



Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey



Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TECHNICAL - PROSPECTING

TOTAL COST: \$2784.20

AUTHOR(S): KEN ELLERBECK

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5670236 2017/OCT/21

PROPERTY NAME: LD-COMSTOCK

CLAIM NAME(S) (on which the work was done): 1051454 LD-COMSTOCK

COMMODITIES SOUGHT: Au, Ag, Cu, Pb, Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092ISE052

MINING DIVISION: NICOLA

NTS/BCGS: BCGS 092I007

LATITUDE: 50 ° 2 '37 " LONGITUDE: 120 ° 45 '35 " (at centre of work)

OWNER(S):

1) KEN ELLERBECK

2)

MAILING ADDRESS:

255 BATTLE STREET WEST

KAMLOOPS, BC

OPERATOR(S) [who paid for the work]:

1) KEN ELLERBECK

2)

MAILING ADDRESS:

255 BATTLE STREET WEST

KAMLOOPS, BC

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Galena, Sphalerite, Barite, Specularite, Chalcopyrite, Malachite, Azurite, Dacitic Rhyolitic Flow, Flow Breccia, Amygdaloidal

Andesite Agglomerate, Lapilli Ash Flow Tuff, Rhyolite Breccia, Rhyodacite Breccia, Dacite, Rhyolite,

Upper Triassic Nicola Undefined Formation, Stratiform, Stratabound, Vein Volcanogenic, Syngenetic, Exhalative Type:

I05: Polymetallic veins Ag-Pb-Zn+/-Au

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 32183, 30403

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	150m x 500m	1051454	\$2784.20
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$2784.20

KEN ELLERBECK

(Owner & Operator)

TECHNICAL EXPLORATION REPORT

(Event 5670236)
on

PROSPECTING and EXPLORING

Work done on

Tenures 1051454

of the 14 Claim

LD-COMSTOCK CLAIM GROUP

Kamloops Mining Division
BCGS Maps 92P.080

Centre of Work
UTM 10 660266E 5545800N

AUTHOR KEN ELLERBECK, PMP

REPORT SUBMITTED November 27, 2017

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INTRODUCTION

PURPOSE

In October 2017 a prospecting program was completed on Tenure 1051454 of the 14 Claim IM-COMSTOCK-LD CLAIM GROUP. The purpose of the prospecting program was to locate geological features (VMS and gold bearing structures in particular) similar to those at the LD and COMSTOCK showings (rhyolite dome – see Page 8) contained in the claim group, as well as to prospect for unidentified outcrops and showings of significance. Information for this report was obtained from sources cited under Selected References and from a property examination made on October 5, 2017.

ACCESS AND LOCATION

Road access to the Property from Kamloops, BC is by Highway 5A south for 80 km. to Merritt, BC. Driving time from Vancouver to Merritt is three hours (300 km) and from Kamloops is one hour. The property can be reached from the town of Merritt which is located at the junction of the Coquihalla Highway (Hwy 5) and Highway 97C. Access from Merritt is via the paved Coldwater road that departs from the eastern edge of Merritt and trends southerly, parallel to the west side of the Coquihalla Highway. At approximately 2 km on the Coldwater road the Fox Farm road branches to the east, passes under the Coquihalla Highway, and follows the valley of Godey Creek. Gravel and dirt roads pass through much of the property. A straight-line distance from Merritt to the centre of the property is 7 km; driving distance is approximately 10 km. A series of overgrown logging roads provide access for prospecting activities. However deadfall due to Pine Beetle infestation made vehicle access difficult.

The Property is located within the dry belt of British Columbia with rainfall between 25 and 30 cm per year. Temperatures during the summer months could reach a high of 35°C and average 25°C with the winter temperatures reaching a low of -10°C and averaging 8°C.

On the LD-COMSTOCK Claim Group moderate snow cover on the ground could be from December to April and would not hamper a year-round exploration program. Elevations range from 900m to 1645 m.

Merritt, BC, and Kamloops, BC both historic mining centers, could be a source of experienced and reliable exploration and mining personnel and a supply for most mining related equipment. Kamloops is serviced daily by commercial airline and is a hub for road and rail transportation. Vancouver, a port city on the southwest corner of, and the largest city in the Province of British Columbia, is four hours distant by road and less than one hour by air from Kamloops.

PROPERTY DESCRIPTION

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Submission Fee
905597	PB1	2011/OCT/06	2018/DEC/31	2018/dec/31	0	83.01	\$ 0.00	\$ 0.00
905612	PB2	2011/OCT/06	2018/DEC/31	2018/DEC/31	0	20.75	\$ 0.00	\$ 0.00
1014834	PB	2012/NOV/27	2017/DEC/31	2018/aug/01	213	186.78	\$ 1634.99	\$ 0.00
1014836	PBE	2012/NOV/27	2017/DEC/31	2017/DEC/31	0	41.51	\$ 0.00	\$ 0.00
1014837		2012/NOV/27	2017/DEC/31	2018/AUG/01	213	20.75	\$ 181.66	\$ 0.00
1014839	OMG	2012/NOV/27	2019/MAY/30	2019/may/30	0	20.76	\$ 0.00	\$ 0.00
1018921	IOCG NORTH	2013/APR/28	2017/DEC/31	2017/DEC/31	0	62.25	\$ 0.00	\$ 0.00
1019819	LUCKY 7	2013/MAY/27	2018/DEC/31	2018/DEC/31	0	20.75	\$ 0.00	\$ 0.00
1034277	COQ COMSTOCK	2015/FEB/21	2017/DEC/31	2017/DEC/31	0	82.99	\$ 0.00	\$ 0.00
1051454	LD-COMSTOCK	2017/APR/17	2018/APR/17	2018/APR/17	0	124.49	\$ 0.00	\$ 0.00
1055700	Northno	2014/JAN/01	2017/DEC/06	2018/AUG/01	238	41.49	\$ 270.51	\$ 0.00
1055701	LD	2014/JAN/01	2017/DEC/06	2018/AUG/01	238	62.23	\$ 405.80	\$ 0.00
1055702	Northnot	2014/JAN/01	2017/DEC/06	2018/AUG/01	238	20.74	\$ 135.25	\$ 0.00
1055703	LD	2014/JAN/01	2017/DEC/06	2018/AUG/01	238	20.74	\$ 135.26	\$ 0.00

Figure 1 LOCATION MAP from MTO Mapbuilder

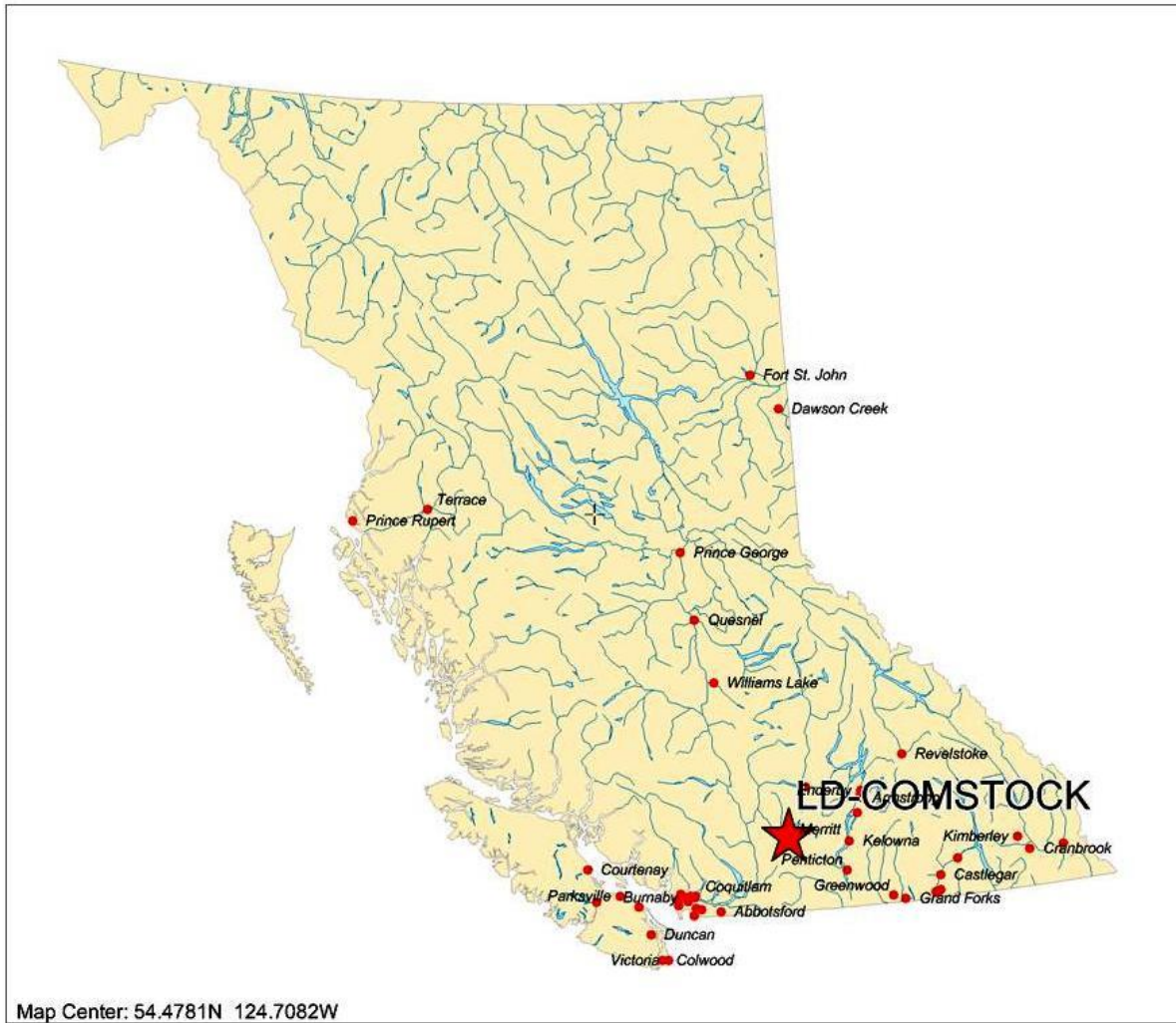


Figure 2 CLAIM LOCATION MAP (Base Map GOOGLE EARTH)

