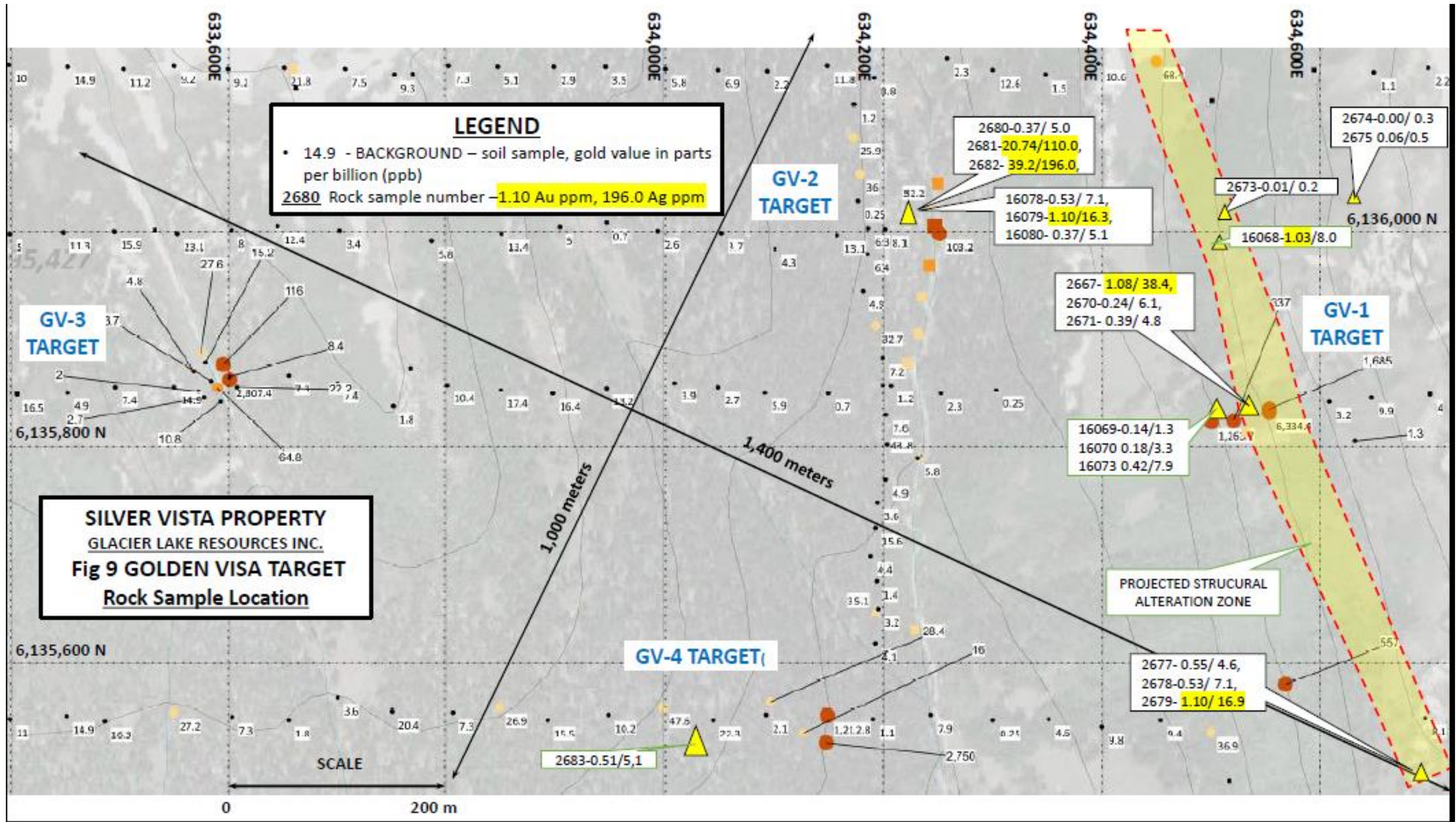
Three other targets are defined by anomalous soil and/or rock geochemistry in the Golden Vista area. Outcrop exposure is modest and soil sampling remains an effective tool to define buried targets. The Golden Vista discoveries are in an area 1,400 metres by 1,000 metres. Several anomalous gold-in-soil anomalies were not visited during the recent program.

A preliminary analysis of the soil and rock geochemistry suggest that the Golden Vista mineralization is representative of an enhanced gold-silver-lead-zinc system.

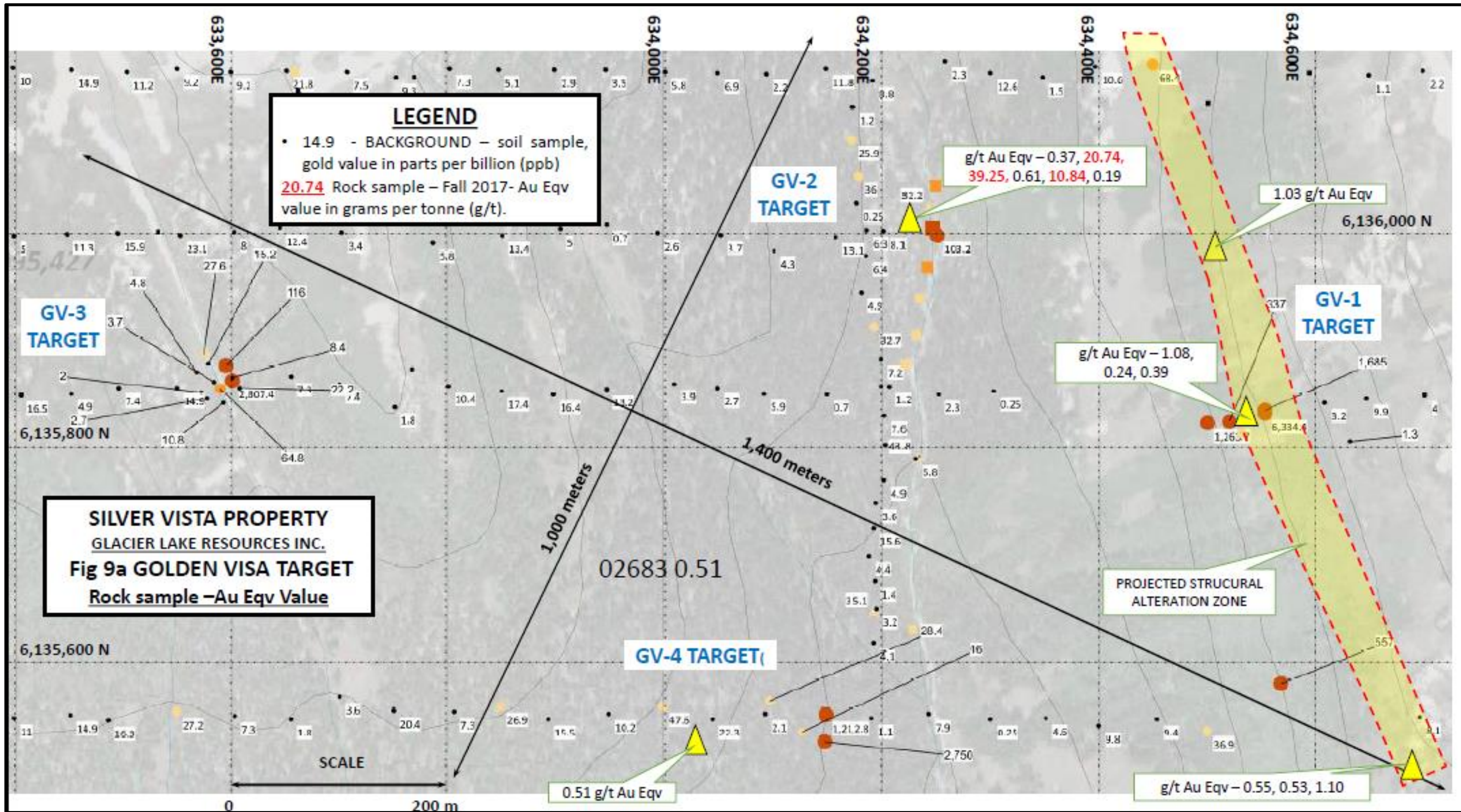
All samples from the Golden Vista surface program were sent to the ALS Minerals Ltd. North Vancouver, B.C., laboratory, an 17025:2005 certified facility. All samples were collected by Exploration Facilitation Unlimited Inc. personnel and securely stored until delivery to ALS Minerals. At this early stage of exploration, Glacier Lake is relying on the certified standards utilized by ALS Minerals as part of its analysis protocols. No QA/QC anomalies were noted in the analyses.



