

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] ROCK GEOCHEMISTRY & PROSPECTING TOTAL COST/ 72760.00

AUTHOR(S) CRAIG KENNEDY SIGNATURE(S) Craig Kennedy

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) N/A YEAR OF WORK 2014

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5511831 / 5522567

PROPERTY NAME SON OF CAPTAIN

CLAIM NAME(S) (on which work was done) 1019228, 1019229, 1029216, 986502

COMMODITIES SOUGHT PB/ZN - AU/AG

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN ---

MINING DIVISION NELSON NTS 082F.019

LATITUDE --- ° --- ' --- " LONGITUDE --- ° --- ' --- " (at centre of work)

OWNER(S) UTM COORDINATES 558000E - 5446000N

1) TOM KENNEDY 2) _____

MAILING ADDRESS

2290 DEWOLFE AVE

KIMBERLEY B.C. VIA-1P5

OPERATOR(S) [who paid for the work]

1) CRAIG KENNEDY 2) _____

MAILING ADDRESS

2290 DEWOLFE AVE

KIMBERLEY B.C. VIA-1P5

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

HORST STRUCTURAL BLOCK OF UNIQUE SILICEOUS ROCKS WITH WIDESPREAD SERICITE, CARBONATE AND CHLORITE ALTERATION. ABUNDANT LIESEGANG ALTERATION ASSOCIATED WITH QUARTZ VEINS AND FRACTURE MINERALIZATION - ANOMALOUS AU, PBZNCU. ROCKS SPECULATED TO BE CLOSE TO INTERVAL THAT HOST SULLIVAN ORE BODY AT KIMBERLEY

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS _____

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 _____	6 (30 ELEMENT ICP)	1029216, 1019228	160
Other _____			
DRILLING (total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____	1:10,000	1019228, 1019229, 1029216 986302	1800
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other <u>REPORT</u>			800
TOTAL COST			\$ 2760. ⁰⁰

ASSESSMENT REPORT
ROCK GEOCHEMISTRY & PROSPECTING PROGRAM

SON OF CAPTAIN
NELSON MINING DIVISION

N.T.S. MAP SHEETS 082F.019

UTM COORDINATES 558000E – 5446000N

ZONE 11

OWNER
Tom Kennedy
2290 Dewolfe Ave
Kimberley BC V1A 1P5

REPORT BY
Craig Kennedy
Prospector
2290 Dewolfe Ave.
Kimberley BC V1A 1P5

September 2014

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SON OF CAPTAIN PROPERTY

ROCK GEOCHEM & PROSPECTING REPORT

Craig Kennedy

September 2014

1.00 INTRODUCTION

1.10 Location and Access

The Son of Captain mineral claims are located approximately 22km east of Creston BC. Access to the property is gained off of Highway 3 onto recent and older logging roads. Most of the property is easily travelled on foot, although steep slopes occur on either side of Hazel Creek. The claims are centred near UTM coordinates 558000E – 5446000N.

1.20 Property

The Son of Captain mineral claims covered by this report are tenures: 986502, 1019181, 1019228, 1019229 & 1019321 and 1020878, a contiguous block of claims owned by Tom Kennedy of South Slokan BC.