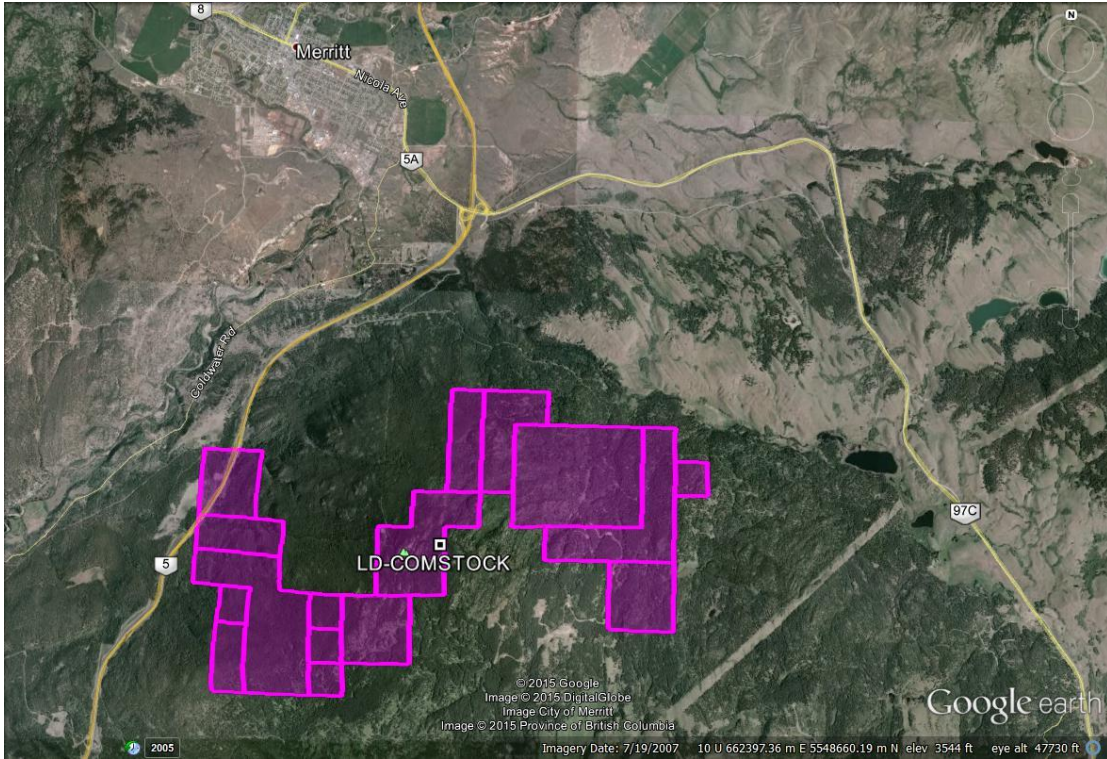
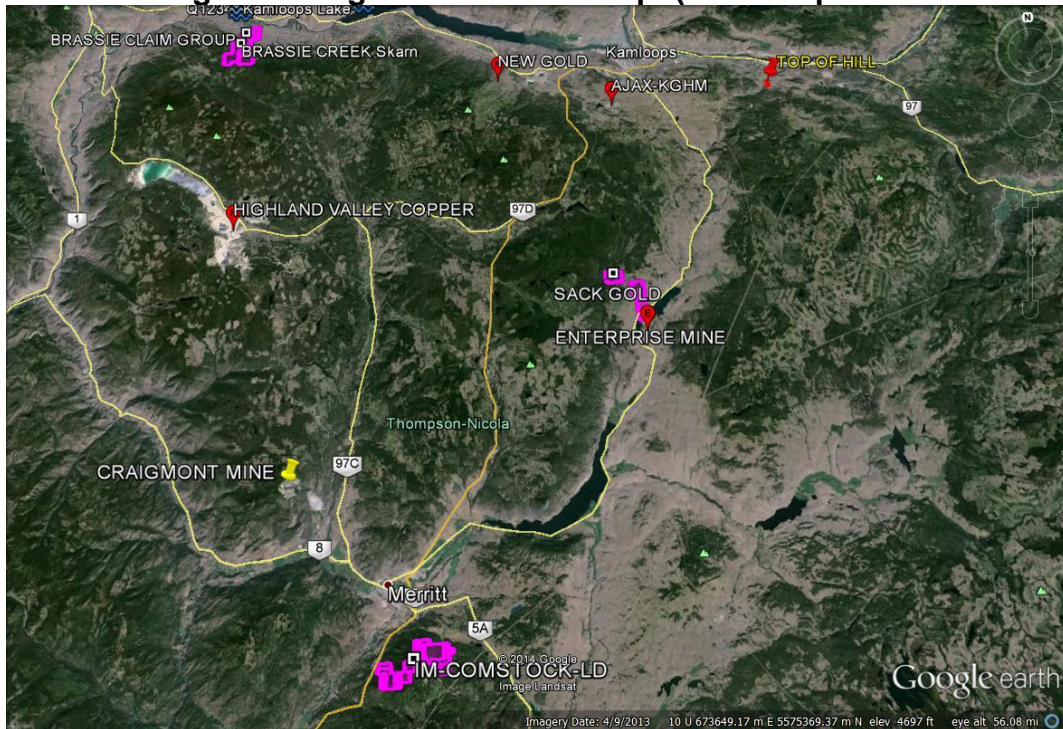
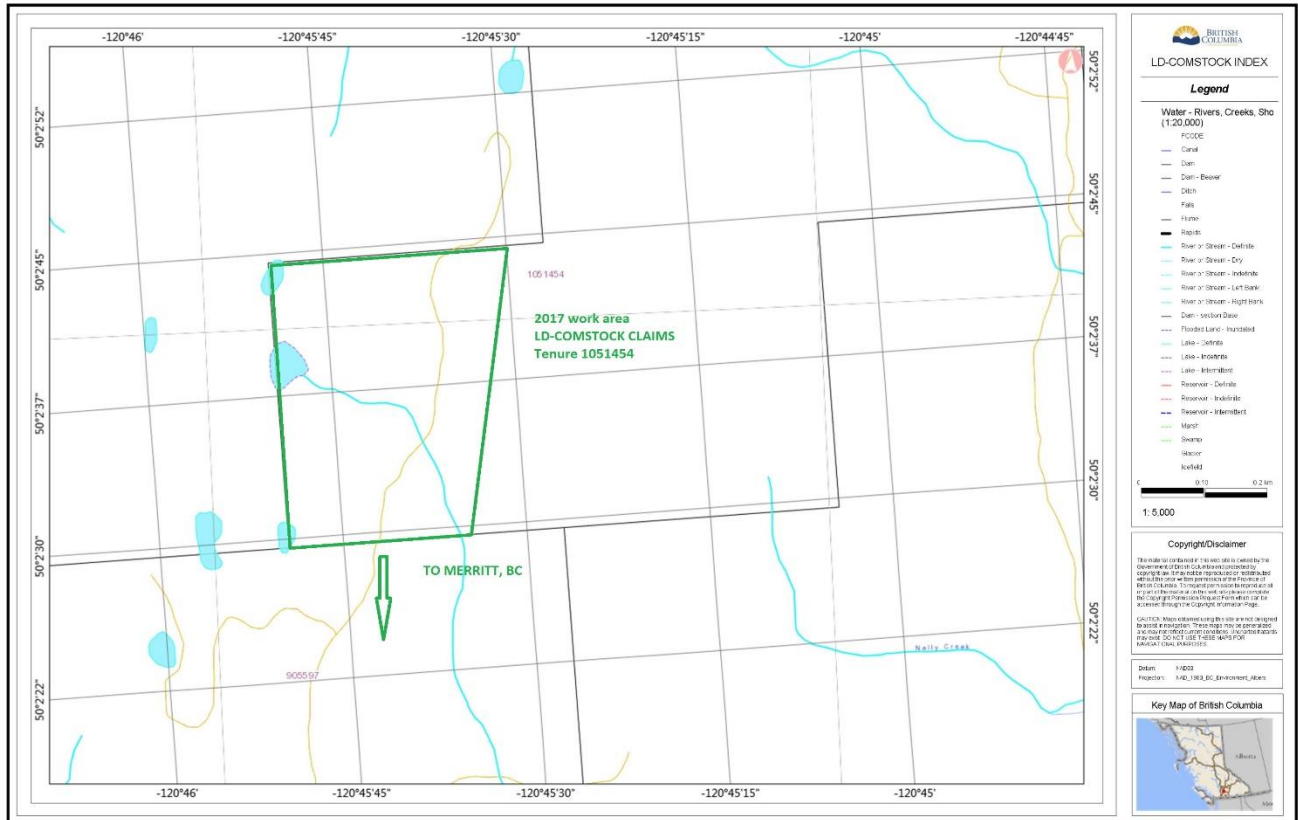


Figure 3 Regional Location Map (Base Map GOOGLE EARTH)





HISTORY

Exploration by others on land in and near the current LD-COMSTOCK Claim Group has been reported. Current tenures include most of the showings and workings reported.