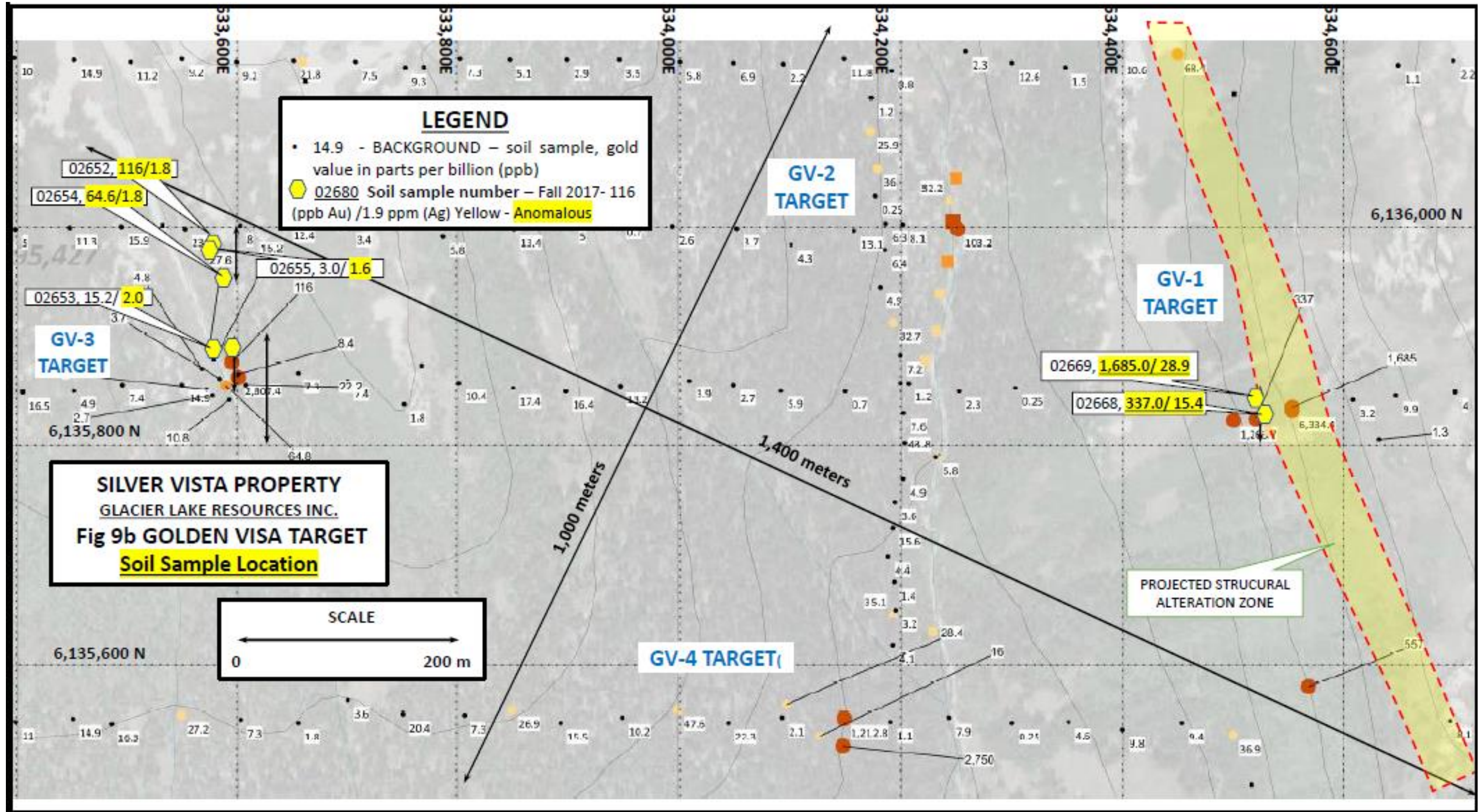




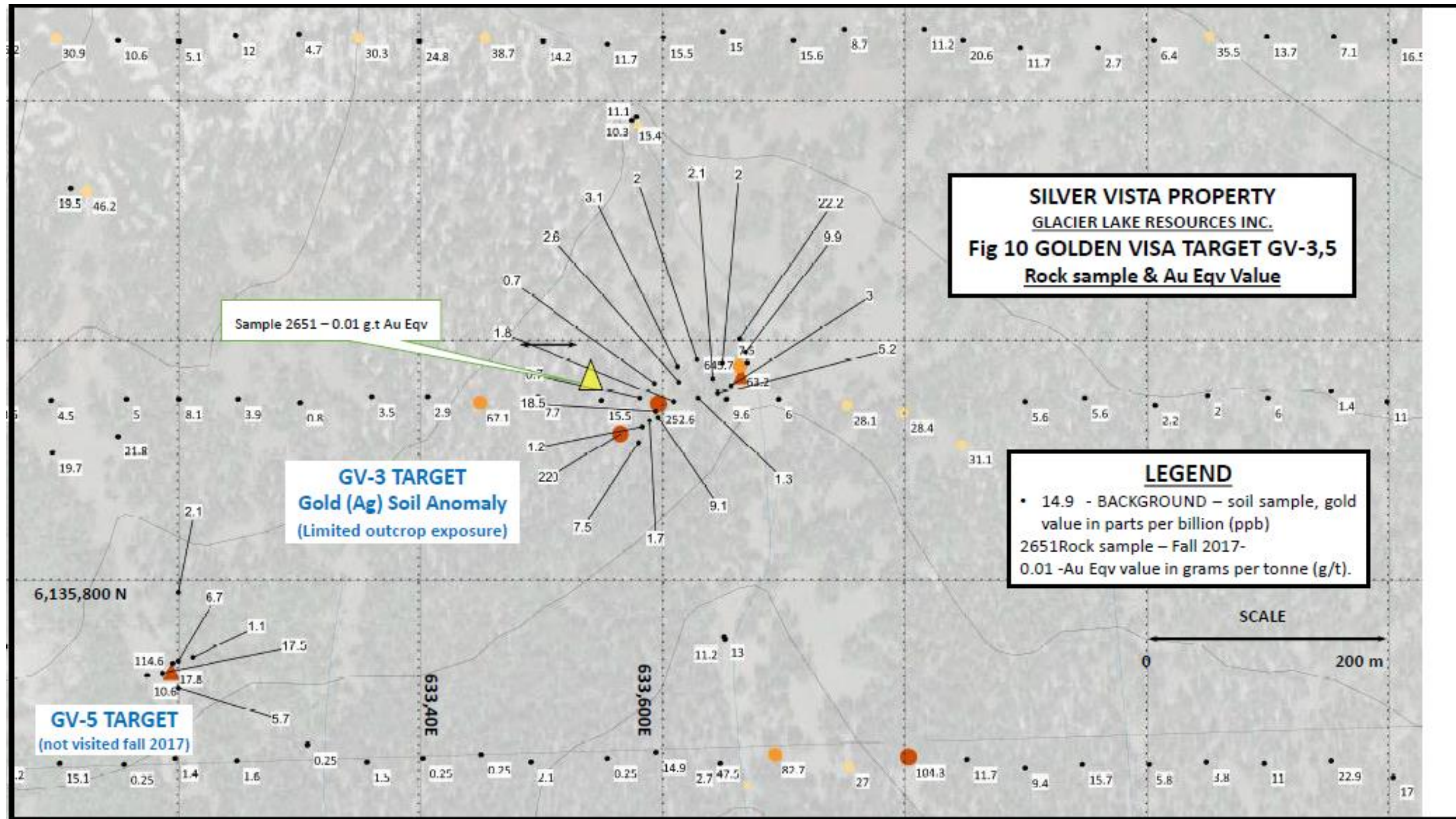




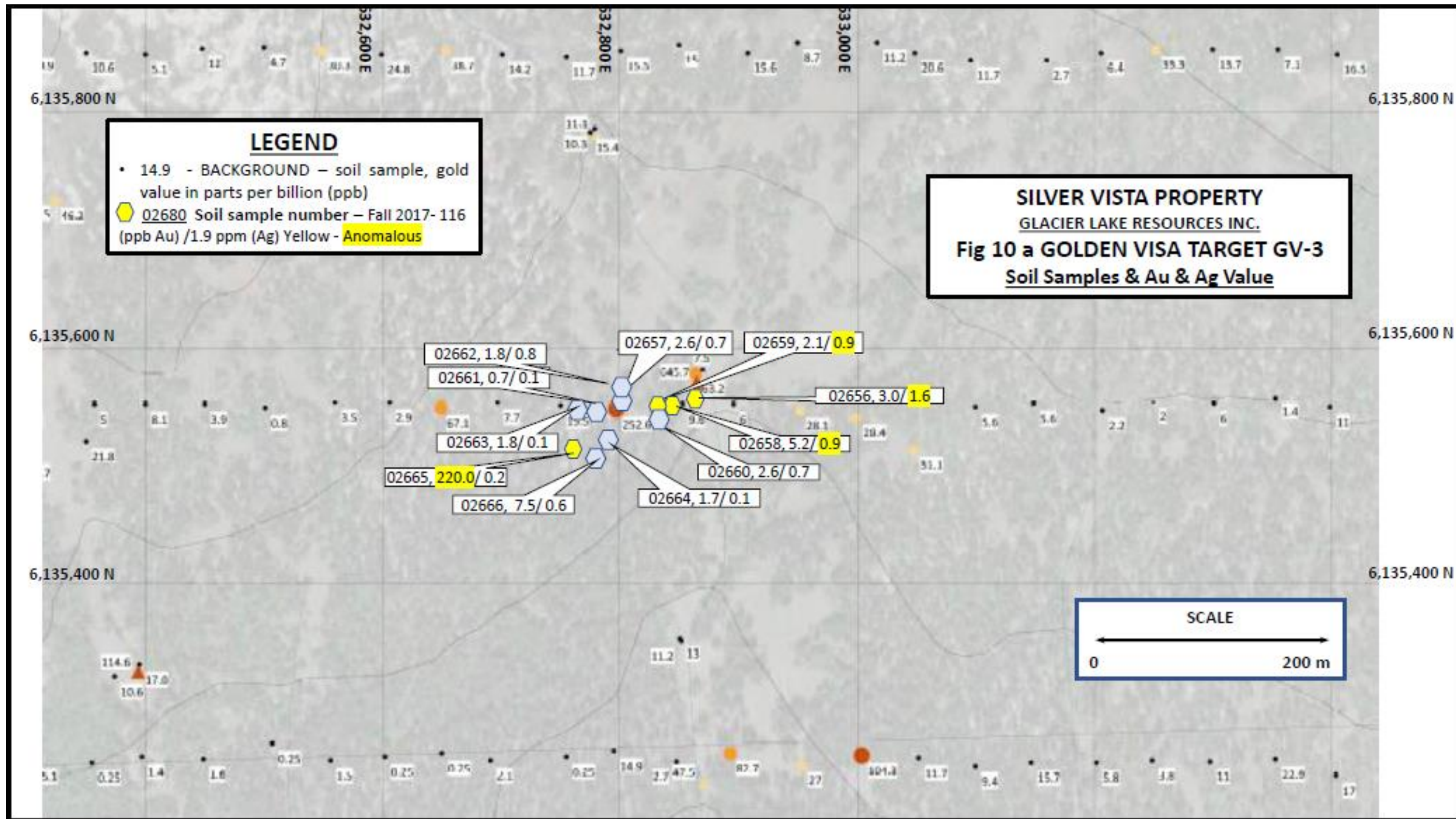




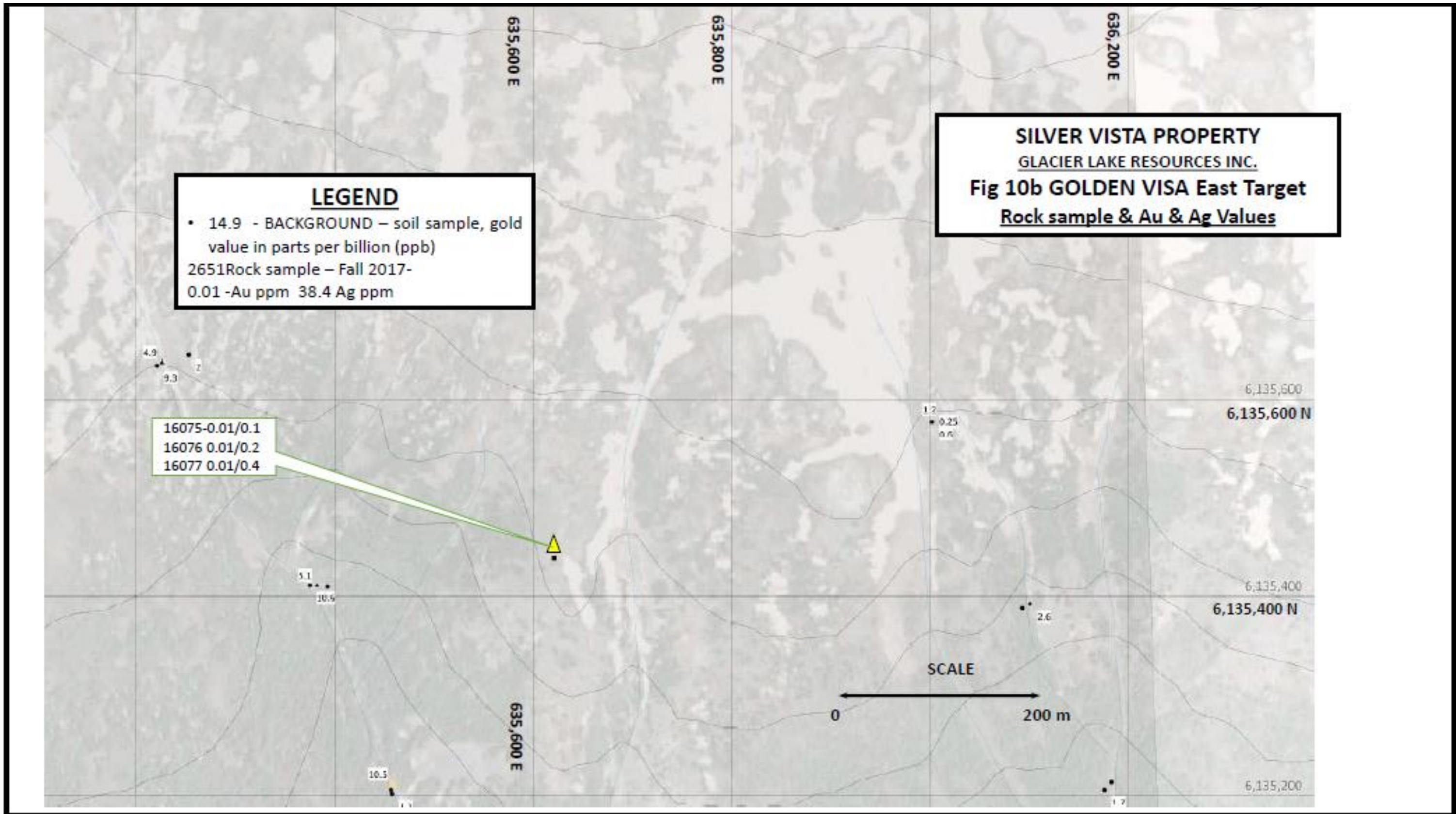














**TABLE 50 - ROCK SAMPLE INFORMATION - GOLDEN MSTA AREA**

Sample #	Easting	Northing	B/S/ O		Description	Au Eqv ppm	Au FINAL ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Fe%
02651	633544	6135982	O	1	Sediment/ fine clast conglomerate. Fg sulphides disseminated throughout. Strong association between Qz and sulphides. Weak to moderate carbonate alteration.	0.01	0.0012	0.034	3.4	24.1	4.92	39.4	4.75
02667	634516	6135822	O	2	Dirty sandstone, greyish, silicified, fg. Sample is very gossanous, w/fg disem. py. In fracture, vein very altered. Altermet zone is ~10 cm wide, 120/300, vertical. Non mag, parallel to bedding, frac.	1.08	0.22	38.4	1790	44.4	10650	1070	4.03
02668					See soil records	0.00							
02669					See soil records	0.00							
02670	634554	6135835	O	3	Gossanous altered sediments, yellow colour (sercite). Siliceous with trace pyrite, sample over 0.5 m, chip, strike 143/dip 81 E	0.24	0.141	6.06	467	63.9	1065	293	3.65
02671	634557	6135833	O	4	Extremely altered dirty sandstone, seds. very gossanous, lim onite, orange yellow weathering	0.39	0.118	4.8	287	37.4	3150	449	2.87
02673	635338	6136199	O	5	Reddish/ rock , conglomerate/seds. On scree slope near similar rock, Minor gossan	0.01	0.0009	0.18	7.21	10.6	18.95	50	2
02674	635633	6135415	O	6	heavily silicified volcanic mafics, cherty texture w/fg disem py, red gossan. O/c, surrounded by non o/c. volcanic mafic boulders nearby w no gossan	0.02	0.0099	0.323	5.41	42.9	6.57	64.6	2.23
02675	635631	6135428	S	7	Very rusty and gossanous. Super silicified undeterminable parent rock. 7-10% sulphides in fg crystals disseminated throughout. Mostly Py with minor Calco.	0.06	0.0568	0.557	11.3	261	10.6	11.9	4.72
02676	635601	6135439	O	8		0.00	0.0028	0.153	2.87	50.5	4.93	20.1	1.88
02677	634689	6135506	O	9	Intensely siliceous material, plus qtz veining, bleached, brecciated, light brown colour, trace fresh pyrite, moderately limonitic, chip over 1 m	0.55	0.0423	4.58	600	21.8	6530	412	1.38
02678	634689	6135506	O	10	Arenite, and fragmental, weakly siliceous, oxidized fracture fillings, chip over 1.5 m	0.53	0.181	7.12	1295	20.6	1190	3040	1.86
02679	634695	6135613	O	11	Moderate gossanous, limonitic, light gray siliceous altered sediments, trace pyrite, brecciated and cemented, strike 143, photos with pack, chip over 1 m	1.10	0.262	16.3	1245	27.9	>10000	369	2.92
02680	634238	6136042	O	12	undeterminable parent rock due to silicification. Gossin and limonite weathering. Blueish grey colour. Py throughout in fg crystals and in small crystal clusters/blebs. 10% Py and minor fg Galena. Possibly some other undetermined sulphides. Sample taken on W side of creek near previously sampled anomalous gold sample.	0.37	0.0353	5.01	266	39	2090	2070	3.17
02681	634244	6136008	O	13	semi massive sulphides (60% py, 40% galena) py: fg-med, gal: coarse. Parent rock: highly silicified w/gossan. High specific gravity, non mag	20.74	5.37	>100	>10000	398	50500	116000	24.6
02682	634243	6135973	O	14	Vertical 2 cm vein, crosscutting parent rock at 130/200. Semi massive py (30%) 70% coarse g galena. Non mag. parent rock highly silicified, See photos	39.25	16.90	>100	501	244	127000	119000	9.85
02683	634131	6135526	S	15	Subangular subcrop with contact of medium clast conglomeratae with dark matrix and indeterminable rock due to silicification. 3% sulphides in silicified part of sample, mostly Py with trace galena. Py throughout as fg disseminated crystals and in fg crystal clusters. gossin weathering on silicified side of rock. taken near anomalous gold soil sample.	0.51	0.35	5.07	1005	19.6	1305	760	3.32
16055	633568	6135844	S	16	Silicified sandstone with gossin weathering. Disseminated fg sulphides throughout and in fg crystal clusters. Possibly sercite alteration. Rock has a cherty texture. Sample take in area near anomalous gold soil sample in area of broken up subcrop.	0.02	0.0035	0.161	5.03	11	46.4	109	2.1
16068	634517	6135812	O	17	Super silicified vein in outcrop of dirty sandstone country rock. Gossin and limonite weathering. Qz is blueish/grey coloured and band of silicification is 7cm wide. Fg disseminated sulphides throughout, mostly Py with possibly trace calco.	1.03	0.223	7.95	427	192.5	1230	8190	4.28

Sample #	Easting	Northing	B/S/ O		Description	Au Eqv ppm	Au FINAL ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Fe%
16069	634517	6135817	O	18	Silicification alteration band in dirty SST. Py 7% as fg disseminated xtals. Rock is strongly gossaneous. Sil'n bleeds weakly out beyond 10cm band @ 140/ vert.	0.14	0.0564	1.32	576	15.15	198	791	2.26
16070	634550	6135826	O	19	Blowout in vien of silicification of dirty sandstone country rock. Limonite and gossin weathering. Blowout is 2-10 cm wide.5% Py in fg crystals dissiminated throughout and small crystal blebs <3mm.	0.18	0.0861	3.35	245	17.15	1000	227	2.03
16071	634560	6135831	O	20	seam of corroded/ rotten Sil altered rock. Possibly discontinuous but unclear as it disappears into O/B. Multiplle similar within 5m. Gossan/ limonite/ corrosion mask all features other than minimal Qz. Host is dirty sandstone.	0.42	0.226	7.91	520	37.8	2360	321	2.08
16073	634566	6135808	O	21	completely corroded/ rotten seam of gossaneous rock-- turns to near soil when hammered. Oriented 135-315 but O/B covered in both directions.	0.10	0.0572	1.33	809	18.7	142.5	412	1.56
16075	635619	6135445	O	22	Rock comprised of Qz-Py-gossan/ limonite on all surfaces. Py 7% disseminated throughout as vfg xtals, often in clusters. Parent rock appears to be an intermediate volcanic-- dacite?	0.01	0.0081	0.132	7.4	78.4	11.05	17.1	9.02
16076	635607	6135436	O	23	Intensely Sil altered 80%- gossan 10% altered dacite with Py 5% as disseminated fg xtals.	0.01	0.0043	0.217	14	70.1	7.92	20.9	3.24
16077	635624	6135435	O	24	Intensely Sil 70% altered dacite with strong gossan/ limonite. Py 5% disseminated throughout as vfg xtals and clusters of same.	0.01	0.0102	0.381	3.12	300	6.94	46.1	3.65
16078	634237	6136043	O	25	light grey, vfg Sil altered (possibly sed) with Py 5% as disseminated fg xtals and Gn 0.5% as fg xtals weakly disseminated.	0.63	0.233	5.58	693	32.1	2160	2700	4.17
16079	634243	6136011	O	26	Semi-massive sulphides. 35% Fg to medium grain Py, 35% fg to coarse grain Galena, with seams of undeterminable sulphides. Seam of sulphides is in a silicified country rock containing 10% fg Py.	<b>10.84</b>	<b>4.47</b>	34.00	>10000	151.5	17200	53000	10.65
16080	634257	6135934	O	27	intensely Sil altered volcanic (dacite?) with strong gossan. Py 10% as seams of fg xtals and as disseminated fg xtals. (Gn) disseminated as fg xtals.	0.19	0.0749	1.045	260	15.1	206	1145	3.75
16081	634153	6135554	S	28	angular 60cm boulder (likely from close by as highly angular) with gossan. Conglomerate with mg clasts and strong silicification. Py 5% (Sph) as fg xtals disseminated and in clusters.	0.51	0.205	8.49	330	28.3	2020	1815	2.61