1.30 History

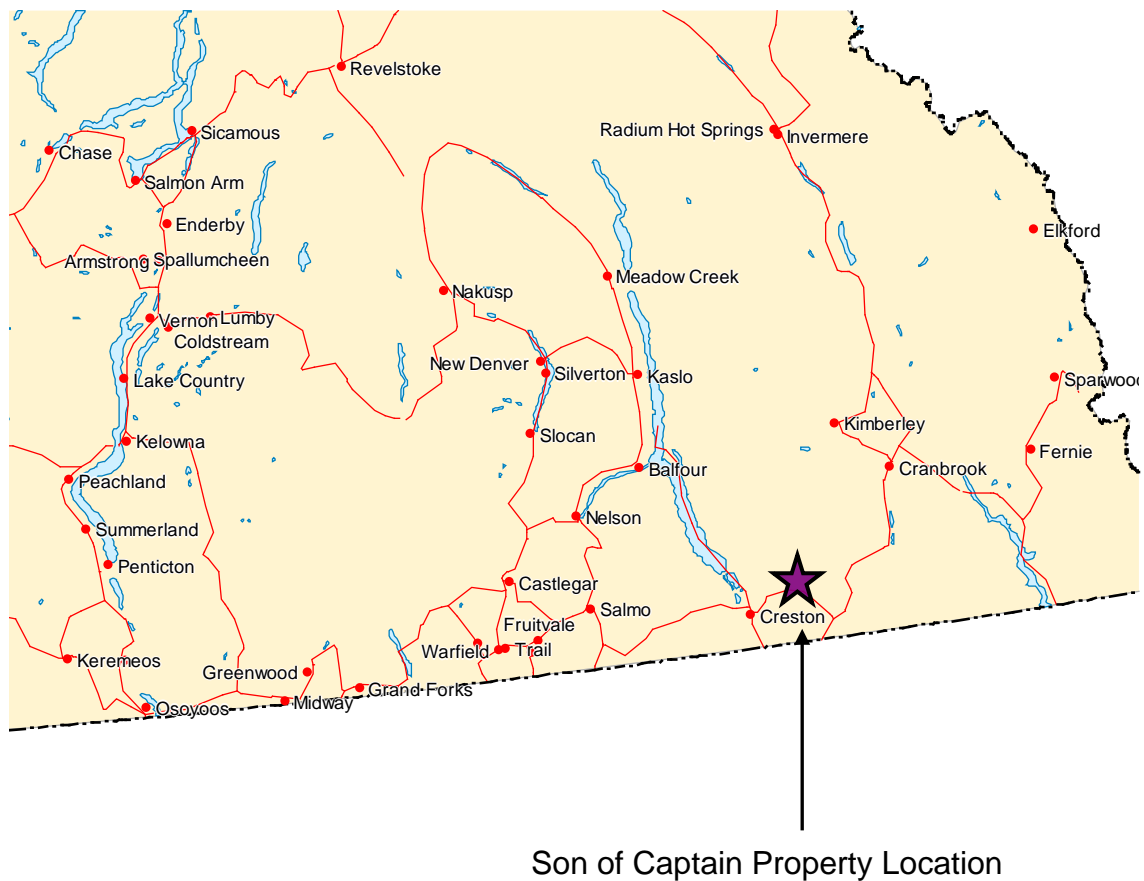
This area has been held under tenure on and off through the past 60 years. Historic exploration work in the area of the property is extensive with individuals, junior and major exploration companies all taking opportunities to explore. Prospecting, geology, rock and soil geochemistry, geophysics, trenching and drilling have all been employed.

1.40 Summary

As previously stated the structural setting of the Son of Captain property is complex and unique. The property is thought to overlie a reverse panel of faults which form a horst block. (Wiklund Horst) This structural domain exists between the Moyie Fault to the east and the Carol Creek Fault on the west. Both faults dip west and the Moyie Fault is noted as having a number of important mineral occurrences along its strike. It is interpreted that the Wiklund Horst represents the core zone of a proterozoic basin that has been elevated by reverse fault movement specifically the Spider Creek and Hydro Faults. Evidence is indicated

by observations of alterations, tectonic disturbances, mineral occurrences and anomalous rock geochemistry. Visibly the lithologies enclosed by the Hydro and Spider Creek Faults show a higher degree of alteration and metamorphism than rocks that boarder the Horst.