From Structural Analysis Report on the Comstock Claims, Ken Ellerbeck Owner, July 4, 2013. Laurence Sookochoff, P. Eng. The Comstock Claims are included the present day LD-COMSTOCK Claim Group.

“The Property has a long history of exploration with the discovery, exploration, and limited development on three areas; the Diane Zone, the Charmer Zone, and the Comstock (Leadville) Zone. Only the Diane and the Charmer are described herein as these Zones, separated by a 200 metre barren area, have the same basic mineralogy and are for the most part are proximal to Tenure 1014834, the subject of the Structural Analysis of this report.

Historical exploration on the two zones, which are underlain by volcanics of the Western Facies of the Upper Triassic Nicola Group, resulted in the delineation of variable copper mineralization over an area of a 500 metre square area of the Diane Zone. Trenches within the zone expose a 250 metre northwest striking fault controlled zone of copper mineralization and the only location where within this area that gold values occur as defined by a geochemical survey. A discontinuous zone of auriferous quartz veining occurs within this trend which has resulted in pervasive silicification of the volcanics. A diamond drilled intersection of the fault zone resulted in core assays of 24.70 grams gold /tonne (0.72 oz/ton) over a length of 0.76 metres.

At Shaft 3 southeast of the Diana Zone and midway to the Charm Zone, the volcanics are pervasively silicified with the shaft developed on a series of quartz veins trending at 160 degrees. With vein samples from the shaft returning 0.66% copper and 0.295 ounces gold per ton and from a pit 15 metres southeast of the shaft returning 1.38% copper and 0.295 ounces gold per ton over a one metre width, a gold zone is indicated on a structure that extends from the Diane Zone to the Charm Zone.

The Charm Zone some 750 metres to the southeast from the Diane and equal in mineralized area, is separated by a 200 metre barren section containing lower overall copper values and much less gold values except within Shaft 3 located at the northwestern edge of the Zone. Trenches and two more shafts expose quartz-specularite veins over a discontinuous strike length of 800 metres. Assays of samples from the southeasterly trending zone of quartz veins returned values of 0.64 grams per tonne gold from Shaft 1, 2.35 grams per tonne gold and 1.8 per cent copper from Shaft 2, 10.11 grams per tonne gold from shaft 3. There are strong indicators for an overlapping gold/silver laden epithermal system to an established copper mineralizing event at the Diane and the Charmer Zones. This appears as the upper winged portion of an epithermal model with the gold bearing quartz zones of the Diane trench area (Figure 14) and Shaft 3 (Figure 7.) being the core, or one of the slayed cores, to the system. To test this supposition, the quartz zone(s) should be tested at depth intervals to determine the mineralogical sequence with increasing depth which could determine the location of the potential "bonanza zone" of the epithermal system (Figures 15 & 16).

The results of the Structural Analysis have shown four locations of intersecting major structures that were determined as prospective areas to explore for surficial geological indicators of a potential sub-surface mineral resource. As the majority of the zones on the Property follow northwest fractures with the width and continuity of the veining appearing strongest where fracturing is the most intense, the intersection locations, which do not correlate with any of the known mineral zones, may result in an intense fracture zone that would accommodate porphyritic type of mineralization in the volcanic."

And:

From LD PROPERTY Geological Report with Interpretation of IP Geophysical Survey, 92I/02 UTM 619000E; 5559000N (UTM ZONE 10; NAD 83), Prepared for Navigo Ventures Inc., Owner and Operator, Event # 4825543, Locke B. Goldsmith, P.Eng., P.Geo. Consulting Geologist, July 2, 2010, Revised October 6, 2011.

*"Numerous individuals and companies have explored the Iron Mountain area beginning in 1896. Most of the work was focused on the Comstock and Charmer occurrences, located one to three km south of the LD claims. Investigations in the 1980s recognized **the style of mineralization to be of volcanogenic massive sulphide deposition around rhyolite domes in a Kuroko-type setting** (Howell, 1981; Crooker, 1987; Christopher, 1989).*

Historical exploration work on the LD property has been limited to prospecting and sampling around the original showings, usually as work incidental to other projects. Two of these programs (Boronowski, 1984; Christopher, 1989) included analyses from several rock samples and soil samples, ground magnetics, and very low frequency electromagnetics (VLF EM). In 2007 and 2008 two survey lines of induced polarization and six lines of mobile metal ion soil sampling were completed to the east of the LD mineral occurrence (Mark, 2009); and

*"The exploration target for the LD property is a volcanogenic massive sulphide (VMS) base and precious metal deposit. Bedrock mineralization has been found in several locations on the property. At the LD occurrence moderately coarse crystalline galena partially fills open spaces between fragments of limestone, brecciated limestone, and calcareous siltstone. Rotated blocks of bedded impure barite carry sphalerite, galena, and minor amounts of grey copper (tetrahedrite?). Bedding in the blocks of barite is discontinuous and contorted. Veinlets of barite may contain sulphides. **A related type of mineralization exposed 1 km southwest of the LD property at the Comstock zone***

is comprised of banded veins and possibly bedded zinc-lead-barite mineralization in a flow-banded, potassium-rich felsic lava (rhyolite). Both types of zinc-lead-barite occurrences formed penecontemporaneously. The Comstock type formed in association with felsic volcanism in rhyolitic domes. The LD style of mineralization is interpreted as transportation into sedimentary basins flanking the domes.

Stratigraphically below and adjacent to the LD occurrence an early stage of silica flooding and quartz veining is followed by a later stage of crosscutting quartz +/- carbonate veinlets with associated orange-brown limonite and trace amounts of chalcopyrite and galena. This horizon may represent the stratiform chalcopyrite "yellow ore" and the underlying stringer mineralization of the Kuroko model.

Another type of mineral showing present in the area and on the LD property is structurally controlled auriferous quartz-chalcopyrite-specularite-(gold) veins. These veins trend northerly and northwesterly, oriented in the prevailing directions of faulting. In the Kuroko model, quartz-chalcopyrite veins grade downwards into siliceous chimneys that were sea floor feeder vents, in a similar setting to silicious sinter around present-day hot springs (Urabe and Sato, 1978).

The LD occurrence has been examined in previous exploration programs (Boronowski and Hendrickson, 1984; Christopher, 1989). Descriptions of the Boronowski (1984) rock samples have not been found. Descriptions of the Christopher (1989) rock samples are included in Table 3. Geochemical analyses of the Boronowski (1984) and Christopher (1989) rock samples are shown in Table 4. Both groups of values are plotted on the property geology map, Figure 4.

The LD-COMSTOCK Claim Group was acquired by online staking by the Author and Current Owner since 2011. See Page 4 of this report for Tenure list.