**TABLE 5 - SOIL SAMPLE INFORMATION - GOLDEN MSTA AREA**

Sample #	Easting	Northing	Depth (cm)	Description	Au	Au	Ag	As	Cu	Pb	Zn	
					ppb	ppm	ppm	ppm	ppm	ppm	ppm	
02652	633595	6135877	1	20	brown clayey silt	116	0.116	1.785	670.0	25.2	574.0	450.0
02653	633579	6135879	2	15	brown clayey silt	15.2	0.0152	2.030	272.0	32.4	566.0	674.0
02654	633590	6135855	3	5	brown clayey silt	64.8	0.0648	1.845	798.0	25.4	1125.0	951.0
02655	633575	6135888	4	7	light brown silty clay	27.6	0.0276	2.390	397.0	19.45	695.0	453.0
02656	632857	6135563	5	18	Silty sand, med brown	3	0.003	1.585	149.5	22.8	98.6	266.0
02657	632814	6135566	6	25	Sandy clay, med brown	2.6	0.0026	0.696	98.3	25.3	61.2	224.0
02658	632846	6135556	7	20	Chestnut silty sand	5.2	0.0052	0.922	88.8	19.8	51.7	193.0
02659	632842	6135569	8	20	Sandy silty clay, dark brown	2.1	0.0021	0.866	75.0	14.6	38.4	152.5
02660	632830	6135552	9	15	Chestnut silty sand	1.3	0.0013	0.716	47.8	10.5	27.5	86.7
02661	632794	6135565	10	30	Lighter brown silty clayey sand	0.7	0.0007	0.137	25.0	10.45	18.95	98.0
02662	632810	6135549	11	15	Chestnut sandy silt wth minor clay	1.8	0.0018	0.764	72.7	15.15	41.4	127.5
02663	632782	6135552	12	15	Greyish brown, sandy clayey silt	0.7	0.0007	0.334	36.7	9.9	31.8	105.5
02664	632790	6135533	13	20	slightly orangish brown sandy silt	1.7	0.0017	0.12	48.5	7.97	30	90.7
02665	632766	6135522	14	20		220.0	0.22	0.179	22.7	6.34	18.4	50.6
02666	632781	6135515	15	25	reddish brown sandy silt with pebbles	7.5	0.0075	0.606	57.4	13.15	36	156.0
02668	634521	6135824	16	20	med brown soil, pale yellow colour, very steep slope	337.0	0.337	15.450	2480.0	71.6	2880.0	2560.0
02669	634554	6135835	17	20	brown-reddish (rusty) Bwn, rubbly soil	1685.0	1.685	28.900	5900.0	113.5	4390.0	3580.0
02672	635340	6136198	18	5	exposed soil on surface of scree. Orangish brown sandy silt with pebbles	2.4	0.0024	7.310	14.6	23.8	178	90.4
02684	634098	6135565	19	10	med dark brown silty clay	28.4	0.0284	1.045	36.4	8.38	33.5	74.8
02685	632153	6135566	20	20	med brown clayey silt	3.3	0.0033	0.489	56.7	10.25	51.3	107.0
02686	632164	6135549	21	30	Medium brown clayey silt with slight orange/yellow tint.	5.2	0.0052	0.189	116.0	10.6	72.9	196.0
02687	632400	6135333	22	30	light brown clayey silt	6.7	0.0067	1.520	80.4	19.8	69.6	299.0
02688	632387	6135323	23	25	medium brown clayey silt	17.5	0.0175	0.504	96.7	16.45	56.7	223.0
02689	632400	6135311	24	25	Med brown clayey silt	5.7	0.0057	1.420	91.0	25.1	113	336.0
02690	632902	6134928	25	20	reddish sandy clay	1.5	0.0015	0.859	114.5	20.5	30.4	97.2
02691	632907	6134929	26	20	reddish/orangish brown sandy silt with minor clay	1.3	0.0013	1.0550	118.5	18.75	31.6	105.5
02692	632915	6134911	27	20	cinnamon coloured silty sand	4.1	0.0041	1.3500	140.0	26.2	31.9	136.5
16051	633601	6135866	28	10	dark to medium brown silty clay with loam	8.4	0.0084	1.4700	662.0	20.7	1295.0	394.0
16053	633608	6135856	29	15	medium brown clayey silt with pebbles and minor organic matter	22.2	0.0222	4.0300	789.0	23.9	905.0	387.0
16054	633593	6135842	30	25	medium brown clayey silt with pebbles and minor organic matter	10.8	0.0108	0.646	67.5	13.95	164	247.0
16056	633584	6135862	31	30	medium brown sandy loamy silt. In talus on W side of creek trough	3.7	0.0037	0.529	110.5	11.55	233	215.0

Sample #	Easting	Northing	Depth (cm)	Description	Au	Au	Ag	As	Cu	Pb	Zn	
					ppb	ppm	ppm	ppm	ppm	ppm		
16057	633572	6135852	32	15	dark orange tinted chestnut brown clayey silt with minor sand-loam. In talus	2	0.002	0.424	250.0	5.01	43.2	108.0
16058	633568	6135871	33	15	medium brown with dark orange tint silty clay	4.8	0.0048	0.496	423.0	13.95	157.5	202.0
16059	633578	6135846	34	20	dark to medium "chestnut" coloured clayey silt with trace organic matter	2.7	0.0027	0.733	386.0	11.55	118	175.0
16060	632795	6135541	35	25	orangish medium brown silt with minor sand. Replacement for historical sample 988443	18.5	0.0185	0.456	131.0	13.8	93.6	235.0
16061	632869	6135591	36	20	light to medium brown silty sand- almost equal of each	9.9	0.0099	0.559	68.6	9.5	49.5	170.0
16062	632864	6135602	37	30	orangish medium brown silty sand	22.2	0.0222	1.495	143.5	17.85	103.5	291.0
16063	632850	6135582	38	20	chestnut brown silt with minor sand and clay	2	0.002	1.245	61.4	13.1	36.5	123.5
16064	632829	6135585	39	20	chestnut brown silt with minor sand and clay	2	0.002	0.151	59.0	12.15	28.4	95.6
16065	632813	6135579	40	15	chestnut brown silt with minor sand and clay	3.1	0.0031	0.304	51.6	7.67	24.5	88.2
16066	632797	6135536	41	20	chestnut brown silt with minor sand and trace clay	9.1	0.0091	0.238	64.4	14.35	33.8	134.0
16067	632784	6135528	42	15	chestnut brown silt with minor sand and trace clay	1.2	0.0012	0.728	74.4	13.95	45.2	146.5
16072	634569	613581	43	3	exposed soil on surface of scree, light orangish yellow limonite and gossineous colour. Sandy silt with pebbles.	557.0	0.557	21.000	3500.0	87.4	6000.0	830.0
16074	634633	6135806	44	20	Medium brown sandy silt with abundant pebbles.	1.3	0.0013	0.324	60.3	12.65	72.5	164.5
16082	634149	6135527	45	35	medium brown with slight red-orange tint silt with minor clay and (sand)	2750.0	2.75	3.430	331.0	20.3	781	203.0
16083	634128	6135536	46	30	medium brown with slight red-orange tint silt with minor clay and (sand)	46.0	0.046	0.53	106.5	11.3	78.8	108.5
16084	632163	6135587	47	15	Medium brown with slight orange tint, clayey silt.	2.9	0.0029	0.291	63.7	9.01	47.8	141.5
16085	632148	6135586	48	25	dark to medium brown silt with minor clay	1.5	0.0015	0.765	72.7	9.26	72.9	121.0
16086	632141	6135569	49	20	light brown clayey silt	4.3	0.0043	0.195	59.9	8.93	51.2	144.5
16087	632412	6135336	50	20	medium brown clayey silt	1.1	0.0011	0.338	42.7	14.4	41.2	140.5
16088	632400	6135391	51	15	medium brown clayey silt	2.1	0.0021	0.353	90.8	15.5	66.8	213.0
16089	632886	6134946	52	15	orange tinted medium brown silt with (clay)	1.5	0.0015	1.295	38.1	11.75	22.5	58.9
16090	632873	6134935	53	20	red-brown silty sand	3.4	0.0034	0.437	77.8	17.95	49.3	117.0

<b>Comparison of Soil Survey -September 2017</b>		Au	Au	Ag	As	Cu	Pb	Zn
		ppb	ppm	ppm	ppm	ppm	ppm	ppm
Percentile 90%-Sept Program		105.8	0.106	3.2	668.4	25.4	880.2	452.4
Percentile 95%		425.0	0.425	10.6	1470.8	48.1	1929.0	878.4
Percentile 97%		1053.3	1.053	17.9	2928.8	78.6	3544.4	1659.0



## **8.0 INTERPRETATION AND CONCLUSIONS**

### **“MR SHOWING” AREA**

The “MR Showing” area is the mineralized zone that has seen the most extensive exploration, and remains the most advanced target, warranting a diamond drill program. Since discovery of malachite-azurite in 1990, extensive soil geochemistry and limited trenching (295 linear meters, six trenches) and diamond drilling (1991-92, 14 holes, 1,252.5 meters) have identified significant zones of copper and silver mineralization. The prospecting, sampling and geological mapping conducted in August 2017 has supported the previous exploration activities, with the following observations:

- Copper and silver mineralization is very subtle, and difficult to recognize in fresh, unoxidized samples. Extensive sampling is required, and the use of an in-situ analyzer (such as an XRF analyser) would be useful.
- Copper and silver mineralization is hosted in feldspathic and fossiliferous sandstone, identified as Smithers Formation of the Upper Triassic-Middle Jurassic Hazelton Group that is fractured, carbonate altered and mineralized with finely disseminated chalcocite, and minor bornite.
- The showing area was reclaimed and revegetated, and with low, rolling relief, outcrop exposure is very limited. In weathered and oxidized exposures, weak secondary malachite and azurite may be present, but primary mineralization is very difficult to recognize, even in drill core. Soil geochemistry is the preferred exploration tool to identify additional targets in the “MR Showing” area.
- Prospecting and sampling in the MR Showing during August 2017 returned 46 grams per tonne silver and 8,570 parts per million (0.857 per cent) copper from a tabular piece of sandstone float (sample SV17BR-19) 600 metres to the south of main showing area. This was a grab sample of abundant iron oxide with some fracture manganese oxide and malachite in very strongly iron carbonate altered sandstone.
- SV17BR-02 returned 6.1 g/t Ag and 1,065 ppm (0.106 per cent) Cu from an iron rich intensely carbonate quartz altered float cobble, lying approximately 1,000 metres southwest of the main showing area. The alteration was so intense the original lithology could not be determined.

### **“GOLDEN VISTA” TARGET**

The Golden Vista target area (formerly SV-3 target area) was visited for the first time by Company personnel in September 2017. Helicopter supported, prospecting, rock and soil sampling, and geological mapping was completed over the Golden Vista area located approx. 22 kilometres northwest of the MR showing. Previously (2012-2013) Amarc had conducted wide spaced soil geochemistry over the Golden Vista target and strongly anomalous gold-in soil values of 6.33, 2.81, 1.26, 1.21, and 0.65 parts per million gold (=g/t Au) were returned. The Golden Vista in-situ discoveries are in an area 1,400 metres by 1,000 metres.

The September program discovered five new mineralized areas, with rock samples from Target GV-2 returning 5.37 g/t Au, 110 g/t Ag, 5.05 per cent Pb, and 11.60 per cent Zn, and 16.9 g/t Au, 196 g/t Ag, 12.60 per cent Pb and 11.90 per cent Zn.

Outcrop exposure is modest and soil sampling remains an effective tool to define buried targets. Silver values in the soils are enriched and widespread, with more than 37 per cent of the soil samples returning plus one g/t Ag in the soils. The 90th percentile of the 53 soil samples is 0.11 g/t Au, 3.2 g/t Ag and 880 ppm lead. The Golden Vista area is an early-stage target, that warrants additional follow-up exploration to confirm and expand the multiple mineralized zones discovered in the modest September 2017 program.

## **9.0 DISCUSSION AND RECOMMENDATIONS**

The Silver Vista property lies in a prospective part of the Babine Lake area, in an area that hosts past producing copper deposits including Bell and Granisle Mines, and defined resources such as the Morrison deposit.

### **MR SHOWING AREA - Drill targets identified, diamond drilling proposed.**

The MR showing remains the highest priority target on the property, for stratabound, sedimentary hosted (sedex), copper and silver mineralization. The next phase of exploration should focus on drilling the MR showing area. A program of 2,000 meters is recommended (at \$all-in costs \$200/m) for \$400,000.

### **GOLDEN VISTA TARGET – Geological mapping, hand trenching, soil and rock sampling directed at a Phase 1 (helicopter-supported) diamond drill program.**

Results of the modest prospecting and sampling program in September 2017, returned significant precious and base metal mineralization in the Golden Vista area. This is an early-stage target, where

previously (2012-2013) Amarc had conducted wide spaced soil geochemistry, returning strongly anomalous gold-in soil values of 6.33, 2.81, 1.26, 1.21, and 0.65 parts per million gold (=g/t Au).

The September program discovered five new mineralized areas, with rock samples from Target GV-2 returning 5.37 g/t Au, 110 g/t Ag, 5.05 per cent Pb, and 11.60 per cent Zn, and 16.9 g/t Au, 196 g/t Ag, 12.60 per cent Pb and 11.90 per cent Zn.

Outcrop exposure is modest and soil sampling remains an effective tool to define buried targets. Silver values in the soils are enriched and widespread, with more than 37 per cent of the soil samples returning plus one g/t Ag in the soils. The 90th percentile of the 53 soil samples is 0.11 g/t Au, 3.2 g/t Ag and 880 ppm lead. The Golden Vista discoveries are in an area 1,400 metres by 1,000 metres. Further investigation is planned in the summer of 2018 to define and extent the zones of mineralization and establish drill targets over the Golden Vista zones. A field program directed at defining drill targets (not including drilling) comprising geological mapping, hand trenching, soil and rock sampling (helicopter-supported) is estimated at \$100,000 to \$150,000.

Respectfully submitted,

Robert Weicker Geologist

Multiple Metal Resources Ltd.