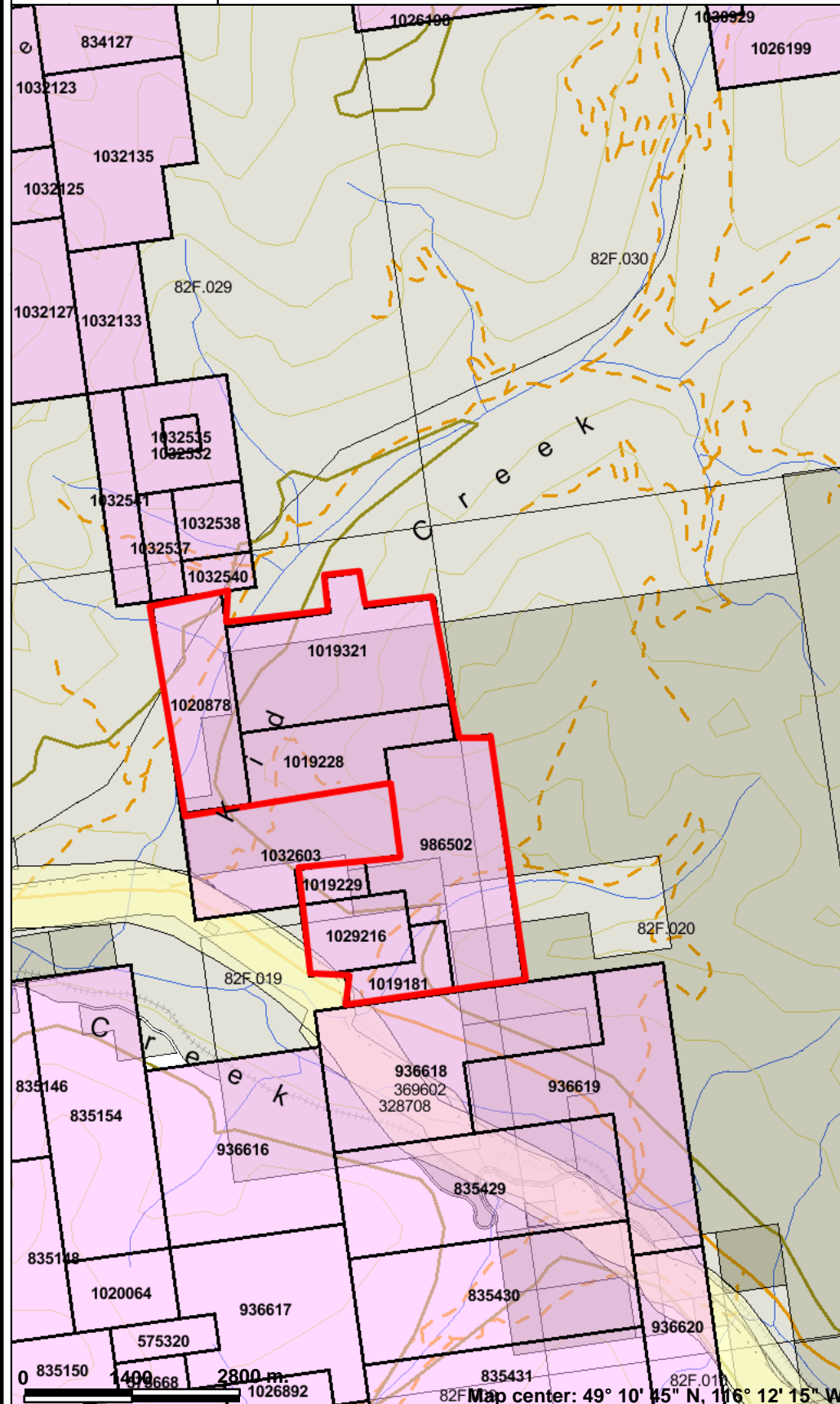
Figure 1: Regional Location Map



2.00 Prospecting Program

Prospecting was conducted on the crown portion of mineral claims 1029216, 1019229 and a portion of tenure 986502. Bedrock outcrops are scarce with mostly thick glacial till covering more moderate slopes. The few outcrops noted on the prospecting traverse were sericite and chlorite altered with some minor occurrences of pyrrhotite and or pyrite. Dio-gabbro intrusives also show quartz veining and carbonate alteration. All gabbros tested were non-magnetic. Shearing associated with carbonate and manganese alteration is noted at a number of sediment dio-gabbro contacts. Liesegang alteration is also very obvious in areas of more intense foliation and shearing. Local folding of sediments was also noted with the liesegang alteration. A number of areas provided what is thought to be locally derived granophyre/granofel fragmental float. This float material can contain an abundance of iron sulphide, most of which is pyrrhotite. Also of interest is the occasional piece of carbonate altered dio-gabbro float. These boulders often have a punky rind with a more siliceous pyrite altered center. These boulders may be carbonatite which are related to the Spider Creek Fault which is projected to exist within the area prospected. The other float of potential interest is limonitic altered vuggy bull quartz. This material also hosts chlorite and biotite.

Figure 2, Claim Location Map - Son of Captain



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:250K)
- Transportation - Points (1:250K)
- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown
- Airport.Abandoned
- Transportation - Lines (1:250K)
- Ferry Route
- Aerial Cableway
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 3 Lanes
- Road - Paved.lanes.2or More.Divided
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road - Paved.lanes.3or More.Undivided

Scale: 1:80,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

3.00 CONCLUSION

Prospecting has confirmed wide spread chlorite-liesegang alteration similar to that recognized with base and precious metals on other areas of the property. Carbonate altered float may indicate an opportunity for discovery of carbonatite intrusives along the trace of the Spider Creek Fault. Thick overburden inhibits prospecting, geology and soil geochemistry, It is recommended a tight spaced mag/Em survey along the projection of the Spider Creek Fault be completed. This activity may provide an opportunity for mechanical trenching.