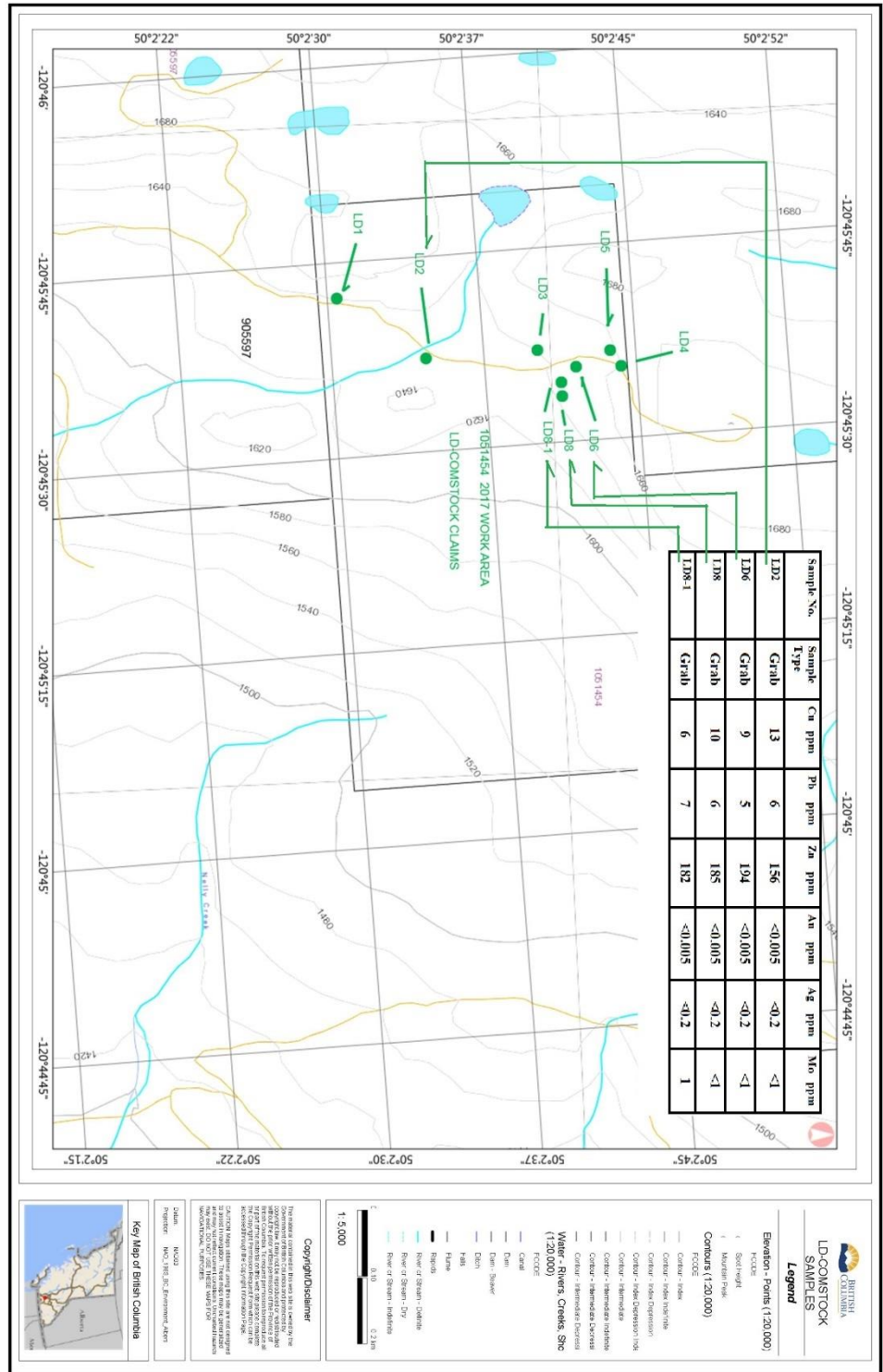
SUMMARY OF WORK DONE 2017

The Tenure Numbers in the LD-COMSTOCK Claim Group on which work was performed: Prospecting was conducted on 1051454. (Figure 4 Index - Work Areas) on October 5, 2017. Eight (8) rock grab samples were taken.

Four (4) rock samples were assayed.

One (1) field day was spent on the LD-COMSTOCK Claim Group project, including prospecting and travelling to and from the property. One (1) day was spent researching reference material, and a further one (1) day was spent compiling data, drafting and writing this report.

Figure 5 Sample Location Area Map



2017 WORK PROGRAM

Sampling Program - The author was on the LD-COMSTOCK Claim Group in October 2017 to select rock samples for verification of the reported mineralization and geology on the Property. Eight (8) grab samples were taken from 8 different sites. Four (4) grab samples were submitted for assay.

Table I. Particulars of Grab Samples taken by ELLERBECK (2017) LD-COMSTOCK

LOCATION / SAMPLE #	UTM LOCATION		DESCRIPTION
			All OUTCROP unless indicated
LD1	0660263	5545674	Talus slope below gray volcanic cliffs, fine grained, very hard, dark gray, tan amygdules, iron staining, iron spots, near vertical, N-S strike
LD2-lab	0660356	5545808	Rhyolite tuff? Granitic texture, light tan to white -black inclusions, slickenside/iron staining – magnetite?
LD3	0660356	5545979	Rhyolite tuff, silicified, greenish gray, very hard, iron inclusions, slickenside/magnetite, vertical, N-S strike
LD4	0660382	5546101	Rhyolite tuff– gray/green, very hard, dark green inclusions, iron stained/slickenside, no visible metal, near vertical, N-S strike, red-pink porphyry inclusions
LD5	0660363	5546086	Green rhyolite tuff, very hard, no visible metal, dark green inclusions, near vertical, N-S strike
LD6-lab	0660381	5546034	Grey-pink rhyolite, silicified, dark gray inclusions, slickenside, magnetite present
LD8-lab	0660405	5546012	Tan-gray rhyolite, dark inclusions, hard, no visible meta
LD8-1-lab	0660405	5546012	Tan-pink rhyolite, dark green inclusions, iron staining, alteration with magnetite, banded purplish volcanic contact, near vertical, N-S strike

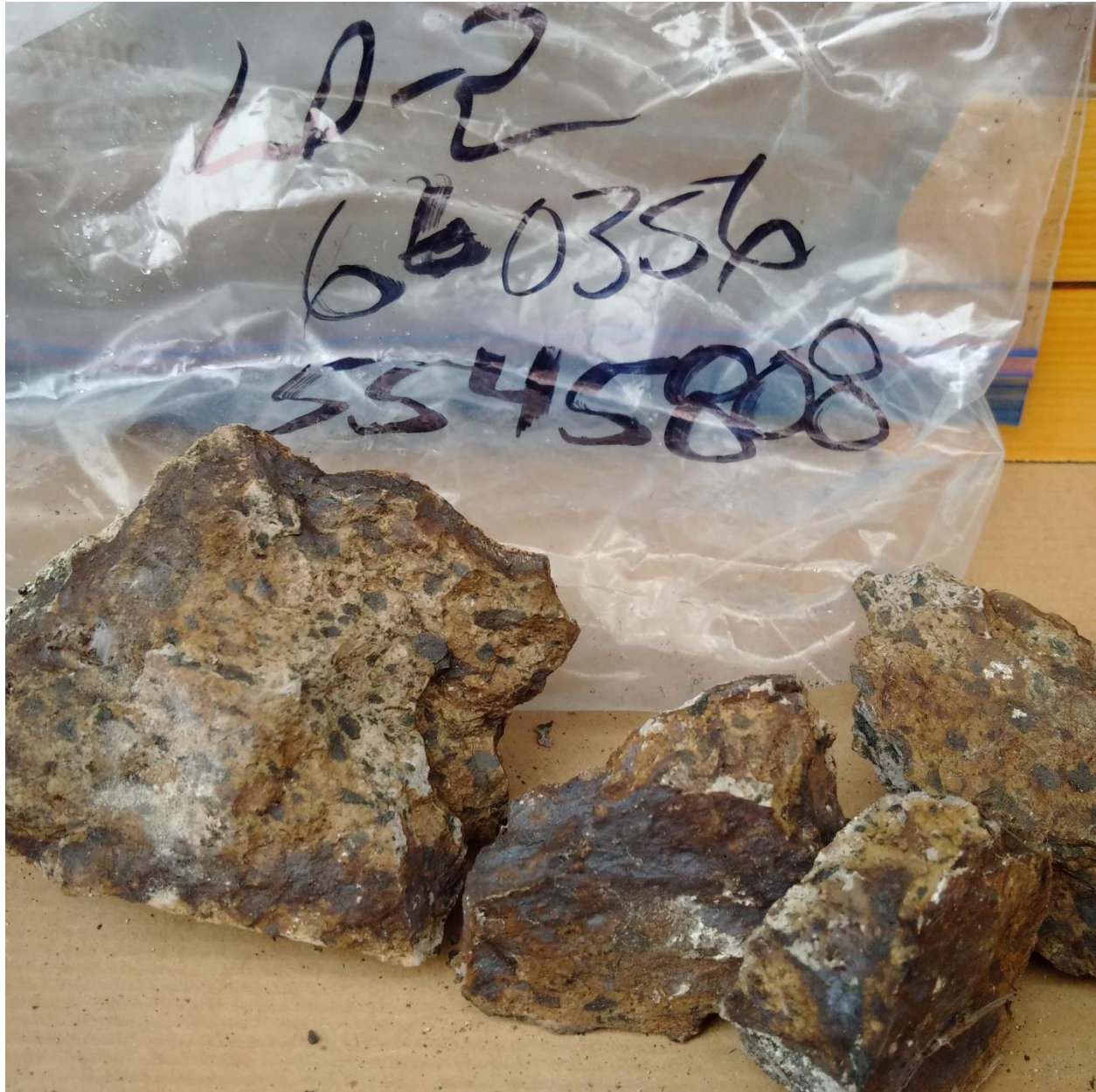
FIGURE 6 LOCATION AND TYPICAL ROCK PICTURES
SAMPLE LD1 LOCATION AND TYPICAL ROCK PICTURE