Vancouver, BC. March 15, 2018

Revised October 10, 2018

## **10.0 REFERENCES**

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## 11.0 STATEMENT OF COSTS

<b>SILVER VISTA PROPERTY - GOLDEN VISTA -Northwest Recon and mapping.</b>						
Item	Cdn\$/Unit	Unit per	Units	\$ Cdn	GST	Total Cdn
<b>SubContractor -Exploration Facilitation Unlimited Inc.-145 Walnut St., London, Ontario N6H 1A5</b>						
September 13 to September 27, 2017						
Logistics - Justin /Jennifer Rensby	\$40	\$/hr	10	\$400	\$20	\$420
Geologist - Justin's Rensby -Senior Geo	\$700	\$/day	9	\$6,300	\$315	\$6,615
Geologist - Geo/Prosp. Erik Wagenaar	\$500	\$/day	8.5	\$4,250	\$213	\$4,463
Prospector - Rachel Rensby	\$500	\$/day	8.5	\$4,250	\$213	\$4,463
Field radios	\$10	\$/day	6	\$60	\$3	\$63
Gun for bear safety	\$25	\$/day	6	\$150	\$8	\$158
Sat Phone	\$20	\$/day	6	\$120	\$6	\$126
<i>Agrees with Expl, Fac. Unlimited Invoice</i>			SUBTOTAL1	\$15,530	\$777	\$16,307
Travel Costs				\$4,008	\$204	\$4,213
Fuel and Truck Rental-Prince George				\$953	\$45	\$998
Food/Meals/Lodging -Smithers/PG				\$1,663	\$68	\$1,731
Shipping and Freight				\$544	\$38	\$583
Supplies and Equipment				\$817	\$27	\$843
Administration and Handling Fee				\$559	\$28	\$587
<i>Agrees with Expl, Fac. Unlimited Invoice</i>			SUBTOTAL2	\$8,544	\$411	\$8,955
<i>Exploration Facilitation Unlimited Inc</i>			SUB 1&2	\$24,074	\$1,188	\$25,261
<b>Glacier Direct Golden Vista Program</b>						
Geologist - RFW	\$700	\$/day	10	\$7,000	\$350	\$7,350
Flight to Smithers	\$1,000	\$/day	1	\$1,000	\$50	\$1,050
Rm & Board in Smithers \$125/day	\$125	\$/hour	11	\$1,375	\$69	\$1,444
Helicopter - 14 trips * 0.45 hrs	\$1,100	\$/hour	10.5	\$11,550	\$578	\$12,128
ALS ASSAY rock/soil	\$32	sample	150	\$4,800	\$240	\$5,040
Maps, printing, presentations				\$200	\$10	\$210
Report writing, assessment, etc	\$700	\$/day	0.5	\$350	\$18	\$368
			SUBTOTAL 3	\$26,275	\$1,314	\$27,589
<b>SILVER VISTA PROPERTY - SILVER VISTA PROGRAM "MR" SHOWING AREA Prospecting, and mapping.</b>						
Item	Cdn\$/Unit	Unit per	Units	\$ Cdn	GST	Total Cdn
<b>SubContractor -Mammoth Geological Ltd.-2446 Bidston Road, Mill Bay, BC V0R 2P4</b>						
August 9 to August 24, 2017						
Geologist - Tim Henneberry-Senior Geo	\$800	\$/day	2	\$1,600	\$80	\$1,680
Geologist - Gary Wesa	\$700	\$/day	14	\$9,800	\$490	\$10,290
Geologist - Ed Balon	\$700	\$/day	14	\$9,800	\$490	\$10,290
Vehicle (Truck) Rental	\$100	\$/day	14	\$1,400	\$70	\$1,470
Supervision - Geologist - Tim Henneberry	\$125	\$/hr	44	\$5,500	\$275	\$5,775
	\$125	\$/hr		\$0	\$0	\$0
<i>Agrees with Mammoth Invoice</i>			SUBTOTAL 4	\$28,100	\$1,405	\$29,505
Travel Costs				\$0	\$204	\$204
Fuel				\$545	\$45	\$590
Hotel/Lodging -Smithers/PG				\$2,046	\$68	\$2,114
Food/Meals -Smithers/PG				\$1,067	\$68	\$1,135
Shipping and Freight						\$0
Supplies and Equipment				\$73	\$27	\$100
Administration and Handling Fee				\$373	\$28	\$401
ALS ASSAY rock/soil				\$1,177	\$28	\$1,205
			SUBTOTAL 5	\$5,281	\$469	\$5,750
<i>Mammoth Geological Ltd.</i>			SUB 4 & 5	\$33,381	\$1,874	\$35,255
<b>Subtotal 1&amp;2+Subtotal 3+ Subtotal 4&amp;5 -Total</b>				<b>\$ 83,729</b>	<b>\$ 4,376</b>	<b>\$ 88,105</b>

Assessment Required	\$ 95,550
Amount of Expenditures 2017	\$ 83,720
Variance- Amarc PAC	\$ 11,830

## Mineral Titles Online

### Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder: AMARC RESOURCES LTD. (146093) Submitter: AMARC RESOURCES LTD. (146093)  
 Recorded: 2017/DEC/19 Effective: 2017/DEC/19  
 D/E Date: 2017/DEC/19

#### Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

**Event Number:** 5678157

**Work Type:** Technical Work

**Technical Items:** Geochemical, Geological, PAC Withdrawal (up to 30% of technical work required), Prospecting

**Work Start Date:** 2017/AUG/15

**Work Stop Date:** 2017/NOV/01

**Total Value of Work:** \$ 83729.00

**Mine Permit No:** mx-1-987

#### Financial Summary:

**Total applied work value:** \$ 97550.19

**PAC name:** Amarc Resources

**Debited PAC amount:** \$ 13821.19

**Credited PAC amount:** \$ 0

**Total Submission Fees:** \$ 0.0

**Total Paid:** \$ 0.0

*Please print this page for your records.*

The event was successfully saved.

Click [here](#) to return to the Main Menu.



### **13.0 Software used in support of this exploration program**

Microsoft Windows XP-Pro Version 2010

Microsoft Office 2010

Microsoft Power Point

Adobe Reader 8.1.3

Adobe Acrobat 9

Internet Explorer

Google Earth

Mapplace :<http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/Pages/default.aspx>

#### **14.0 CERTIFICATION, DATE AND SIGNATURE**

1) I, Robert F. Weicker of suite 2801, 1166 Melville St., Vancouver, B.C. V6E 4P5, am a self-employed consultant geologist through my consulting company, Multiple Metals Resources Ltd., and I authored and am responsible for this report entitled "**Prospecting and Geological Mapping on the Silver Vista Property, dated March 15, 2018**".

2) I am a graduate of the University of Waterloo, Waterloo, Ontario with an Honours Bachelor's Degree in Earth Science (1977). I began working in the mining industry in 1975 and have more than 30 years mineral exploration, development and production experience, working with major and junior mining companies both domestically and internationally.

3) I have been a registered member of the Association of Professional Engineers and Geologist of British Columbia (APEGBC) in the past, but I am currently not a member, since 2011.

4) I have visited the subject mining property of this report.

5) This report is based upon the author's personal knowledge of the region and a review of additional pertinent data.

6) To the best of my knowledge this report contains all scientific and technical information required to be disclosed so as not to be misleading.

7) As a principal of Multiple Metals Resources Ltd., I have a vested interest in the Silver Vista property.

## 15.0 Appendices



**Appendix A - Assay Certificates- SOILSAMPLES**



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To: **GLACIER LAKE RESOURCES**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

Page: 1  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 This copy reported on  
 16-OCT-2017  
 Account: GLARESU

**CERTIFICATE VA17207050**

Project: Silver Vista Project

This report is for 53 Soil samples submitted to our lab in Vancouver, BC, Canada on 25-SEP-2017.

The following have access to data associated with this certificate:

SAF DHILLON

BOB WEICKER

**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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS41L	Super Trace Lowest DL AR by ICP-MS

To: **GLACIER LAKE RESOURCES**  
**ATTN: BOB WEICKER**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

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.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
02652		0.40	0.116	1.785	1.41	670	<10	524	0.66	0.378	0.90	4.18	21.3	9.73	8.65	8.72
02653		0.64	0.0152	2.03	1.58	272	<10	509	0.92	0.247	1.73	7.73	19.65	7.55	10.05	15.40
02654		0.50	0.0648	1.845	0.77	798	<10	265	0.54	0.710	0.41	9.03	22.7	12.90	6.33	7.42
02655		0.88	0.0278	2.39	0.66	397	<10	72.2	0.47	0.093	0.19	1.975	22.0	10.30	5.39	3.53
02656		0.46	0.0030	1.585	1.16	149.5	<10	145.5	0.49	0.756	0.18	1.405	16.40	11.30	7.55	6.75
02657		0.62	0.0026	0.696	0.84	98.3	<10	112.5	0.24	0.398	0.14	0.544	10.50	6.48	5.27	2.30
02658		0.60	0.0052	0.922	1.17	88.8	<10	154.0	0.35	0.359	0.22	1.405	15.75	7.36	5.05	2.20
02659		0.60	0.0021	0.866	1.04	75.0	<10	78.4	0.23	0.349	0.22	0.562	12.15	4.08	5.16	2.69
02660		0.46	0.0013	0.716	0.81	47.8	<10	59.0	0.14	0.290	0.03	0.314	12.35	2.63	3.75	2.25
02661		0.66	0.0007	0.137	0.81	25.0	<10	128.5	0.24	0.338	0.18	0.671	12.75	3.95	4.41	3.99
02662		0.46	0.0018	0.764	1.05	72.7	<10	58.3	0.19	0.448	0.06	0.351	11.60	3.61	5.55	2.87
02663		0.58	0.0007	0.334	0.74	36.7	<10	133.5	0.16	0.323	0.22	0.504	13.55	4.39	5.10	3.56
02664		0.64	0.0017	0.120	0.92	48.5	<10	81.8	0.14	0.223	0.06	0.213	14.80	2.57	3.19	2.36
02665		0.76	0.220	0.179	0.72	22.7	<10	156.0	0.14	0.485	0.10	0.290	18.50	2.63	4.09	4.56
02666		0.50	0.0075	0.606	1.73	57.4	<10	104.0	0.35	0.334	0.08	0.524	23.1	5.21	17.95	3.65
02668		0.42	0.337	15.45	0.71	2480	<10	361	0.95	0.150	0.58	16.05	23.9	13.55	5.15	6.57
02669		0.84	1.685	28.9	0.37	5900	<10	761	0.68	0.142	0.24	15.70	22.6	17.70	3.25	5.59
02672		1.14	0.0024	7.31	1.15	14.55	<10	503	0.96	0.199	0.38	0.294	41.1	12.60	11.45	17.60
02684		0.52	0.0284	1.045	0.90	36.4	<10	73.1	0.20	0.246	0.06	0.155	14.80	3.16	4.57	3.29
02685		0.90	0.0033	0.489	1.66	56.7	<10	69.4	0.34	0.501	0.03	0.307	24.0	2.88	6.67	4.88
02686		0.78	0.0052	0.189	1.22	116.0	<10	48.6	0.22	0.311	0.02	0.450	17.20	3.50	4.45	3.48
02687		0.96	0.0067	1.520	1.68	80.4	<10	250	0.69	0.300	0.72	0.632	15.55	6.37	8.53	4.90
02688		0.50	0.0175	0.504	1.17	96.7	<10	163.5	0.53	0.288	0.48	0.623	12.80	4.58	5.62	3.86
02689		0.48	0.0057	1.420	1.87	91.0	<10	212	0.93	0.323	0.87	1.250	28.1	11.30	9.58	7.28
02690		0.66	0.0015	0.859	1.58	114.5	<10	109.0	0.32	0.239	0.12	0.316	10.00	6.41	8.93	2.61
02691		0.50	0.0013	1.055	1.81	118.5	<10	108.0	0.31	0.320	0.06	0.350	11.05	5.60	8.83	2.72
02692		0.64	0.0041	1.350	2.47	140.0	<10	154.0	0.62	0.288	0.19	0.451	17.60	7.24	8.96	4.87
16051		0.36	0.0084	1.470	1.60	662	<10	206	1.02	0.311	0.80	2.21	35.3	9.83	8.01	14.70
16053		0.44	0.0222	4.03	1.63	789	<10	232	1.04	0.282	1.17	3.94	19.90	7.55	6.15	9.01
16054		0.70	0.0108	0.646	0.78	67.5	<10	52.4	0.59	0.073	0.17	0.431	20.9	6.16	4.38	4.69
16056		0.70	0.0037	0.529	0.59	110.5	<10	167.5	0.23	0.169	0.20	2.98	15.40	5.27	3.35	5.71
16057		0.72	0.0020	0.424	0.93	260	<10	130.5	0.29	0.183	0.49	0.397	12.15	2.38	2.97	4.39
16058		0.88	0.0048	0.496	1.00	423	<10	51.1	0.15	0.293	0.03	0.360	16.45	2.08	2.90	2.77
16059		0.44	0.0027	0.733	0.91	386	<10	111.0	0.46	0.367	0.52	1.175	15.90	4.65	5.29	7.98
16060		0.76	0.0185	0.456	1.40	131.0	<10	56.9	0.31	0.257	0.05	0.386	16.45	4.11	5.36	3.30
16061		0.62	0.0099	0.559	0.83	66.6	<10	139.0	0.25	0.304	0.25	0.999	13.95	2.88	3.68	3.42
16062		0.60	0.0222	1.495	1.16	143.5	<10	121.0	0.48	0.303	0.09	0.629	20.3	5.19	4.89	2.44
16063		0.70	0.0020	1.245	0.99	61.4	<10	108.5	0.29	0.404	0.35	0.545	13.10	2.95	4.29	3.62
16064		0.70	0.0020	0.151	0.76	59.0	<10	66.9	0.17	0.322	0.04	0.339	12.80	3.13	3.59	2.31
16065		0.78	0.0031	0.304	0.70	51.6	<10	113.0	0.16	0.365	0.06	0.654	13.25	2.07	3.71	2.39