4.00 STATEMENT OF EXPENDITURES

Prospecting & Geochem, Son of Captain

Work performed: June 29 – July 5, 2014

Craig Kennedy - 2 days @ 500/day	\$1000.00
2 vehicle days @ 100/day	200.00
Tom Kennedy - 1 day @ 500/day	500.00
1 vehicle day @ 100/day	100.00
Acme Labs	160.00
Report	<u>800.00</u>
Total:	<u>\$2760.00</u>

5.00 AUTHOR'S QUALIFICATIONS

As the author of this report I, Craig Kennedy, certify that:

1. I am an independent prospector residing at 2290 Dewolfe Avenue, Kimberley, BC.
2. I have been actively prospecting in the East and West Kootenays district of BC for the past 34 years and have made my living prospecting for the past 25 years.
3. I have been employed as a professional prospector by major and junior mineral exploration companies.
4. I own and maintain mineral claims in BC and have optioned numerous claims to various exploration companies.

Craig Kennedy

Craig Kennedy
Prospector

Appendix #1 - Rock Sample Descriptions

Sample No.	UTM E	UTM N	Property	Description
CK-14-147	556784	5445238	Son of Captain	Liesegang, Mn, Ser w/ Lm along fractures close to fault zone
CK-14-148	556737	5445276	Son of Captain	Fault or shear contact sediments & Dio/Gabbro clay alteration, Lm, Mn-same strong liesegang
CK-14-149	556729	5445273	Son of Captain	2.5m of composite sample altered fault zone - Lm, clay Ser - typical liesegang alteration
CK-14-153	555821	5447249	Son of Captain	Float - narrow pieces of punky Lm rock, maybe coming from a narrow structure
CK-14-154	55805	5447226	Son of Captain	N/S structure dips steeply east, narrow. Py and bleached liesegang w/ Lm & Qtz
CK-14-147	556784	5445238	Son of Captain	Liesegang, Mn, Ser w/ Lm along fractures close to fault zone



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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 CANADA

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: August 14, 2014
Report Date: August 30, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14002628.1

CLIENT JOB INFORMATION

Project: KID SOUTH
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include PRP70-250 and AQ202 procedures.