SAMPLE LD2 LOCATION AND TYPICAL ROCK PICTURE





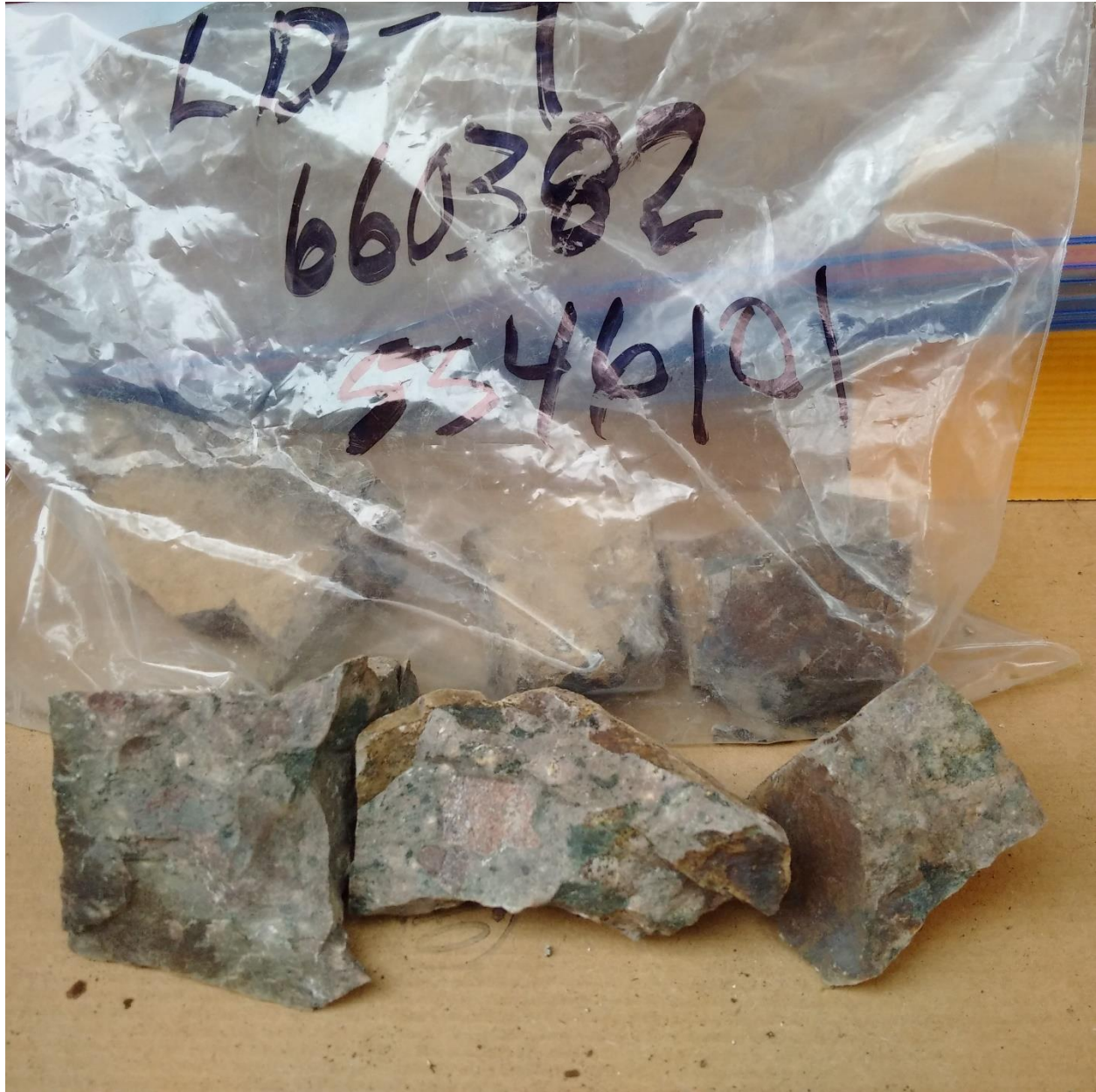
SAMPLE LD3 LOCATION AND TYPICAL ROCK PICTURE





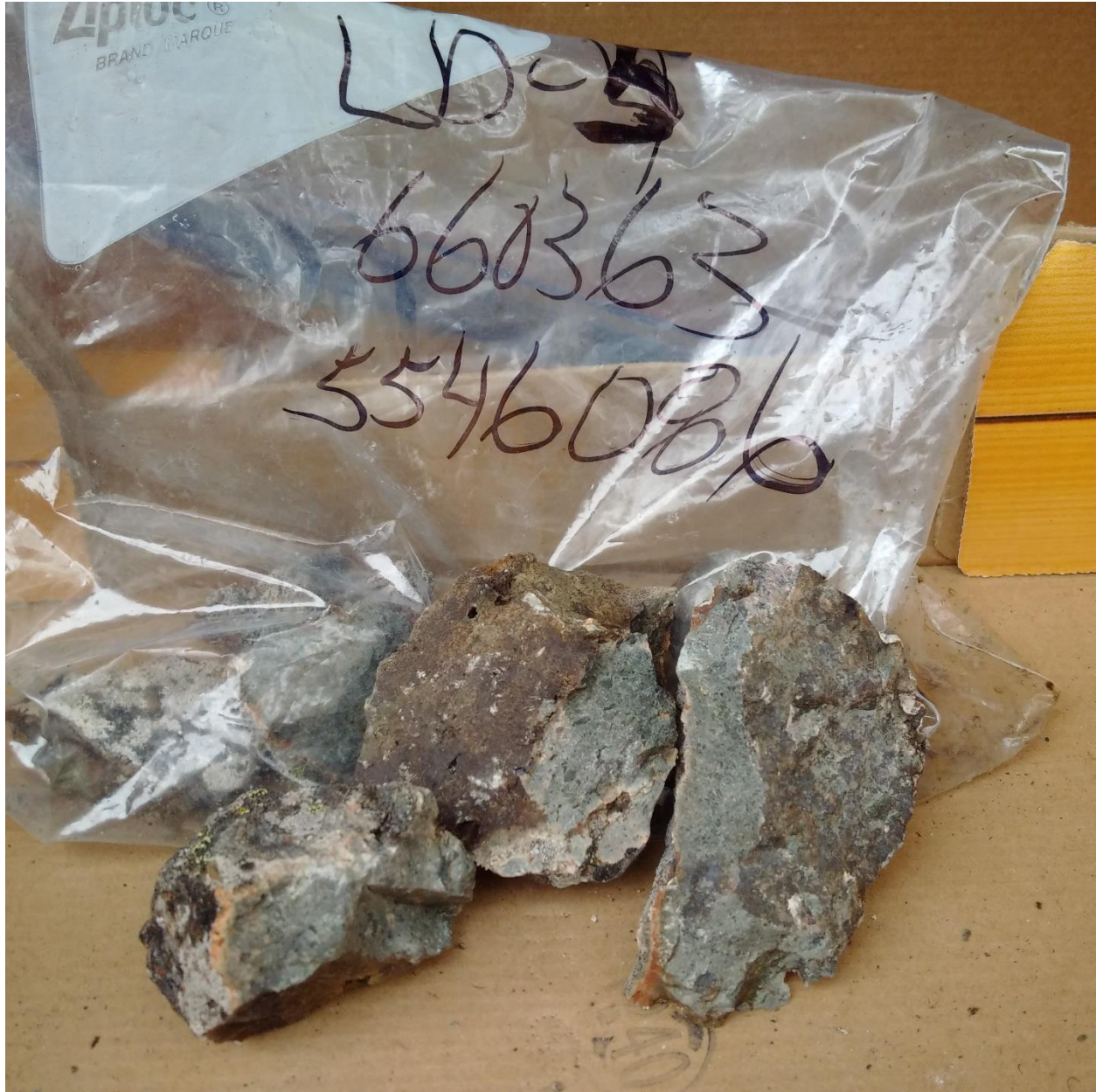
SAMPLE LD4 LOCATION AND TYPICAL ROCK PICTURE





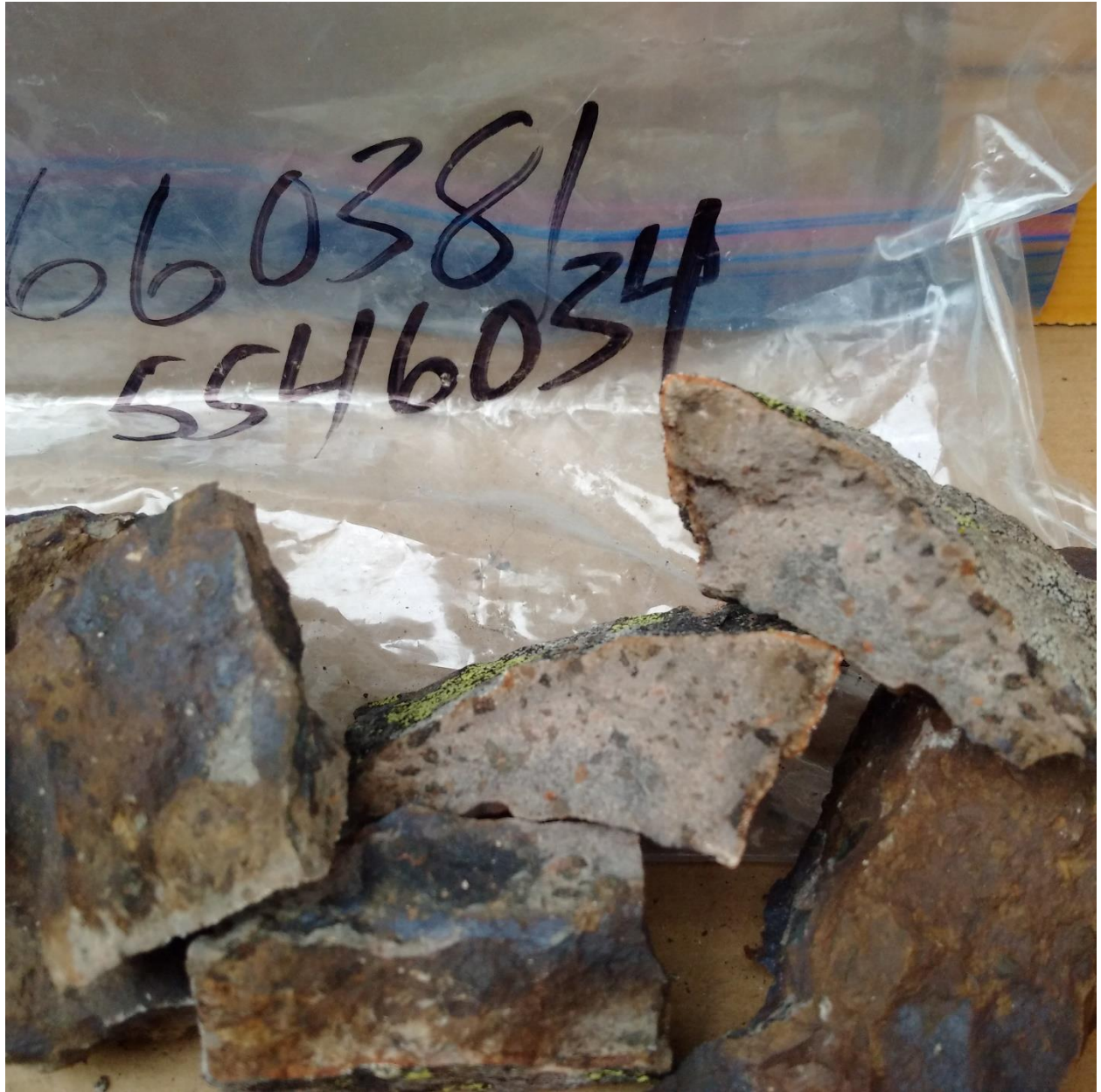
SAMPLE LD5 LOCATION AND TYPICAL ROCK PICTURE





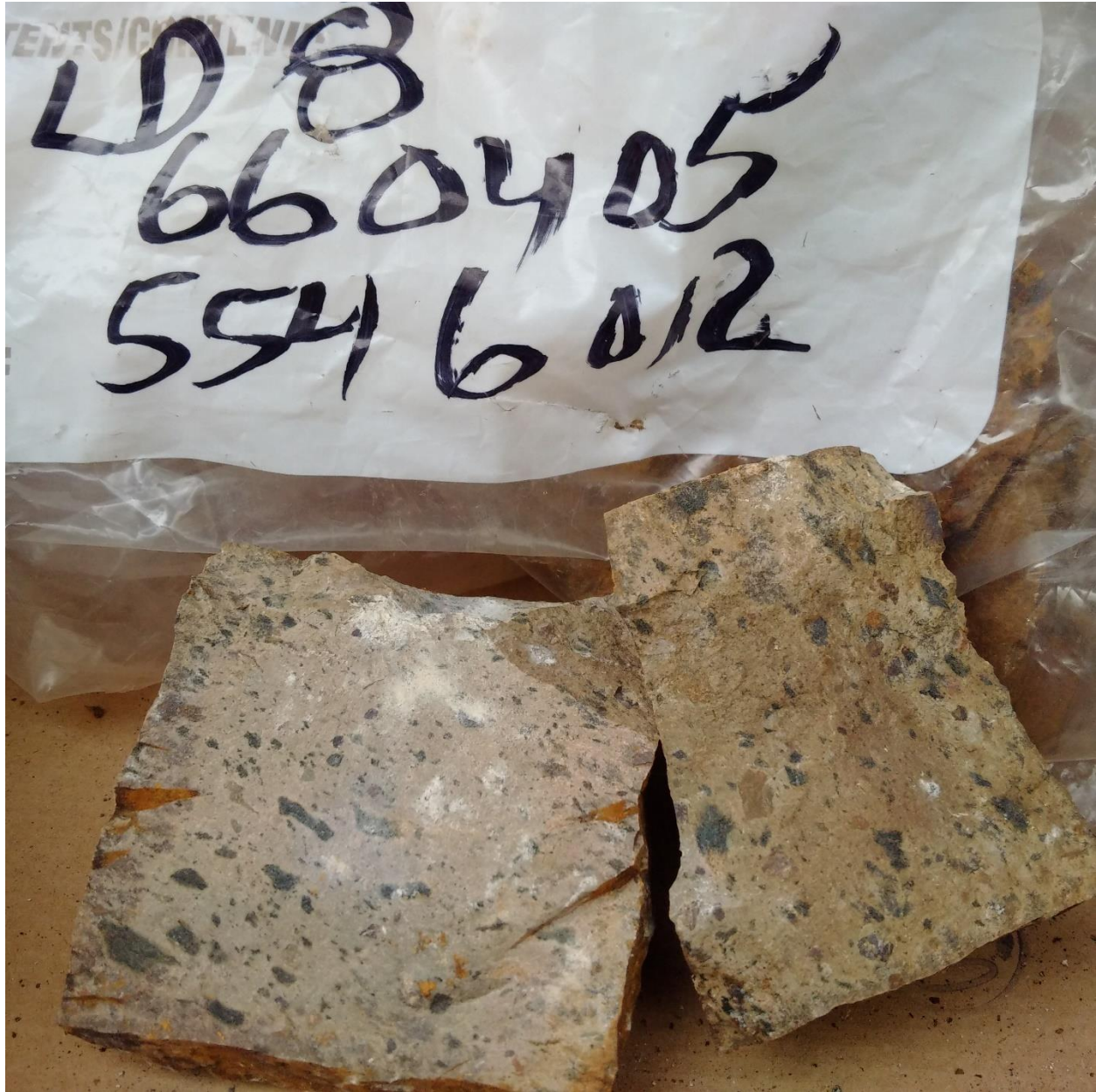
SAMPLE LD6 LOCATION AND TYPICAL ROCK PICTURE





SAMPLE LD8 LOCATION AND TYPICAL ROCK PICTURE





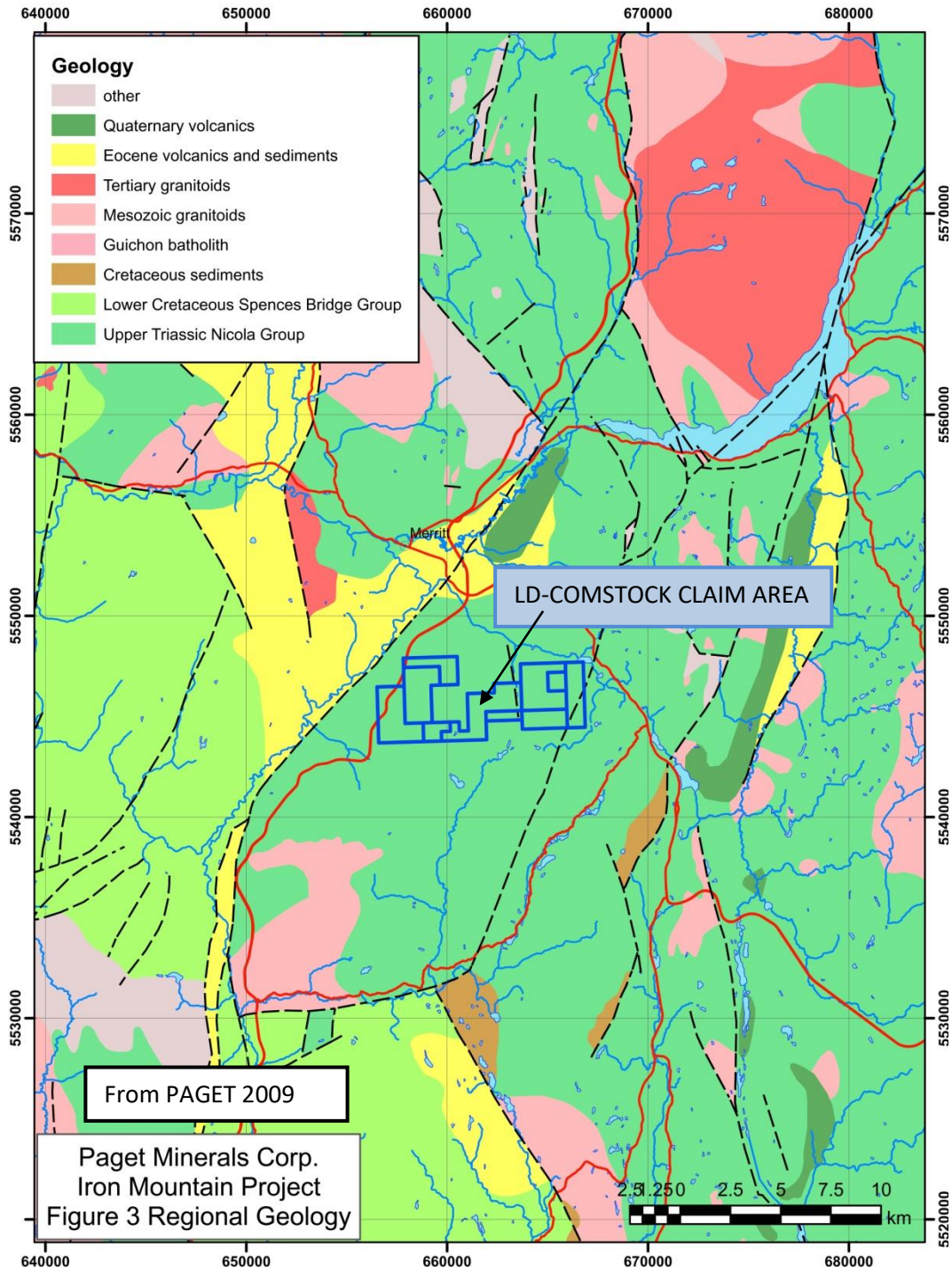
SAMPLE LD8-1 LOCATION AND TYPICAL ROCK PICTURE





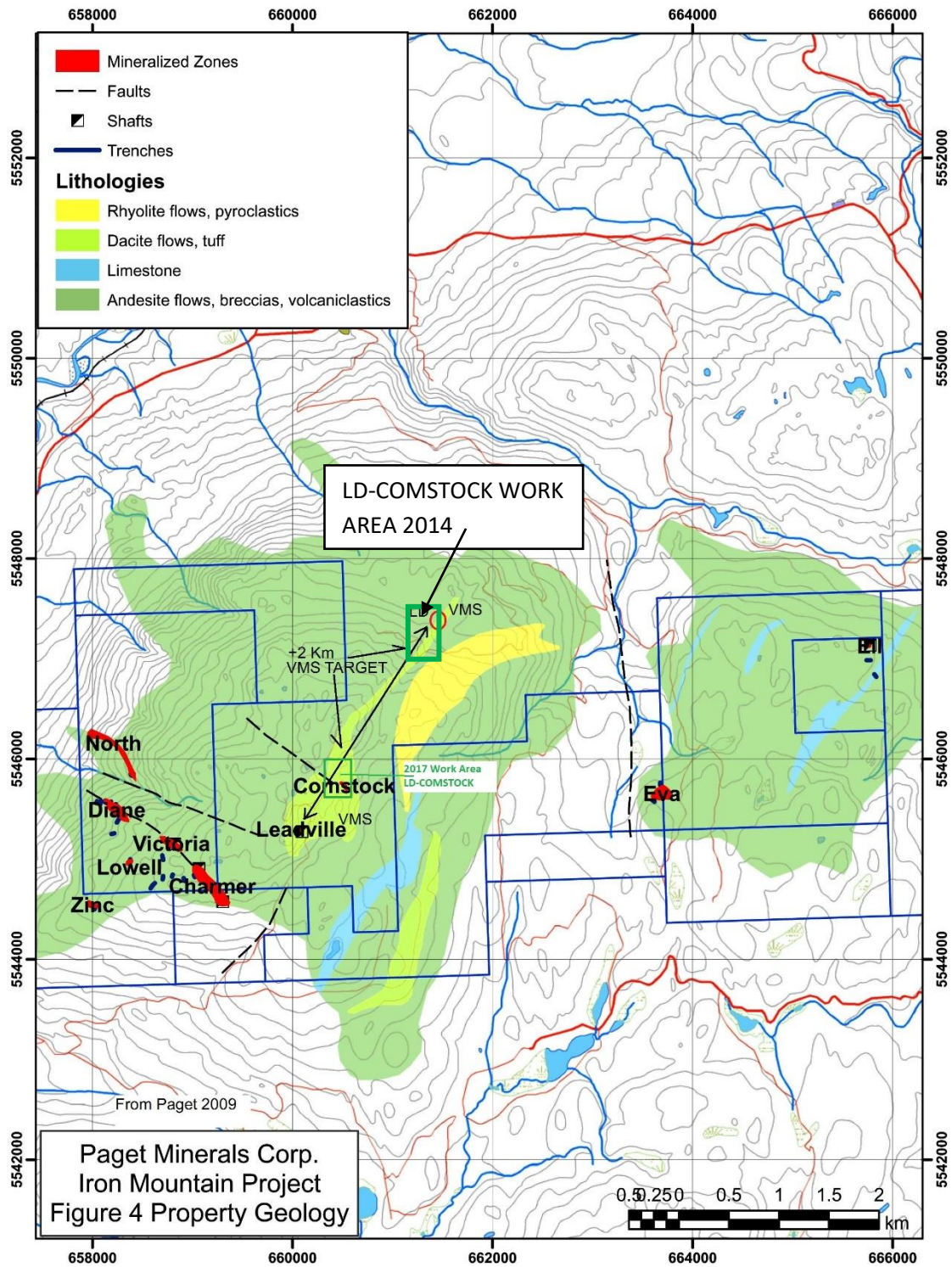
SUMMARY OF REGIONAL AND PROPERTY GEOLOGY
REGIONAL GEOLOGY

Figure 7 LD-COMSTOCK CLAIM GROUP Regional Geology



LOCAL GEOLOGY

Figure 8 LD-COMSTOCK CLAIM GROUP Local Geology



SUMMARY OF REGIONAL AND PROPERTY GEOLOGY (.....continued)

Prospecting on the LD-COMSTOCK Tenure 1051454 confirmed the presence of andesitic volcanic rocks and rhyolitic dome rock in the Work Area.

Elevated levels of Zn were found in all samples.

No Elevated levels of Au, Ag were found.

Table I. Particulars of Grab Samples taken by ELLERBECK (2017) LD-COMSTOCK

LOCATION / SAMPLE #	UTM LOCATION		DESCRIPTION
			All OUTCROP unless indicated
LD1	0660263	5545674	Talus slope below gray volcanic cliffs, fine grained, very hard, dark gray, tan amygdules, iron staining, iron spots, near vertical, N-S strike
LD2-lab	0660356	5545808	Rhyolite tuff? Granitic texture, light tan to white -black inclusions, slickenside/iron staining – magnetite?
LD3	0660356	5545979	Rhyolite tuff, silicified, greenish gray, very hard, iron inclusions, slickenside/magnetite, vertical, N-S strike
LD4	0660382	5546101	Rhyolite tuff– gray/green, very hard, dark green inclusions, iron stained/slickenside, no visible metal, near vertical, N-S strike, red-pink porphyry inclusions
LD5	0660363	5546086	Green rhyolite tuff, very hard, no visible metal, dark green inclusions, near vertical, N-S strike
LD6-lab	0660381	5546034	Grey-pink rhyolite, silicified, dark gray inclusions, slickenside, magnetite present
LD8-lab	0660405	5546012	Tan-gray rhyolite, dark inclusions, hard, no visible meta
LD8-1-lab	0660405	5546012	Tan-pink rhyolite, dark green inclusions, iron staining, alteration with magnetite, banded purplish volcanic contact, near vertical, N-S strike

TECHNICAL DATA AND INTERPRETATION

Table II. Summarized Assay Results- Grab Samples-Ellerbeck (2017) – LD-COMSTOCK