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**VANCOUVER BC V6E 3X2**

Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
02652		25.2	3.58	4.81	0.080	0.084	0.086	0.091	0.11	29.7	3.0	0.12	4480	3.49	0.009	1.890
02653		32.4	2.05	1.970	0.103	0.068	0.203	0.394	0.11	31.5	2.9	0.16	3380	1.70	0.008	0.824
02654		25.4	4.36	2.60	0.052	0.058	0.223	0.132	0.10	10.40	4.6	0.12	8390	2.41	0.005	0.525
02655		19.45	2.65	1.960	0.030	0.018	0.034	0.022	0.10	8.81	1.6	0.06	3310	2.60	0.004	0.300
02656		22.8	4.07	5.26	0.030	0.004	0.047	0.137	0.08	8.85	4.5	0.08	3200	2.71	0.008	0.743
02657		25.3	3.49	3.97	0.022	<0.002	0.085	0.090	0.05	5.18	1.4	0.07	2300	1.44	0.007	0.204
02658		19.80	2.80	3.39	0.018	0.002	0.103	0.084	0.05	8.31	3.3	0.10	1435	1.70	0.006	0.418
02659		14.60	2.68	5.68	0.013	<0.002	0.049	0.051	0.08	6.46	3.0	0.09	794	1.54	0.006	0.910
02660		10.50	1.780	4.11	0.015	<0.002	0.056	0.037	0.05	6.52	1.6	0.05	432	1.10	0.005	0.797
02661		10.45	1.730	4.40	0.013	<0.002	0.028	0.033	0.09	6.45	1.7	0.06	2150	1.25	0.008	0.392
02662		15.15	2.89	5.36	0.021	<0.002	0.053	0.097	0.04	6.35	3.1	0.07	749	1.58	0.005	0.733
02663		9.90	1.630	4.02	0.014	<0.002	0.047	0.028	0.09	6.89	1.2	0.05	2870	1.25	0.007	0.255
02664		7.97	1.480	4.81	0.012	<0.002	0.060	0.032	0.04	8.02	1.2	0.04	455	1.03	0.007	0.817
02665		6.34	1.190	6.70	0.015	<0.002	0.054	0.022	0.07	9.51	1.2	0.04	1420	1.04	0.010	0.833
02666		13.15	2.81	6.09	0.037	0.002	0.076	0.056	0.06	11.55	15.4	0.30	412	1.28	0.007	0.532
02668		71.6	5.13	1.830	0.074	0.114	0.428	0.215	0.19	17.35	3.3	0.07	6870	4.75	0.006	0.151
02669		113.5	13.80	1.515	0.111	0.031	1.920	0.083	0.17	13.30	2.0	0.04	3730	9.29	0.006	0.132
02672		23.8	3.13	3.47	0.060	0.011	0.043	0.025	0.10	25.3	7.9	0.26	1295	1.91	0.007	0.324
02684		8.38	1.780	5.17	0.016	0.002	0.058	0.021	0.07	7.81	2.9	0.04	493	0.79	0.006	0.626
02685		10.25	1.970	9.13	0.028	0.005	0.075	0.070	0.06	12.10	4.7	0.10	601	1.65	0.006	3.15
02686		10.60	2.11	4.07	0.024	0.016	0.040	0.071	0.07	9.16	4.9	0.11	566	1.42	0.005	1.285
02687		19.80	3.12	3.94	0.075	0.170	0.113	0.096	0.12	21.2	7.2	0.20	1260	2.11	0.008	0.768
02688		16.45	2.85	4.14	0.051	0.031	0.038	0.069	0.12	14.85	8.4	0.07	1010	3.38	0.006	0.931
02689		25.1	3.22	3.98	0.096	0.193	0.121	0.100	0.12	26.5	13.0	0.18	2510	2.95	0.007	1.815
02690		20.5	3.68	6.76	0.020	0.004	0.091	0.036	0.05	5.11	8.7	0.15	488	1.62	0.008	0.556
02691		18.75	3.72	6.69	0.052	0.020	0.098	0.039	0.04	5.72	10.5	0.17	454	1.88	0.006	0.724
02692		26.2	4.62	7.28	0.075	0.026	0.170	0.058	0.07	9.25	12.0	0.20	549	2.11	0.007	1.455
16051		20.7	3.38	5.18	0.104	0.076	0.102	0.100	0.09	24.6	4.9	0.15	5850	3.39	0.005	0.930
16053		23.9	2.82	4.11	0.125	0.183	0.265	0.068	0.08	44.7	3.6	0.19	4260	2.20	0.005	1.265
16054		13.95	2.23	1.745	0.043	0.049	0.039	0.022	0.08	9.38	1.5	0.03	1430	16.90	0.004	0.188
16056		11.55	1.610	2.68	0.038	0.069	0.021	0.035	0.11	7.56	1.3	0.04	3520	2.38	0.004	0.481
16057		5.01	1.910	3.70	0.035	0.012	0.025	0.030	0.06	6.68	3.4	0.08	746	1.61	0.006	0.703
16058		13.95	1.980	5.97	0.041	0.009	0.026	0.040	0.05	8.35	0.7	0.02	412	2.05	0.003	0.872
16059		11.55	2.30	4.64	0.045	0.004	0.039	0.045	0.08	7.08	3.0	0.12	1470	2.46	0.008	0.487
16060		13.80	2.74	3.22	0.055	0.077	0.079	0.102	0.06	8.15	8.0	0.10	713	1.82	0.004	1.175
16061		9.50	1.670	2.52	0.037	0.013	0.027	0.060	0.11	7.49	3.2	0.07	1255	1.34	0.005	0.586
16062		17.85	2.60	2.43	0.057	0.056	0.037	0.100	0.08	10.95	5.4	0.10	1315	2.16	0.005	0.228
16063		13.10	1.760	4.09	0.043	0.004	0.046	0.094	0.05	11.90	4.1	0.08	758	2.55	0.006	0.562
16064		12.15	1.880	4.76	0.040	<0.002	0.061	0.052	0.04	6.50	1.0	0.03	463	1.33	0.005	0.320
16065		7.67	1.450	5.26	0.032	<0.002	0.041	0.038	0.05	6.75	1.5	0.04	530	1.23	0.005	0.391



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To: **GLACIER LAKE RESOURCES**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
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Page: 2 - C  
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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
02652		6.30	0.262	574	<0.001	<0.002	51.9	<0.001	0.16	4.22	2.39	0.3	0.86	53.5	0.042	0.09
02653		7.94	0.422	566	<0.001	<0.002	16.80	<0.001	0.26	2.89	2.08	0.5	0.24	102.0	0.017	0.05
02654		7.30	0.208	1125	<0.001	<0.002	21.1	0.001	0.11	6.56	1.615	0.5	0.41	36.1	0.005	0.14
02655		5.81	0.138	895	<0.001	<0.002	21.6	<0.001	0.04	3.27	1.010	0.2	0.28	12.70	<0.005	0.22
02656		6.39	0.235	98.6	<0.001	<0.002	20.6	<0.001	0.07	2.77	0.339	0.3	0.64	21.6	0.005	0.23
02657		4.25	0.258	61.2	<0.001	<0.002	13.05	<0.001	0.04	2.20	0.294	0.2	0.26	12.30	<0.005	0.14
02658		5.02	0.156	51.7	<0.001	<0.002	12.15	<0.001	0.05	2.26	0.303	0.2	0.26	20.2	<0.005	0.09
02659		3.44	0.153	38.4	<0.001	<0.002	15.25	<0.001	0.05	1.425	0.216	0.2	0.80	19.50	<0.005	0.06
02660		2.44	0.124	27.5	0.001	<0.002	14.30	<0.001	0.03	1.090	0.181	0.1	0.62	5.29	<0.005	0.07
02661		2.78	0.171	18.95	<0.001	<0.002	26.1	<0.001	0.04	0.729	0.177	0.1	1.06	17.35	<0.005	0.04
02662		2.96	0.130	41.4	0.001	<0.002	10.75	<0.001	0.04	1.345	0.199	0.2	0.78	7.74	<0.005	0.14
02663		3.43	0.150	31.8	<0.001	<0.002	25.3	<0.001	0.04	0.852	0.194	<0.1	0.62	16.80	<0.005	0.04
02664		2.20	0.105	30.0	<0.001	<0.002	13.75	<0.001	0.01	0.856	0.214	<0.1	0.67	7.39	<0.005	0.05
02665		1.80	0.106	18.40	<0.001	<0.002	21.6	<0.001	0.03	0.387	0.187	0.1	2.20	10.65	<0.005	0.02
02666		10.20	0.130	36.0	<0.001	<0.002	15.80	<0.001	0.04	0.928	0.301	0.1	0.48	9.41	<0.005	0.07
02668		9.83	0.221	2880	<0.001	<0.002	17.80	<0.001	0.31	23.5	2.46	0.4	0.36	49.1	<0.005	0.56
02669		11.35	0.096	4390	<0.001	<0.002	10.05	<0.001	0.26	99.3	3.03	0.8	0.59	29.9	<0.005	3.73
02672		12.20	0.093	178.0	<0.001	<0.002	11.25	<0.001	<0.01	1.180	3.54	0.1	0.21	18.45	<0.005	0.01
02684		3.03	0.112	33.5	<0.001	<0.002	15.20	<0.001	0.01	0.711	0.265	0.1	0.57	6.97	<0.005	0.03
02685		3.23	0.109	51.3	<0.001	<0.002	17.40	<0.001	0.05	1.190	0.225	0.5	2.42	6.89	0.008	0.04
02686		3.45	0.101	72.9	<0.001	<0.002	14.55	<0.001	0.03	1.820	0.373	0.2	0.40	4.46	0.007	0.04
02687		5.41	0.193	69.6	<0.001	<0.002	19.25	<0.001	0.06	1.805	4.62	0.2	0.28	45.9	0.007	0.08
02688		3.73	0.164	56.7	<0.001	<0.002	21.7	<0.001	0.05	1.440	1.290	0.3	0.37	27.5	0.009	0.05
02689		6.61	0.310	113.0	<0.001	<0.002	25.2	<0.001	0.11	2.15	4.33	0.5	0.43	55.6	0.034	0.06
02690		5.51	0.132	30.4	<0.001	<0.002	12.05	<0.001	0.03	5.75	0.815	0.2	0.44	13.10	<0.005	0.05
02691		5.91	0.127	31.6	<0.001	<0.002	11.50	<0.001	0.01	5.39	2.01	0.2	0.40	8.42	<0.005	0.06
02692		6.69	0.184	31.9	<0.001	<0.002	15.45	<0.001	0.02	5.49	3.19	0.3	0.44	23.3	0.010	0.08
16051		7.10	0.323	1295	<0.001	<0.002	28.0	<0.001	0.17	4.58	1.590	0.5	0.73	49.0	0.040	0.07
16053		5.54	0.391	905	<0.001	<0.002	26.0	<0.001	0.20	3.95	2.86	0.5	0.48	72.5	0.062	0.08
16054		4.72	0.196	164.0	<0.001	<0.002	24.4	<0.001	0.05	3.33	0.608	0.1	0.14	10.45	<0.005	0.34
16056		3.25	0.186	233	<0.001	<0.002	48.9	<0.001	0.07	1.585	1.085	0.1	0.35	16.95	0.012	0.08
16057		1.95	0.158	43.2	<0.001	<0.002	16.65	<0.001	0.07	2.16	0.546	0.1	0.46	30.4	0.006	0.01
16058		2.23	0.073	157.5	<0.001	<0.002	10.95	<0.001	0.03	2.67	0.593	0.1	0.70	6.83	0.007	0.12
16059		3.72	0.215	118.0	<0.001	<0.002	25.8	<0.001	0.13	2.21	0.320	0.1	0.85	38.6	<0.005	0.07
16060		4.05	0.135	93.6	<0.001	<0.002	12.90	<0.001	0.03	2.36	0.934	0.2	0.27	4.84	0.011	0.07
16061		2.92	0.159	49.5	<0.001	<0.002	32.1	<0.001	0.06	1.315	0.375	0.1	0.32	20.6	0.005	0.05
16062		4.74	0.106	103.5	<0.001	<0.002	11.55	<0.001	0.03	2.57	1.090	0.1	0.14	9.90	<0.005	0.07
16063		2.60	0.129	36.5	<0.001	<0.002	15.05	<0.001	0.05	1.235	0.291	0.2	0.40	28.5	<0.005	0.06
16064		2.35	0.133	28.4	<0.001	<0.002	10.20	<0.001	0.04	1.470	0.190	0.2	0.55	7.06	<0.005	0.10
16065		2.06	0.115	24.5	<0.001	<0.002	13.00	<0.001	0.04	0.977	0.187	0.1	0.69	10.45	<0.005	0.05



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To: **GLACIER LAKE RESOURCES**  
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Page: 2 - D  
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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
02652		0.535	0.011	0.152	8.27	28.1	0.216	32.3	450	2.34
02653		0.481	0.004	0.109	11.20	12.7	0.082	44.8	874	2.14
02654		0.851	0.003	0.228	3.81	22.2	0.169	7.84	951	2.01
02655		0.510	0.001	0.248	1.390	18.6	0.253	2.51	453	0.73
02656		0.046	0.002	0.172	1.640	37.4	0.146	3.25	266	0.11
02657		0.023	0.002	0.150	0.758	38.4	0.131	1.785	224	0.04
02658		0.082	0.001	0.142	0.827	28.9	0.127	3.55	193.0	0.11
02659		0.007	0.001	0.088	0.643	33.0	0.154	1.520	152.5	0.02
02660		0.008	0.001	0.123	0.681	21.9	0.145	1.125	86.7	0.02
02661		0.008	0.002	0.088	0.464	23.3	0.155	1.495	98.0	0.02
02662		0.007	0.002	0.106	0.537	32.2	0.154	1.355	127.5	0.02
02663		0.005	0.001	0.164	0.474	25.3	0.123	1.000	105.5	0.01
02664		0.028	0.001	0.176	0.490	21.6	0.137	1.155	90.7	0.04
02665		0.005	0.003	0.189	0.388	20.2	0.195	1.125	50.6	0.04
02666		0.022	0.003	0.172	0.831	43.7	0.173	2.48	156.0	0.04
02668		1.240	0.001	1.175	4.37	12.0	0.142	19.15	2580	4.70
02669		2.89	0.002	4.54	11.90	7.8	0.113	12.65	3580	2.38
02672		1.785	0.008	0.138	1.745	32.9	0.096	12.20	90.4	0.66
02684		0.030	0.002	0.132	0.625	30.4	0.118	0.958	74.8	0.04
02685		0.019	0.005	0.241	1.255	26.0	0.242	2.41	107.0	0.19
02686		0.165	0.003	0.136	1.155	20.1	0.146	2.05	196.0	0.42
02687		1.515	0.003	0.148	4.28	27.2	0.121	27.6	299	4.71
02688		0.382	0.004	0.099	3.37	29.0	0.148	14.65	223	0.87
02689		1.280	0.006	0.132	8.82	29.2	0.155	47.8	336	6.04
02690		0.081	0.009	0.127	0.380	63.3	0.171	1.690	97.2	0.14
02691		0.537	0.011	0.155	0.412	62.3	0.237	1.935	105.5	0.52
02692		1.085	0.018	0.132	0.734	63.8	0.197	5.89	136.5	1.09
16051		0.454	0.009	0.211	9.71	24.4	0.210	50.4	394	2.31
16053		0.947	0.010	0.154	22.1	22.0	0.115	68.2	387	5.76
16054		0.488	0.001	0.212	1.905	15.3	0.224	2.61	247	2.03
16056		0.502	0.004	0.169	0.859	14.6	0.212	1.575	215	2.01
16057		0.102	0.003	0.222	1.165	19.0	0.105	2.37	108.0	0.38
16058		0.157	0.004	0.259	0.532	37.0	0.169	1.335	202	0.95
16059		0.032	0.003	0.158	1.270	30.3	0.305	2.68	175.0	0.15
16060		0.922	0.002	0.166	0.889	20.5	0.136	2.18	235	2.88
16061		0.130	0.001	0.135	1.180	18.9	0.116	2.10	170.0	0.42
16062		0.950	0.001	0.185	1.405	20.1	0.101	5.37	291	1.85
16063		0.037	0.002	0.136	1.465	27.1	0.123	8.17	123.5	0.09
16064		0.007	0.001	0.172	0.468	30.2	0.163	1.230	95.6	0.01
16065		0.011	0.001	0.142	0.437	26.8	0.126	1.030	88.2	0.03





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Sample Description	Method Analyte Units LOR	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Be ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
16066		0.82	0.0091	0.238	0.94	64.4	<10	67.2	0.19	0.493	0.04	0.475	14.00	4.69	5.60	3.87
16067		0.92	0.0012	0.728	1.05	74.4	<10	82.9	0.23	0.368	0.06	0.381	13.70	4.64	5.15	2.31
16072		0.74	0.557	21.0	0.38	3500	<10	188.5	0.39	0.043	0.17	10.80	25.6	0.796	1.17	1.585
16074		0.80	0.0013	0.324	0.95	60.3	<10	127.5	0.42	0.111	0.13	0.659	16.10	4.00	4.45	4.71
16082		0.76	2.75	3.43	0.90	331	<10	127.0	0.19	0.371	0.05	0.573	15.60	3.33	6.82	1.845
16083		0.62	0.0460	0.530	0.98	106.5	<10	89.1	0.20	0.191	0.08	0.362	10.50	2.74	6.40	2.14
16084		0.44	0.0029	0.291	1.13	63.7	<10	107.0	0.32	0.358	0.19	0.512	13.90	3.67	5.44	4.47
16085		0.74	0.0015	0.765	1.44	72.7	<10	69.5	0.36	0.433	0.04	0.366	20.1	3.58	7.07	3.69
16086		0.68	0.0043	0.195	1.49	59.9	<10	53.5	0.28	0.296	0.03	0.298	21.3	2.94	5.19	3.46
16087		0.76	0.0011	0.338	1.19	42.7	<10	305	0.45	0.284	0.56	0.551	18.75	5.22	5.51	2.90
16088		0.66	0.0021	0.353	1.21	90.8	<10	211	0.31	0.335	0.40	0.474	12.85	5.46	5.82	4.42
16089		0.68	0.0015	1.295	1.16	38.1	<10	131.5	0.31	0.172	0.09	0.511	18.40	3.06	4.67	1.880
16090		0.60	0.0034	0.437	1.71	77.8	<10	78.7	0.27	0.197	0.05	0.455	14.85	6.37	9.78	1.600