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
CANADA

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: KID SOUTH
Report Date: August 30, 2014

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14002628.1

Method	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
CK14-147	Rock	0.54	0.4	21.5	4.2	21	<0.1	12.1	11.2	483	1.60	7.2	<0.5	8.7	3	0.2	0.2	<0.1	10	0.02	0.007
CK14-148	Rock	0.42	0.6	19.1	9.2	94	<0.1	20.4	9.2	1373	4.19	12.8	<0.5	13.1	8	0.3	0.5	0.2	33	0.07	0.027
CK14-149	Rock	0.88	0.7	23.2	22.0	106	<0.1	24.7	15.1	1412	4.72	10.3	<0.5	13.1	14	0.3	0.3	0.3	50	0.12	0.037
CK14-153	Rock	0.36	0.8	35.4	3.3	16	<0.1	13.7	15.3	381	4.89	2.5	<0.5	9.7	3	<0.1	<0.1	0.2	6	0.02	0.034
CK14-154	Rock	0.43	0.7	86.2	6.7	3	0.1	1.6	0.8	23	0.87	50.9	2.9	12.9	5	<0.1	0.1	0.6	3	0.02	0.044



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Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN14002628.1

Method	Analyte	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
CK14-147	Rock	26	6	0.05	50	0.003	<1	0.46	0.024	0.18	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2
CK14-148	Rock	37	16	0.13	107	0.030	<1	0.95	0.019	0.33	<0.1	<0.01	3.5	0.2	<0.05	3	<0.5	<0.2
CK14-149	Rock	38	20	0.33	101	0.053	1	1.34	0.032	0.42	<0.1	0.01	6.5	0.5	<0.05	5	<0.5	<0.2
CK14-153	Rock	8	7	0.02	21	0.002	<1	0.48	0.040	0.06	<0.1	<0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
CK14-154	Rock	379	4	0.03	37	0.001	<1	0.41	0.005	0.28	<0.1	<0.01	3.1	<0.1	<0.05	<1	<0.5	<0.2