Sample No.	Sample Type	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm	Mo ppm
LD2	Grab	13	6	156	<0.005	<0.2	<1
LD6	Grab	9	5	194	<0.005	<0.2	<1
LD8	Grab	10	6	185	<0.005	<0.2	<1
LD8-1	Grab	6	7	182	<0.005	<0.2	1

PURPOSE

In October 2017 a prospecting program was completed on Tenure 1051454 of the 14 Claim LD-Comstock CLAIM GROUP. The purpose of the prospecting program was to locate geological features (VMS and gold bearing structures in particular) similar to those at the LD and COMSTOCK showings (rhyolite dome – see Page 8) contained in the claim group, as well as to prospect for unidentified outcrops and showings of significance. Information for this report was obtained from sources cited under Selected References and from a property examination made on October 5, 2017.

There was no reference in previous work of rhyolite outcrops in the vicinity of the 2017 LD Work Area. The writer wished to determine the extent of rhyolite domes, similar to the Leadville-Comstock and LD occurrence.

PROSPECTING RESULTS - Outcrops

LD2: confirmed previous local/property and regional geological mapping - rhyolite;
LD6: confirmed previous local/property and regional geological mapping - rhyolite;
LD8: confirmed previous local/property and regional geological mapping - rhyolite;
LD8-1: confirmed previous local/property and regional geological mapping - rhyolite;

ASSAY RESULTS

Elevated Zn levels in all samples.
Confirmed mineralization within rhyolite unit.

INTERPRETATIONS AND CONCLUSIONS

The reported presence of mineralization within the LD-COMSTOCK Claim Group was confirmed by sampling and assaying various outcroppings during the October 5, 2017 prospecting program.

“A related type of mineralization exposed 1 km southwest of the LD property at the Comstock zone is comprised of banded veins and possibly bedded zinc-lead-barite mineralization in a flow-banded, potassium-rich felsic lava (rhyolite). Both types of zinc-lead-barite occurrences formed pencontemporaneously. The Comstock type formed in association with felsic volcanism in rhyolitic domes. The LD style of mineralization is interpreted as transportation into sedimentary basins flanking the domes.”

SUMMARY AND RECOMMENDATIONS

The 2017 field program showed that rhyolite is present and that mineralization is present in the rhyolite outcrops in the vicinity of the LD and COMSTOCK showings.