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To: **GLACIER LAKE RESOURCES**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cu ppm	Fe %	Ge ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
16066		14.35	2.77	5.87	0.052	0.008	0.052	0.059	0.05	7.23	2.5	0.08	703	1.79	0.004	0.304
16067		13.95	2.51	5.50	0.045	0.009	0.065	0.074	0.04	6.78	3.6	0.07	1285	1.54	0.006	1.010
16072		87.4	5.82	0.966	0.097	0.009	0.478	0.264	0.60	14.40	0.4	0.02	195.0	2.11	0.009	0.144
16074		12.65	2.26	2.98	0.044	0.005	0.039	0.021	0.08	8.06	4.2	0.05	498	1.85	0.005	0.301
16082		20.3	2.48	5.28	0.049	0.003	0.057	0.064	0.10	7.80	1.4	0.04	1220	0.72	0.005	0.478
16083		11.30	2.03	5.57	0.041	0.003	0.071	0.029	0.04	5.72	3.3	0.06	368	0.84	0.005	0.424
16084		9.01	1.810	5.95	0.038	0.006	0.033	0.058	0.07	7.28	4.1	0.09	956	2.23	0.007	0.619
16085		9.26	1.920	10.35	0.049	0.011	0.053	0.053	0.06	9.77	5.6	0.13	744	1.94	0.009	3.62
16086		8.93	1.760	8.11	0.040	0.004	0.045	0.053	0.07	10.40	8.0	0.14	355	1.77	0.007	3.28
16087		14.40	2.10	5.07	0.061	0.013	0.143	0.054	0.07	19.85	5.8	0.07	536	1.81	0.004	1.205
16088		15.50	2.58	5.58	0.047	0.008	0.068	0.074	0.11	6.84	6.5	0.06	1110	2.36	0.006	1.145
16089		11.75	1.890	5.51	0.045	0.004	0.064	0.020	0.04	11.70	2.7	0.06	255	1.10	0.007	0.432
16090		17.95	3.85	5.06	0.060	0.027	0.091	0.050	0.04	6.62	8.5	0.18	504	1.57	0.005	0.627



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**1066 WEST HASTINGS STREET,**  
**VANCOUVER BC V6E 3X2**

Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
		0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
16066		3.99	0.138	33.8	<0.001	<0.002	15.00	<0.001	0.04	1.310	0.297	0.2	0.53	7.38	<0.005	0.10
16067		3.70	0.128	45.2	<0.001	<0.002	10.75	<0.001	0.03	1.385	0.427	0.2	0.74	8.89	0.013	0.10
16072		1.31	0.083	6000	<0.001	<0.002	30.2	<0.001	1.33	28.5	1.990	0.2	0.44	75.9	<0.005	1.05
16074		4.38	0.108	72.5	<0.001	<0.002	15.75	<0.001	0.04	2.08	0.383	0.1	0.22	12.60	<0.005	0.05
16082		4.15	0.091	781	<0.001	<0.002	21.9	<0.001	0.06	5.08	0.428	0.1	0.97	8.51	<0.005	0.03
16083		4.08	0.101	78.8	<0.001	<0.002	11.50	<0.001	0.02	1.215	0.320	0.1	0.49	8.18	<0.005	0.03
16084		3.89	0.124	47.8	<0.001	<0.002	14.90	<0.001	0.06	1.120	0.302	0.2	0.80	15.60	<0.005	0.04
16085		4.08	0.124	72.9	<0.001	<0.002	10.20	<0.001	0.07	1.025	0.300	0.2	2.95	7.98	0.023	0.03
16086		3.80	0.091	51.2	<0.001	<0.002	11.10	<0.001	0.03	1.110	0.282	0.2	1.80	5.48	0.015	0.04
16087		3.77	0.123	41.2	<0.001	<0.002	14.10	<0.001	0.04	1.185	1.240	0.2	0.57	41.4	0.008	0.04
16088		3.85	0.140	68.8	<0.001	<0.002	21.2	<0.001	0.03	1.645	0.722	0.1	0.59	24.4	0.007	0.08
16089		3.03	0.071	22.5	<0.001	<0.002	10.75	<0.001	0.01	1.340	0.899	0.1	0.43	17.45	<0.005	0.04
16090		7.28	0.148	49.3	<0.001	<0.002	6.41	<0.001	0.02	2.88	1.580	0.3	0.28	6.79	<0.005	0.08





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To: **GLACIER LAKE RESOURCES**  
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**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 14-OCT-2017  
 Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	
		Th	Ti	Tl	U	V	W	Y	Zn	Zr
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
16066		0.027	0.003	0.163	0.567	39.8	0.141	1.760	134.0	0.07
16067		0.085	0.003	0.144	0.890	35.4	0.166	1.630	146.5	0.31
16072		2.89	<0.001	0.706	1.835	4.0	0.081	2.96	830	1.01
16074		0.103	0.001	0.188	0.969	25.2	0.095	1.930	164.5	0.25
16082		0.073	0.006	0.192	0.636	37.7	0.130	1.830	203	0.10
16083		0.034	0.003	0.131	0.496	36.6	0.155	1.035	108.5	0.09
16084		0.017	0.002	0.233	0.942	33.0	0.101	1.985	141.5	0.13
16085		0.038	0.005	0.295	1.130	30.7	0.226	2.50	121.0	0.34
16086		0.035	0.003	0.175	0.806	25.4	0.246	2.07	144.5	0.43
16087		0.278	0.004	0.135	1.645	38.2	0.177	12.60	140.5	0.40
16088		0.160	0.003	0.179	1.005	33.7	0.174	1.740	213	0.36
16089		0.144	0.007	0.164	0.615	39.4	0.131	4.96	58.9	0.11
16090		0.542	0.009	0.138	0.601	52.9	0.159	2.45	117.0	0.77



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To: **GLACIER LAKE RESOURCES**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET,**  
**VANCOUVER BC V6E 3X2**

Page: **Appendix 1**  
Total # Appendix Pages: **1**  
Finalized Date: **14-OCT-2017**  
Account: **GLARESU**

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17207050**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0,5g).  
ME-MS41L

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada,  
LOG-22 ME-MS41L SCR-41 WEI-21

VA17234391 - Finalized					
CLIENT : "GLARESU - Glacier Lake Resources"					
# of SAMPLES : 4					
DATE RECEIVED : 2017-10-27 DATE FINALIZED : 2017-10-30					
PROJECT : "Silver Vista Project"					
CERTIFICATE COMMENTS : ""					
PO NUMBER : " "					
	Au-GRA21				
SAMPLE	Au				
DESCRIPTI	ppm				
2681	5.37				
2682	16.9				
2683	0.35				
16079	4.47				

SOIL SAMPLE RESULTS



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To: MAMMOTH GEOLOGICAL LTD.  
704-1060 ALBERNI STREET  
VANCOUVER BC V6E 4K2

Page: 1  
Total # Pages: 2 (A - C)  
Plus Appendix Pages  
Finalized Date: 12-SEP-2017  
Account: MAMGEO

CERTIFICATE VA17179923

Project: Silver Vista Project  
  
This report is for 12 Soil samples submitted to our lab in Vancouver, BC, Canada on 24-AUG-2017.  
The following have access to data associated with this certificate:  
HENNEBERRY

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rod w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-TL43	Trace Level Au - 25g AR	ICP-MS
ME-MS43	Up to 11 elements 25g A/R MS	ICP-MS
ME-ICP43	Up to 18 element add-on AR Au	ICP-AES

To: MAMMOTH GEOLOGICAL LTD.  
ATTN: HENNEBERRY  
704-1060 ALBERNI STREET  
VANCOUVER BC V6E 4K2

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.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



VA17179923 - Finalized

CLIENT : "MAMGEO - Mammoth Geological Ltd."

# of SAMPLES : 12

DATE RECEIVED : 2017-08-24 DATE FINALIZED : 2017-09-12

PROJECT : "Silver Vista Project"

CERTIFICATE COMMENTS : ""

PO NUMBER : " "

	Au-TL43	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-M543	ME-ICP43
SAMPLE	Au	Bi	Hg	Sb	Se	Sn	Te	Th	Tl	U	W	Ag
DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SV17WS001	<0.001	0.09	0.06	0.41	0.3	0.3	0.04	0.85	0.06	0.38	<0.05	0.1
SV17WS002	<0.001	0.11	0.04	0.38	<0.2	0.6	0.05	0.54	0.05	0.25	<0.05	0.1
SV17WS003	<0.001	0.11	0.09	0.6	0.2	0.6	0.07	0.55	0.05	0.28	<0.05	0.2
SV17WS004	<0.001	0.1	0.1	0.29	0.7	0.4	0.03	0.17	0.09	0.72	<0.05	0.4
SV17WS005	0.001	0.09	0.07	0.39	0.6	0.3	0.03	1.16	0.09	0.75	<0.05	0.1
SV17WS006	<0.001	0.08	0.03	0.27	0.2	0.4	0.03	0.74	0.06	0.44	<0.05	0.1
SV17WS007	<0.001	0.08	0.04	0.2	0.2	0.3	0.03	0.56	0.05	0.35	<0.05	0.1
SV17WS008	<0.001	0.09	0.07	0.36	0.4	0.3	0.04	0.36	0.07	0.64	<0.05	0.1
SV17WS009	<0.001	0.08	0.07	0.44	0.3	0.3	0.04	0.89	0.05	0.39	<0.05	0.2
SV17WS010	<0.001	0.09	0.09	0.38	1.5	0.3	0.03	0.74	0.07	0.57	<0.05	0.2
SV17WS011	<0.001	0.12	0.05	0.2	0.2	0.6	0.04	0.24	0.12	0.66	<0.05	0.2
SV17WS012	<0.001	0.1	0.08	0.05	0.4	0.8	0.03	0.38	0.07	0.33	<0.05	0.3

ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43
Al	As	B	Ba	Be	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
2.82	10.2	3	158	0.4	0.31	<0.2		19	8.2	15	14.5	3.42	5
1.72	8.5	2	138	0.3	0.18	<0.2		9	3.7	11	9.8	3.27	7
1.48	13.2	3	230	0.8	0.2	1.4		13	5.6	8	19.9	4.39	4
1.87	6.6	2	158	0.6	0.61	0.2		26	5.7	14	23.2	2.55	5
1.68	8.6	2	187	0.5	0.47	<0.2		22	7.5	15	18.5	3.08	4
1.41	6	2	230	0.4	0.44	<0.2		21	7.2	11	13.7	2.74	4
1.32	6.1	2	133	0.3	0.45	<0.2		18	5.3	13	9.1	2.45	4
1.57	8.9	3	288	0.4	0.56	0.2		17	7.9	14	13.9	3.22	4
2.82	12	3	184	0.6	0.14	0.2		11	8.8	15	15.6	3.77	5
1.61	6.8	2	710	0.9	0.5	<0.2		19	4.6	13	41.7	2.78	4
3.41	8.2	2	281	0.6	0.73	0.2		15	6.1	12	15.7	3.69	9
3.01	14.8	2	246	0.4	0.39	<0.2		11	5.6	7	8.7	2.41	9

ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43	ME-ICP43
K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	
%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	
0.03	6	0.4	336	0.5	0.01	14.2	430	6.6	0.01	4.2	46	0.04	
0.04	4	0.2	187	0.8	0.01	6.7	720	7.6	0.01	2.5	27	0.04	
0.07	5	0.23	665	1.8	0.03	13.9	1180	31	0.04	5.1	34	0.02	
0.03	16	0.39	349	0.9	0.09	16.8	880	7.8	0.11	3.4	68	0.02	
0.04	11	0.43	519	0.6	0.04	16.3	500	8.3	0.02	8	62	0.05	
0.04	7	0.49	517	<0.5	0.02	10.4	300	6.7	0.01	5.8	146	0.09	
0.03	7	0.43	330	0.5	0.03	11	710	6.7	0.01	3.8	63	0.06	
0.04	7	0.44	674	0.5	0.02	10.9	400	8.4	0.02	5	66	0.05	
0.04	5	0.37	269	0.6	0.01	14.6	1090	8	0.02	4	25	0.06	
0.03	22	0.41	418	<0.5	0.02	10.7	420	8	0.01	11.2	67	0.04	
0.07	5	0.61	528	0.5	0.03	10.4	780	3.8	0.02	3.9	182	0.03	
0.05	6	0.35	253	0.9	0.01	5.7	510	3.9	0.02	3.4	27	<0.01	

ME-ICP43	ME-ICP43
V	Zn

ppm	ppm
49.3	67
62.1	88
66.7	641
42.9	55
48.6	63
45.5	55
43.4	50
55	81
57	127
47	89
64.2	102
46.4	155

---

**Appendix B - Assay Certificates- ROCK SAMPLES**





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**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

Page: 1  
 Total # Pages: 2 (A)  
 Plus Appendix Pages  
 Finalized Date: 30-OCT-2017  
 Account: GLARESU

**CERTIFICATE VA17234391**

Project: Silver Vista Project

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-OCT-2017.

The following have access to data associated with this certificate:

SAF DHILLON	TIM HENNEBERRY
-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **GLACIER LAKE RESOURCES**  
**ATTN: SAF DHILLON**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

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.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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To: GLACIER LAKE RESOURCES  
SUITE #2000 OCEANIC PLAZA TOWERS  
1066 WEST HASTINGS STREET.  
VANCOUVER BC V6E 3X2

Page: 2 - A  
Total # Pages: 2 (A)  
Plus Appendix Pages  
Finalized Date: 30-OCT-2017  
Account: GLARESU

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17234391**

Sample Description	Method Analyte Units LOR	Au- GRA21 Au ppm 0.05
02681		5.37
02682		16.90
02683		0.35
16079		4.47

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: **GLACIER LAKE RESOURCES**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

Page: 1  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-OCT-2017  
 Account: GLARESU

**CERTIFICATE VA17207054**

Project: Silver Vista Project

This report is for 28 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-SEP-2017.

The following have access to data associated with this certificate:

SAF DHILLON	TIM HENNEBERRY
-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-21	Crush entire sample > 70% -6 mm
PUL-21	Pulverize entire sample
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG46	Ore Grade Ag - Aqua Regia	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	ICP-AES
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	

To: **GLACIER LAKE RESOURCES**  
**ATTN: SAF DHILLON**  
**SUITE #2000 OCEANIC PLAZA TOWERS**  
**1066 WEST HASTINGS STREET.**  
**VANCOUVER BC V6E 3X2**

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.  
 \*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager

VA17207054 - Finalized

CLIENT : "GLARESU - Glacier Lake Resources"

# of SAMPLES : 28

DATE RECEIVED : 2017-09-25 DATE FINALIZED : 2017-10-27

PROJECT : "Silver Vista Project"

PO NUMBER : " "

CERTIFICATE COMMENTS : "ME-MS41L:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
2651	0.0012	0.034	1.99	3.4 <10		97.5	0.38	0.007	0.8	0.12	26.6	4.31
2667	0.22	38.4	0.33	1790 <10		85.7	0.17	0.077	0.08	4.95	11.3	2.49
2670	0.141	6.06	0.4	467 <10		252	0.17	0.044	0.05	0.733	18.25	3.79
2671	0.118	4.8	0.4	287 <10		206	0.21	0.036	0.04	1.22	19.8	3.34
2673	0.0009	0.18	0.5	7.21	10	302	0.65	0.034	2.47	0.111	30.3	6.49
2674	0.0099	0.323	1.79	5.41 <10		128	0.36	0.095	0.09	0.444	9.82	9.25
2675	0.0568	0.557	1.48	11.3 <10		55.4	0.17	0.179	0.01	0.043	11.4	7.27
2676	0.0028	0.153	0.92	2.87 <10		141.5	0.17	0.089	0.07	0.117	10	16.8
2677	0.0423	4.58	0.44	600 <10		177	0.21	0.086	0.06	2.44	22.2	3.68
2678	0.181	7.12	0.4	1295 <10		447	0.36	0.07	0.28	25.8	22.4	4.55
2679	0.262	16.3	0.4	1245 <10		468	0.09	0.107	0.02	0.657	11.5	0.431
2680	0.0353	5.01	0.38	266 <10		81.5	0.09	0.208	0.06	12.15	12.15	4.35
2681	4.42 >100		0.1 >10000	<10		2.3	0.03	29.5	0.01	600	1.99	22
2682	>25.0	>100	0.21	501 <10		9.3	0.08	23	0.12	634	6.67	11.1
2683	0.293	5.07	0.33	1005 <10		97.6	0.13	0.111	0.11	2.93	12.6	1.81
16055	0.0035	0.161	0.33	5.03 <10		131.5	0.38	0.035	1.61	0.361	27.8	7.14
16068	0.223	7.95	0.36	427 <10		64.6	0.31	0.279	0.4	49.6	12.9	7.19
16069	0.0564	1.32	0.36	576 <10		130.5	0.49	0.025	1.7	3.41	20.6	6.59
16070	0.0861	3.35	0.35	245 <10		233	0.15	0.032	0.08	0.483	17.55	2.86
16071	0.226	7.91	0.31	520 <10		277	0.16	0.083	0.12	1.495	16	2.43
16073	0.0572	1.33	0.62	809 <10		103	0.51	0.029	0.1	9.7	20.2	2.39
16075	0.0081	0.132	1.86	7.4 <10		44.7	0.17	0.454	0.41	0.056	14.95	7.8
16076	0.0043	0.217	1.07	14 <10		126.5	0.22	0.155	0.06	0.078	14.65	10.85
16077	0.0102	0.381	1.84	3.12 <10		51.9	0.27	0.093	0.24	0.318	11.45	16.25
16078	0.233	5.58	0.4	693 <10		44.6	0.2	1.1	0.2	16.3	13.35	5.82
16079	4.25	34	0.23 >10000	<10		33.3	0.11	6.44	1.92	287	6.6	4.61
16080	0.0749	1.045	0.37	260 <10		44.2	0.16	0.236	0.16	6.36	11.7	4.35
16081	0.205	8.49	0.31	330 <10		106.5	0.16	0.298	0.44	18.95	15.95	3.02



ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
2.77	0.818	24.1	4.75	12.2	0.245	0.9	0.094	0.068	0.12	11.85	8.9	1.41	578
2.32	2.67	44.4	4.03	0.927	0.043	0.181	0.863	0.093	0.28	6.1	3	0.02	409
3.08	2.8	63.9	3.65	1.095	0.05	0.198	0.083	0.02	0.34	9.77	0.5	0.02	867
4	2.08	37.4	2.87	1.02	0.05	0.171	0.044	0.014	0.35	10.7	1.1	0.01	1940
5.54	5.96	10.6	2	1.395	0.061	0.245	0.12	0.02	0.15	16.7	4.9	0.04	513
5.48	6.27	42.9	2.23	5.06	0.05	0.029	0.009	0.025	0.2	4.71	21.1	0.36	341
3.5	3.22	261	4.72	6.12	0.086	0.018	0.019	0.017	0.18	5.61	10.6	0.55	174.5
2.3	3.58	50.5	1.88	2.43	0.038	0.006	<0.004	<0.005	0.33	4.44	7.9	0.25	84.5
2.91	3.55	21.8	1.38	1.17	0.039	0.158	0.048	0.016	0.33	10.95	1.8	0.01	1975
2.69	3.06	20.6	1.86	1.205	0.041	0.148	0.288	0.028	0.29	11.65	2.7	0.02	5410
2.92	2.67	27.9	2.92	1.16	0.037	0.124	0.755	0.116	0.33	6.92	0.5	0.01	436
3.61	1.675	39	3.17	1.07	0.034	0.16	0.044	0.102	0.31	6.61	1.3	0.01	69.2
2.95	0.438	398	24.6	2.23	0.267	0.072	1.765	13.05	0.1	1.105	0.2	<0.01	1170
2.42	1.255	244	9.85	2.29	0.103	0.165	0.594	9.16	0.17	3.55	0.5	0.04	1355
2.86	1.235	19.6	3.32	0.801	0.039	0.078	0.055	0.225	0.34	6.65	0.4	0.01	1740
3.5	2.61	11	2.1	1.05	0.048	0.38	0.004	0.013	0.19	13.55	0.6	0.29	1020
3.01	3.24	192.5	4.28	1.08	0.041	0.225	0.488	0.909	0.28	6.89	1	0.05	1400
4.39	3.49	15.15	2.26	1.035	0.042	0.217	0.033	0.015	0.28	10.45	1.7	0.09	5560
2.36	2.39	17.15	2.03	0.84	0.038	0.172	0.027	0.011	0.32	9.64	0.5	0.01	522
2.35	2.62	37.8	2.08	0.808	0.035	0.19	0.176	0.024	0.31	9.23	0.3	0.02	964
2.9	4.03	18.7	1.56	0.929	0.032	0.065	0.053	0.02	0.25	10.45	29.7	0.01	1070
12.7	3.38	78.4	9.02	8.99	0.167	0.018	0.023	0.005	0.15	6.53	14.3	0.64	175
4.28	4.63	70.1	3.24	3.07	0.053	0.008	0.012	<0.005	0.24	6.62	7.6	0.3	202
7.9	2.89	300	3.65	6.82	0.072	0.051	0.012	0.013	0.18	5.24	16.3	0.89	307
5.33	2.12	32.1	4.17	1.175	0.064	0.196	0.089	0.082	0.28	6.7	1.2	0.04	464
3.37	0.589	151.5	10.65	1.755	0.107	0.16	0.718	3.66	0.19	3.43	0.3	0.48	3920
3.58	1.525	15.1	3.75	0.883	0.049	0.269	0.015	0.11	0.29	5.96	0.5	0.02	77
2.48	1.295	28.3	2.61	0.894	0.044	0.137	0.046	0.126	0.29	8.95	0.3	0.05	3180

	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Mo	Na	Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb
DESCRIPTION	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
2651	1.19	0.128	0.836	2.18	0.158	4.92	<0.001	0.002	3.93	<0.001	1.15	0.144
2667	4.86	0.006	0.057	3.35	0.066	>10000	<0.001	0.003	13.25	<0.001	1.49	27.8
2670	3.57	0.006	0.068	2.03	0.073	1065	<0.001	<0.002	15.9	<0.001	0.64	7.77
2671	1.85	0.006	0.045	2.71	0.073	3150	<0.001	<0.002	14.7	<0.001	0.58	2.7
2673	0.96	0.019	0.059	6.1	0.088	18.95	<0.001	<0.002	8.21	<0.001	0.04	1.69
2674	12.05	0.047	0.026	7.46	0.013	6.57	<0.001	<0.002	11.8	0.007	0.2	0.228
2675	11	0.045	0.002	1.76	0.012	10.6	<0.001	<0.002	9.11	0.041	1.61	0.346
2676	3.67	0.041	<0.002	6.26	0.02	4.93	0.001	<0.002	14.35	0.011	0.69	0.175
2677	2.27	0.006	0.093	0.92	0.078	6530	0.001	<0.002	16.65	<0.001	0.19	5.54
2678	2.26	0.006	0.046	3.55	0.067	1190	<0.001	0.002	14.05	<0.001	0.38	7.49
2679	3.47	0.006	0.107	0.77	0.071	>10000	0.002	<0.002	13.3	<0.001	0.49	6.96
2680	2.57	0.007	0.053	4.84	0.058	2090	<0.001	0.002	13.8	<0.001	2.87	1.985
2681	0.64	0.007	0.05	2.06	0.004	>10000	0.001	<0.002	4.06	<0.001	>10.0	90.1
2682	1.01	0.006	0.053	3.61	0.03	>10000	<0.001	<0.002	7.53	<0.001	>10.0	110
2683	0.66	0.008	0.028	2.27	0.075	1305	<0.001	0.002	11.65	<0.001	1.19	18.65
16055	1.21	0.033	0.147	4.96	0.085	46.4	<0.001	0.002	12.45	<0.001	0.1	0.341
16068	3.69	0.008	0.068	5.02	0.075	1230	<0.001	0.002	12.65	<0.001	2.48	3.83
16069	1.82	0.006	0.039	6.36	0.083	198	<0.001	<0.002	13.5	<0.001	1.1	1.65
16070	2.2	0.005	0.081	1.94	0.076	1000	<0.001	<0.002	14.7	<0.001	0.65	1.93
16071	2.97	0.006	0.069	1.89	0.074	2360	<0.001	<0.002	13.9	<0.001	0.49	5.17
16073	1.56	0.007	0.075	2.73	0.061	142.5	<0.001	<0.002	12.35	<0.001	0.13	6.97
16075	9.76	0.054	0.007	3.54	0.27	11.05	0.005	<0.002	9.45	0.039	3.45	0.395
16076	6.39	0.035	0.013	4.76	0.036	7.92	<0.001	<0.002	12.85	0.017	0.64	0.954
16077	21.6	0.091	0.106	7.56	0.077	6.94	<0.001	<0.002	10.65	0.037	1.45	0.171
16078	3.18	0.007	0.052	7.4	0.074	2160	<0.001	<0.002	11.9	<0.001	3.58	2.77
16079	5.07	0.008	0.056	2.88	0.031	>10000	<0.001	<0.002	8.45	<0.001	9.29	359
16080	1.72	0.006	0.084	6	0.078	206	<0.001	<0.002	12	<0.001	3.92	1.015
16081	0.45	0.007	0.012	3.13	0.069	2020	<0.001	<0.002	12.2	<0.001	1.88	3.77

ME-MS41L		ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
Sc	SAMPLE	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
ppm	DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
11.85	2651	0.7	1.18	117	0.005	0.13	1.82	0.391	0.186	0.921	158.5	0.374
1.315	2667	0.2	0.39	12.95	<0.005	0.2	3.19	0.001	3.42	0.971	5.5	0.126
1.495	2670	0.2	0.19	12.9	<0.005	0.45	3.76	0.001	0.696	1.315	4.1	0.106
1.375	2671	<0.1	0.35	6.99	<0.005	0.11	3.75	0.001	0.445	1.19	6.4	0.089
4.46	2673	<0.1	0.08	104	<0.005	<0.01	4.27	0.002	0.096	1.73	24.8	0.061
4.4	2674	0.4	0.39	19.25	<0.005	0.03	0.971	0.025	0.248	0.393	34.7	0.15
3.11	2675	5.7	0.08	8.22	<0.005	0.08	0.974	0.002	0.234	0.178	29	0.032
1.86	2676	1.3	0.05	12.4	<0.005	0.02	1.16	0.001	0.207	0.134	10.4	0.005
2.87	2677	0.1	0.2	13	0.007	0.05	3.85	0.003	0.454	2.09	5.4	0.125
1.895	2678	0.2	0.12	14.4	<0.005	0.25	3.68	0.001	0.449	1.665	5.3	0.12
1.08	2679	0.7	0.26	11.6	<0.005	0.83	3.08	0.001	0.472	0.746	4	0.125
0.981	2680	0.2	0.35	6.6	<0.005	0.78	3.81	0.001	0.317	1.545	4	0.098
0.312	2681	8.5	0.68	6.09	<0.005	6.1	0.603	<0.001	0.63	0.37	1.2	0.051
0.596	2682	5.9	1.78	6.75	<0.005	1.29	1.55	<0.001	0.569	0.917	2.5	0.054
0.757	2683	<0.1	0.34	25.2	<0.005	0.03	3.72	<0.001	0.233	1.415	2.7	0.113
3.48	16055	<0.1	0.05	109.5	<0.005	0.02	5.22	0.001	0.097	1.835	9.8	0.047
1.235	16068	0.5	0.42	27.4	<0.005	0.08	3.27	0.001	0.241	1.365	5	0.063
2.12	16069	<0.1	0.22	31.3	<0.005	0.02	4.04	0.001	0.581	1.51	7.6	0.164
1.74	16070	0.1	0.17	7.9	<0.005	0.17	3.6	0.001	0.384	1.545	4.3	0.112
1.365	16071	0.2	0.19	15.5	<0.005	0.3	3.5	0.001	0.413	1.12	3.6	0.118
1.96	16073	<0.1	0.15	30.5	<0.005	0.08	3.09	<0.001	2.2	2.28	4.7	0.216
4.28	16075	8.6	0.21	15.05	<0.005	0.13	1.265	0.007	0.205	0.227	64	0.032
2.26	16076	2.2	0.06	10.9	<0.005	0.05	1.545	0.004	0.209	0.287	18	0.014
3.97	16077	1.8	0.35	38.1	<0.005	0.02	1.955	0.024	0.147	0.682	64.8	0.06
1.58	16078	0.6	0.46	12.7	<0.005	1.83	2.96	0.001	0.296	1.535	10.1	0.102
0.763	16079	4.7	0.62	41	<0.005	4.87	1.36	0.001	0.457	1.235	2.5	0.145
0.82	16080	0.2	0.33	6.19	<0.005	0.1	3.37	0.001	0.261	1.56	3.3	0.083
1.045	16081	<0.1	0.48	9.86	<0.005	0.01	3.84	<0.001	0.269	1.435	2.5	0.103

ME-MS41L	ME-MS41L	ME-MS41L	Ag-OG46	Pb-OG46	Zn-OG46	
Y	Zn	Zr	Ag	Pb	Zn	SAMPLE
ppm	ppm	ppm	ppm	%	%	DESCRIPTION
9.62	39.4	29.6				2651
2.39	1070	8.53		1.065		2667
2.05	293	8.67				2670
3.11	449	8.05				2671
6.75	50	9.83				2673
3.66	64.6	1.03				2674
1.845	11.9	0.58				2675
2.39	20.1	0.35				2676
3.49	412	7.38				2677
5.38	3040	7.96				2678
1.09	369	6.36		1.115		2679
1.725	2070	7.61				2680
0.264	>10000	2.51	110	5.05	11.6	2681
1.37	>10000	6.62	196	12.7	11.9	2682
1.725	760	4.49				2683
6.46	109	13.25				16055
3.28	8190	10.25				16068
5.83	791	10.25				16069
3.01	227	8.35				16070
4.14	321	8.61				16071
2.45	412	4.08				16073
9.6	17.1	0.58				16075
4.33	20.9	0.52				16076
4.07	46.1	1.53				16077
2.77	2700	8.68				16078
4.33	>10000	6.21		1.72	5.3	16079
2.47	1145	10.8				16080
4.39	1815	5.81				16081





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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 25-SEP-2017  
 Account: MAMGEO