Previous geological mapping of the area between the VMS LD showing and the VMS Comstock showing approximately 2 km. to the south of the LD showing indicates the presence of both limestone and rhyolite rocks in the 2 km separation.

The 2017 field program assay results indicate that a careful examination of the rhyolite between the 2 known VMS occurrences is warranted. Therefore it is recommended by the Author that a comprehensive prospecting plan be created and executed in the field as soon as practical in order to confirm and map the extent of the limestone and rhyolite rocks between the LD and Comstock showings.

ITEMIZED COST STATEMENT

Exploration Work type	LD-COMSTOCK	Days			Totals
PROSPECTING & EXPLORATION					
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Ken Ellerbeck / Owner	October 5, 2017	1	\$500.00	\$500.00	
Q. Ellerbeck / Helper	October 5, 2017	1	\$250.00	\$250.00	
		1		\$0.00	
		1		\$0.00	
		1		\$0.00	
		1		\$0.00	
				\$750.00	\$750.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search	Ken Ellerbeck	1.0	\$500.00	\$500.00	
Database compilation	Ken Ellerbeck	0.5	\$500.00	\$250.00	
General research	Ken Ellerbeck	0.5	\$500.00	\$250.00	
Report preparation	Ken Ellerbeck	1.0	\$500.00	\$500.00	
Other (specify)				\$0.00	
				\$1,500.00	\$1,500.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospect	see Personnel Field Days				
Underground					
Trenches				\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	ALS MINERALS Vancouver	0.0	\$49.46	\$0.00	
Rock	ALS MINERALS Vancouver	4.0	\$48.00	\$192.00	
				\$192.00	\$192.00
Transportation		No.	Rate	Subtotal	
KM Kamloops-Property-return	1 DAYS RETURN TRIPS	225.00	\$0.95	\$213.75	
KM SAMPLES TO LAB	October 18, 2017	51.00	\$0.95	\$48.45	
				\$0.00	
				\$262.20	\$262.20
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$0.00	
Camp			\$0.00	\$0.00	
Meals	2 man-days @\$40/day	2.00	\$40.00	\$80.00	
				\$80.00	\$80.00
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)				\$0.00	
				\$0.00	\$0.00
Equipment Rentals					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)				\$0.00	
				\$0.00	\$0.00
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
TOTAL Expenditures					\$2,784.20

STATEMENT OF AUTHOR'S QUALIFICATIONS

STATEMENT OF AUTHOR'S QUALIFICATIONS**KENNETH C. ELLERBECK, PMP**

I hold a BSc in Mechanical Engineering, University of Alberta, Edmonton, 1973.