Project: Silver Vista Project

**CERTIFICATE OF ANALYSIS VA17179924**

Sample Description	Method Analyte Units LOR	WT1-21	Au-TL43	ME-MS43	MC-MS43	ME-MS43	ME-MS43	MC-MS43	MC-MS43	ME-MS43	ME-MS43	MC-MS43	MC-MS43	ME-MS43	ME-MS43	MC-MS43	MC-MS43	
		Revised WL	Au	Bi	Hg	Sb	Se	Sn	Ta	Tl	Ti	U	W	Ag	Al	Au	As	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.07	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.05	0.1	0.01		0.5
SV178R01		0.86	<0.001	0.06	0.02	0.14	0.5	0.2	0.01	0.86	0.04	0.11	<0.05	0.1	0.70	8.8		
SV178R02		1.42	<0.001	0.03	1.11	0.17	0.6	0.1	0.01	0.22	<0.02	0.06	<0.05	6.1	0.25	17.7		
SV178R03		1.16	<0.001	0.06	0.12	<0.05	1.4	0.4	0.01	1.97	0.02	0.16	0.05	<0.1	0.88	4.2		
SV178R04		1.08	<0.001	0.05	0.07	0.41	0.5	0.1	0.01	0.69	0.02	0.20	<0.05	2.0	0.65	10.7		
SV178R05		1.14	<0.001	<0.01	0.03	<0.05	1.6	<0.1	0.01	0.06	<0.02	0.35	<0.05	0.1	0.26	0.8		
SV178R06		0.96	0.001	0.06	0.19	2.66	0.5	0.2	0.05	0.51	0.09	0.19	<0.05	13.9	0.69	50.1		
SV178R07		0.72	<0.001	0.06	6.12	0.83	0.3	0.2	0.02	0.59	0.07	0.31	<0.05	8.9	0.89	162.0		
SV178R08		0.92	<0.001	0.30	0.06	0.16	0.3	0.2	0.01	0.61	0.06	0.30	<0.05	0.2	0.66	6.4		
SV178R09		0.88	0.001	0.06	0.01	0.19	0.6	0.6	0.02	0.84	0.08	0.75	0.16	0.2	2.10	11.8		
SV178R10		0.84	<0.001	0.06	0.34	0.21	0.2	0.1	0.02	0.19	0.04	0.11	<0.05	1.8	0.77	10.5		
SV178R11		0.88	<0.001	0.01	0.07	0.52	<0.2	0.2	<0.01	1.78	0.04	0.24	0.05	<0.1	0.57	2.3		
SV178R12		1.60	<0.001	<0.01	0.03	10.75	1.1	0.3	0.01	0.33	0.02	0.23	<0.05	1.4	0.70	149.0		
SV178R13		1.62	<0.001	0.01	0.20	13.25	0.8	0.2	<0.01	0.16	0.02	0.22	0.06	0.5	0.53	74.6		
SV178R14		0.88	<0.001	0.09	0.04	0.59	1.1	0.4	0.01	0.59	0.16	0.11	<0.05	<0.1	0.54	19.9		
SV178R15		1.14	<0.001	0.07	0.13	0.29	0.5	0.2	0.02	0.88	0.10	0.24	<0.05	0.1	0.70	15.3		
SV178R16		0.86	<0.001	0.07	0.02	0.22	0.2	0.2	0.01	0.76	0.06	0.18	<0.05	0.1	0.84	8.8		
SV178R17		0.86	0.001	0.02	0.17	1.70	0.9	0.8	0.01	0.64	0.07	0.16	<0.05	0.1	0.50	8.1		
SV178R18		1.98	0.001	0.06	0.29	2.94	0.8	0.2	0.02	1.83	0.40	0.61	0.05	0.1	0.55	17.1		
SV178R19		1.36	<0.001	0.06	8.45	0.11	0.3	0.1	0.01	0.25	0.02	0.09	<0.05	>40	0.60	1.4		
SV178R20		1.32	<0.001	<0.01	0.05	0.06	0.2	0.3	0.01	0.67	<0.02	0.11	<0.05	0.1	0.57	11.8		
SV178R21		1.62	<0.001	<0.01	0.04	0.14	0.4	0.3	0.01	0.44	0.02	0.07	<0.05	<0.1	0.54	2.4		
SV178R22		1.96	<0.001	0.01	0.12	0.42	0.7	0.2	<0.01	0.36	0.04	0.12	<0.05	0.6	0.54	1.9		
SV178R23		1.42	<0.001	<0.01	0.09	0.14	0.5	0.1	0.01	0.25	<0.02	0.12	<0.05	<0.1	0.33	4.7		
SV178R24		1.44	0.001	0.04	0.06	<0.05	0.5	0.2	0.01	0.92	0.06	0.13	<0.05	0.1	0.70	4.4		
SV178R25		1.32	<0.001	0.02	0.01	0.05	1.1	0.1	0.01	0.22	0.02	0.20	<0.05	<0.1	0.44	0.8		
SV178R26		1.24	<0.001	0.01	0.34	1.31	0.7	0.2	<0.01	0.59	0.03	0.23	0.05	<0.1	0.84	2.8		
SV178R27		1.34	<0.001	0.02	0.09	2.74	0.5	0.1	0.01	0.26	0.03	4.46	<0.05	0.1	0.45	351		
SV178R28		1.54	<0.001	0.07	0.22	0.23	0.3	0.2	0.01	0.60	0.06	0.15	<0.05	0.4	0.50	13.1		

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Sample No	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al
SV17BR-01	<0.001	0.06	0.02	0.14	0.5	0.2	0.01	0.66	0.04	0.11	<0.05	0.1	0.79
SV17BR-02	<0.001	0.03	1.11	0.17	0.8	0.1	0.01	0.22	<0.02	0.06	<0.05	6.1	0.25
SV17BR-03	<0.001	0.06	0.12	<0.05	1.4	0.4	0.01	1.97	0.02	0.16	0.05	<0.1	0.88
SV17BR-04	<0.001	0.05	0.07	0.41	0.5	0.1	0.01	0.69	0.02	0.2	<0.05	2	0.65
SV17BR-05	<0.001	<0.01	0.03	<0.05	1.6	<0.1	0.01	0.09	<0.02	0.35	<0.05	0.1	0.26
SV17BR-06	0.001	0.09	0.19	2.68	0.5	0.2	0.03	0.51	0.09	0.19	<0.05	13.9	0.69
SV17BR-07	<0.001	0.08	6.12	0.83	0.3	0.2	0.02	0.59	0.07	0.31	<0.05	8.9	0.89
SV17BR-08	<0.001	0.3	0.08	0.16	0.3	0.2	0.01	0.61	0.06	0.3	<0.05	0.2	0.66
SV17BR-09	0.001	0.06	0.01	0.19	0.6	0.6	0.02	0.84	0.08	0.75	0.16	0.2	2.1
SV17BR-10	<0.001	0.08	0.34	0.21	0.2	0.1	0.02	0.19	0.04	0.11	<0.05	1.8	0.77
SV17BR-11	<0.001	0.01	0.07	0.52	<0.2	0.2	<0.01	1.78	0.04	0.24	0.05	<0.1	0.57
SV17BR-12	<0.001	<0.01	0.03	10.75	1.1	0.3	0.01	0.33	0.02	0.23	<0.05	1.4	0.7
SV17BR-13	<0.001	0.01	0.2	13.25	0.8	0.2	<0.01	0.16	0.02	0.22	0.06	0.5	0.53
SV17BR-14	<0.001	0.09	0.04	0.59	1.1	0.4	0.01	0.59	0.16	0.11	<0.05	<0.1	0.54
SV17BR-15	<0.001	0.07	0.13	0.29	0.5	0.2	0.02	0.88	0.1	0.24	<0.05	0.1	0.7
SV17BR-16	<0.001	0.07	0.02	0.22	0.2	0.2	0.01	0.76	0.06	0.18	<0.05	0.1	0.84
SV17BR-17	0.001	0.02	0.17	1.7	0.9	0.8	0.01	0.64	0.07	0.18	<0.05	0.1	0.5
SV17BR-18	0.001	0.06	0.29	2.94	0.8	0.2	0.02	1.63	0.4	0.81	0.05	0.1	0.55
SV17BR-19	<0.001	0.06	8.45	0.11	0.3	0.1	0.01	0.25	0.02	0.09	<0.05	46	0.6
SV17BR-20	<0.001	<0.01	0.05	0.06	0.2	0.3	0.01	0.67	<0.02	0.11	<0.05	0.1	0.57
SV17BR-21	<0.001	<0.01	0.04	0.14	0.4	0.3	0.01	0.44	0.02	0.07	<0.05	<0.1	0.54
SV17BR-22	<0.001	0.01	0.12	0.42	0.7	0.2	<0.01	0.38	0.04	0.12	<0.05	0.6	0.54
SV17BR-23	<0.001	<0.01	0.09	0.14	0.5	0.1	0.01	0.25	<0.02	0.12	<0.05	<0.1	0.33
SV17BR-24	0.001	0.04	0.08	<0.05	0.5	0.2	0.01	0.92	0.06	0.13	<0.05	0.1	0.7
SV17BR-25	<0.001	0.02	0.01	0.05	1.1	0.1	0.01	0.22	0.02	0.2	<0.05	<0.1	0.44
SV17BR-26	<0.001	0.01	0.34	1.31	0.7	0.2	<0.01	0.59	0.03	0.23	0.05	<0.1	0.84
SV17BR-27	<0.001	0.02	0.09	2.74	0.5	0.1	0.01	0.26	0.03	4.46	<0.05	0.1	0.45
SV17BR-28	<0.001	0.07	0.22	0.23	0.3	0.2	0.01	0.6	0.06	0.15	<0.05	0.4	0.5

ppm As	ppm B	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co	ppm Cr	ppm Cu	% Fe	ppm Ga	% K	ppm La
8.8	8	74	0.4	1.87	0.7	12	8	6	29	3.3	2	0.07	5
17.7	7	38	0.2	8.92	31.2	6	17.2	3	1085	7.11	<1	0.01	1
4.2	12	73	0.5	4.98	1.8	32	1.8	2	9	3.16	2	0.01	13
10.7	11	62	0.4	0.16	1.5	8	7.3	6	37	2.83	2	0.03	6
0.6	7	972	0.3	>15.0	21.2	14	8.2	1	9	7.66	<1	0.01	5
50.1	8	66	0.4	0.12	0.8	8	7.6	4	56	3.34	2	0.03	2
192	7	109	0.4	0.14	0.8	8	9.5	6	162	2.93	2	0.05	2
6.4	10	131	0.4	0.27	0.8	10	9.2	6	26	3.9	2	0.09	3
11.8	8	167	0.3	0.93	0.3	18	10	13	23	4.6	9	0.11	6
10.5	8	40	0.3	0.02	0.6	3	11.8	5	21	3.78	2	0.03	1
2.3	6	72	0.5	0.16	0.2	22	11.6	6	15	3.34	1	0.06	8
149	10	53	0.3	6.99	6.4	9	29.4	59	47	6.6	1	0.03	2
74.6	7	65	0.2	7.7	4.8	15	35	49	56	8.97	1	0.03	4
19.9	8	70	0.4	0.79	0.3	27	3.5	3	11	2.79	2	0.02	10
15.3	13	68	0.6	0.18	0.5	14	12.7	10	28	5.13	2	0.1	5
8.6	9	134	0.5	0.12	0.4	9	15.3	5	29	5.36	3	0.11	3
8.1	9	180	0.6	0.1	5.9	15	12.9	2	5	4.17	1	0.07	5
17.1	10	63	0.6	1.64	0.5	25	14.2	7	38	3.51	2	0.06	11
1.4	9	366	0.4	0.05	0.7	7	5.1	7	8570	2.71	1	0.05	3
11.8	7	19	0.2	0.19	0.7	21	2.3	1	13	1.38	1	0.02	11
2.4	8	46	0.3	1.3	4.3	11	3.8	1	21	1.63	1	0.01	4
1.9	7	51	0.2	3.78	7.4	12	4.5	2	108	1.86	1	0.01	4
4.7	6	28	0.1	3.4	4.6	5	4.9	1	10	1.22	1	0.01	1
4.4	10	190	0.7	0.16	<0.2	24	3.4	1	97	1.04	1	0.18	10
0.8	12	789	0.4	13.2	4.5	12	3	2	7	3.06	1	0.02	5
2.8	8	135	0.6	8.16	1.8	28	21.8	17	11	8.41	2	0.02	9
351	6	174	0.6	7.81	3.1	12	25.4	14	117	5.93	1	0.01	4
13.1	8	39	0.3	0.11	<0.2	6	9.2	6	41	3.82	2	0.05	2

% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	S	ppm Sc	ppm Sr	ppm Ti	ppm V	ppm	Ag
0.15	809	<0.5	0.05	3.6	470	6.7	0.08	10.6	25	<0.01	52.3	134	
2.21	3600	<0.5	0.05	12.9	70	51.1	0.03	15.8	46	<0.01	106	4590	
1.55	1220	<0.5	0.06	0.8	1010	13.8	0.02	10.1	131	<0.01	34.9	241	
0.03	757	<0.5	0.04	3	370	17.5	0.05	13	18	<0.01	50	315	
5.05	2030	<0.5	0.09	6.5	40	247	0.05	3.7	451	<0.01	77	4750	
0.04	769	0.7	0.06	4.6	290	20.4	0.04	11.3	24	<0.01	51.9	320	
0.11	792	2.2	0.04	4.7	360	21.7	0.02	8.1	19	<0.01	41	325	
0.09	803	<0.5	0.06	4.4	250	11.5	0.02	8.7	24	<0.01	58.8	247	
1.08	925	<0.5	0.08	7.3	500	7.5	0.02	12.1	106	0.31	69.5	130	
0.03	792	<0.5	0.03	3.7	80	15.4	0.02	14.3	27	<0.01	72.5	451	
0.04	1150	<0.5	0.05	5.1	610	3.7	0.02	6.8	10	0.01	65.8	72	
2.54	1625	7.8	0.05	78.2	310	312	0.98	14.6	53	<0.01	98.1	1605	
2.01	2000	6.6	0.05	54.4	810	53	0.24	19	37	<0.01	167	1115	
0.23	1050	<0.5	0.06	3.9	550	11	0.17	9.7	45	<0.01	26.7	53	
0.15	918	<0.5	0.07	8.2	590	14.8	0.08	10.2	31	<0.01	59.9	167	
0.11	1050	<0.5	0.05	5.4	620	10.2	0.02	8.6	24	<0.01	58.7	170	
0.04	1710	0.6	0.02	6.6	50	54.7	0.01	8.7	21	<0.01	41.6	1340	
0.69	842	9.4	0.09	7.3	780	8.5	0.47	7.8	54	<0.01	107	63	
0.02	672	<0.5	0.03	2.9	70	49.2	0.04	9.7	30	<0.01	38.7	1155	46
0.07	236	<0.5	0.03	0.8	100	8.2	0.02	3.5	11	<0.01	14.7	221	
0.27	579	<0.5	0.04	0.9	30	18.4	0.02	5	17	<0.01	10.9	769	
0.22	630	<0.5	0.04	0.6	20	83.3	0.02	4.6	27	<0.01	9.9	1270	
0.75	725	<0.5	0.02	0.7	50	16.6	<0.01	3.9	70	<0.01	14.9	831	
0.05	1135	<0.5	0.04	<0.5	60	5.6	0.02	6	22	<0.01	10.3	46	
1.66	1405	<0.5	0.05	<0.5	140	18.8	0.07	5.6	302	<0.01	41.2	299	
0.29	2980	1.3	0.03	20.6	1840	9.9	0.03	15.7	68	<0.01	156	267	
2.44	2220	2.6	0.05	177.5	280	26.7	0.19	8.5	105	<0.01	55.6	1005	
0.05	921	<0.5	0.07	4.4	580	9.9	0.03	8.3	10	<0.01	52	140	