I have completed University level introductory geology courses.

I hold a Certificate in Project Management from University of British Columbia, Sauder School of Business, 2010.

I hold a Project Management Professional designation – PMP – 1391810 – 2011.

I have been actively involved in all aspects of mineral exploration since 1980 in the Province of British Columbia.

I have managed staking and exploration programs since 1980 on my own mineral tenures as well as for tenures held by both private and publicly-held junior exploration companies.

My mineral exploration experience includes staking, prospecting, trenching, trench mapping, line cutting and grid construction, geochemical surveys, geophysical surveys, diamond drilling supervision and general exploration program supervision.

SIGNED



KENNETH C. ELLERBECK

LIST OF SELECTED REFERENCES

- BC Geological Survey, Ministry of Energy, Mines & Petroleum Resources – MINFILE : 092ISE107
- British Columbia Survey Branch, The Map Place.
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British Columbia Survey Branch, The Map Place.

LIST OF SOFTWARE PROGRAMS USED

ADOBE PHOTOSHOP 7.0

PAINT for WINDOWS

ARIS MAPBUILDER – Map Data downloads

Imap BC – Map Data downloads

MtOnline - MINFILE downloads.

APPENDIX 1 SAMPLE PREPARATION AND METHOD OF ANALYSIS



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Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 25- OCT- 2017
 Account: ELLERK

CERTIFICATE OF ANALYSIS KL17223889

	CERTIFICATE COMMENTS								
<p>Applies to Method:</p>	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 22</td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL- QC</td> <td>SPL- 21</td> <td>WEI- 21</td> <td style="text-align: right;">PUL- 31</td> </tr> </table>	CRU- 31	CRU- QC	LOG- 22		PUL- QC	SPL- 21	WEI- 21	PUL- 31
CRU- 31	CRU- QC	LOG- 22							
PUL- QC	SPL- 21	WEI- 21	PUL- 31						
<p>Applies to Method:</p>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au- AA23</td> <td style="width: 33%;">ME- ICP41</td> <td style="width: 33%;"></td> <td style="width: 15%;"></td> </tr> </table>	Au- AA23	ME- ICP41						
Au- AA23	ME- ICP41								



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CERTIFICATE KL17223889

This report is for 16 Rock samples submitted to our lab in Kamloops, BC, Canada on 16- OCT- 2017.
 The following have access to data associated with this certificate:
 KEN ELLERBECK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: KEN ELLERBECK
 ATTN: KEN ELLERBECK
 255 WEST BATTLE STREET
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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

APPENDIX 2 ASSAY RESULTS



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CERTIFICATE OF ANALYSIS KLI7223889

Sample Description	Method Analyte Units LOR	WE-21 Revd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
Plug 8		1.11	<-0.005	<-0.2	0.32	3	<10	20	<-0.5	<-2	5.27	<-0.5	48	283	13	4.43
Plug 6		0.17	<-0.005	<-0.2	0.29	19	<10	50	<-0.5	<-2	4.14	<-0.5	44	214	17	4.07
Plug 5		0.31	<-0.005	<-0.2	0.34	21	<10	40	<-0.5	<-2	5.02	<-0.5	55	282	14	5.64
Plug 4		0.71	<-0.005	<-0.2	0.66	9	<10	50	<-0.5	<-2	4.12	<-0.5	53	319	14	4.97
Bras 7		0.25	<-0.005	<-0.2	0.47	123	10	880	0.5	<-2	3.18	1.3	33	9	92	4.29
Bras 9		0.48	0.005	0.4	0.57	29	<10	830	<-0.5	<-2	0.12	1.0	3	7	82	1.63
Bras 11		0.77	0.024	1.3	0.42	33	<10	390	<-0.5	10	2.23	<-0.5	43	4	3640	>50
Bras 10		1.05	0.005	1.0	0.57	28	<10	20	<-0.5	8	0.98	<-0.5	57	3	832	4.0
KM 5		0.48	<-0.005	<-0.2	2.51	3	<10	80	<-0.5	<-2	1.08	<-0.5	24	37	22	4.83
KM 4		0.39	<-0.005	<-0.2	2.59	2	<10	530	<-0.5	3	1.30	<-0.5	25	4	25	6.77
KM 1		0.21	<-0.005	<-0.2	1.58	3	<10	3550	<-0.5	<-2	0.43	<-0.5	12	21	29	2.30
LD - 2		0.46	<-0.005	<-0.2	1.45	2	<10	200	0.5	<-2	0.48	<-0.5	5	6	13	2.88
LD - 6		0.34	<-0.005	<-0.2	1.37	2	<10	140	0.5	<-2	0.30	<-0.5	4	3	9	2.39
LD - 3		0.53	<-0.005	<-0.2	1.28	2	<10	100	0.5	<-2	1.27	<-0.5	3	5	10	2.35
LD 3 - 1		1.11	<-0.005	<-0.2	1.09	3	<10	410	0.7	<-2	0.67	<-0.5	4	3	6	2.40

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



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CERTIFICATE OF ANALYSIS KLI7223889

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Se ppm	ME-ICP41 Sr ppm
Plug 8		<10	<1	0.19	<10	10.85	879	<1	<0.01	717	590	2	0.01	<2	13	295
Plug 5		<10	<1	0.16	<10	11.45	846	<1	<0.01	841	380	2	0.22	4	13	221
Plug 4		<10	<1	0.16	<10	10.00	926	<1	<0.01	704	310	<2	0.28	<2	17	301
Plug 7		<10	1	0.19	<10	10.65	872	<1	<0.01	757	460	<2	0.11	2	16	284
Bras 7		<10	1	0.15	<10	0.57	516	7	0.06	330	330	17	0.09	6	11	93
Bras 9		<10	1	0.35	<10	0.10	205	9	0.02	5	280	7	0.13	<2	3	29
Bras 11		20	10	0.01	40	0.37	1320	7	<0.01	5	130	9	0.12	21	11	53
Bras 4		10	4	0.01	40	0.78	3810	6	<0.01	4	210	9	0.04	20	13	62
KM 6		<10	<1	0.10	<10	0.70	645	<1	<0.01	31	330	2	0.02	<2	3	8
KM 4		10	<1	0.03	<10	1.75	610	<1	0.05	37	830	<2	0.01	2	3	38
KM 5		10	1	0.07	<10	1.25	880	1	0.09	12	1330	<2	0.09	<2	4	39
KM 1		10	<1	0.33	10	0.62	1985	<1	0.02	42	440	3	0.07	<2	5	213
LD- 2		10	10	0.40	20	0.69	1110	<1	0.06	2	830	6	0.01	<2	5	10
LD- 6		10	<1	0.37	10	0.73	828	<1	0.05	1	760	5	0.01	<2	4	7
LD- 8		<10	<1	0.55	20	0.52	1125	<1	0.07	2	740	6	0.02	<2	5	17
LD 8-1		<10	<1	0.42	20	0.32	1585	1	0.03	1	700	7	0.01	<2	4	12

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



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CERTIFICATE OF ANALYSIS KLI7223889

Sample Description	Method Analyte Units LOR	ME-ICP41		ME-ICP41		ME-ICP41		ME-ICP41		ME-ICP41	
		Th ppm	TI %	TI ppm	U ppm	V ppm	W ppm	Zn ppm	Zn ppm		
Plug 3	<20	<0.01	<10	<10	<10	70	<10	10			
Plug 6	<20	<0.01	<10	<10	<10	58	<10	8			
Plug 5	<20	<0.01	<10	<10	<10	97	<10	7			
Plug 4	<20	<0.01	<10	<10	<10	7	<10	1			
Bras 7	<20	0.01	<10	<10	<10	88	<10	99			
Bras 9	<20	<0.01	<10	<10	<10	14	<10	33			
Bras 11	<20	0.02	<10	<10	<10	159	<10	162			
Bras 4	<20	0.01	<10	<10	<10	49	<10	407			
KM 6	<20	0.07	<10	<10	<10	31	<10	46			
KM 4	<20	0.44	<10	<10	<10	105	<10	45			
KM 5	<20	0.59	<10	<10	<10	118	<10	66			
KM 1	<20	0.16	<10	<10	<10	22	<10	90			
LD - 2	<20	0.01	<10	<10	<10	17	<10	156			
LD - 6	<20	0.01	<10	<10	<10	13	<10	194			
LD - 8	<20	0.01	<10	<10	<10	11	<10	185			
LD 8 - 1	<20	<0.01	<10	<10	<10	8	<10	182			

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