QUALITY CONTROL REPORT

VAN14002628.1

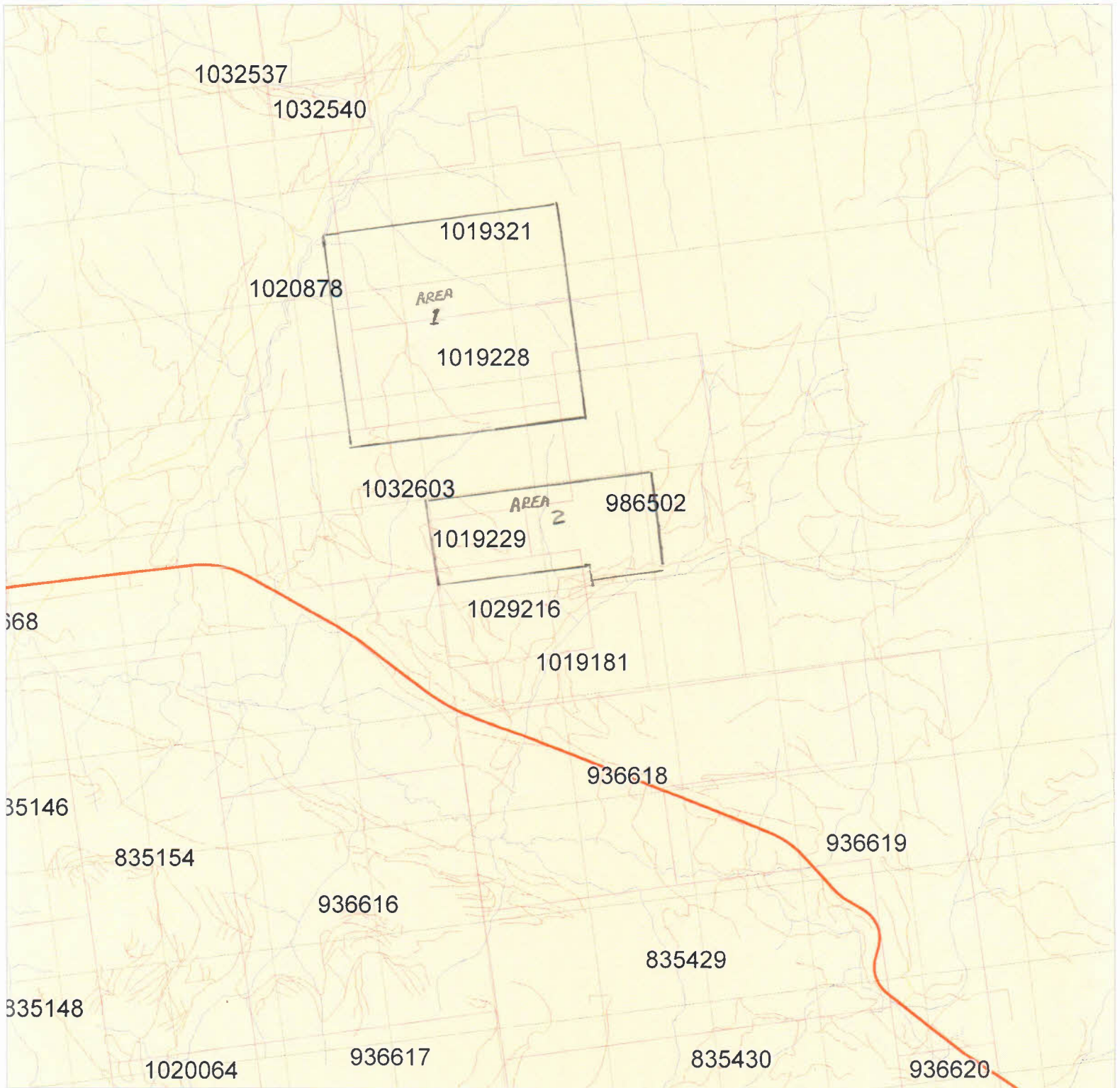
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Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																				
REP G1	QC	0.1	3.1	3.2	46	<0.1	2.4	3.9	556	1.86	<0.5	<0.5	5.7	62	<0.1	<0.1	<0.1	36	0.53	0.070
Reference Materials																				
STD DS10	Standard	14.5	158.3	150.3	376	1.9	77.3	13.0	888	2.85	45.8	72.9	7.3	67	2.6	9.0	11.6	47	1.09	0.082
STD OXC109	Standard	1.5	33.8	10.1	40	<0.1	70.7	19.5	396	2.84	<0.5	164.2	1.2	131	<0.1	<0.1	<0.1	49	0.70	0.096
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected										201										
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																				
G1	Prep Blank																			
G1	Prep Blank	<0.1	3.3	3.5	47	<0.1	2.5	3.8	547	1.85	<0.5	<0.5	6.0	65	<0.1	<0.1	0.1	36	0.53	0.072

QUALITY CONTROL REPORT

VAN14002628.1

Method	Analyte	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
REP G1	QC	14	4	0.50	160	0.132	<1	1.00	0.111	0.50	<0.1	<0.01	2.9	0.3	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	56	0.81	362	0.087	5	1.13	0.073	0.35	3.0	0.30	3.1	4.8	0.29	5	1.7	4.9
STD OXC109	Standard	12	56	1.46	55	0.356	<1	1.54	0.689	0.41	<0.1	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	0.2	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank																	
G1	Prep Blank	14	4	0.50	168	0.130	<1	0.99	0.109	0.49	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2

Prospecting Traverse /Rock Geochem Location Map



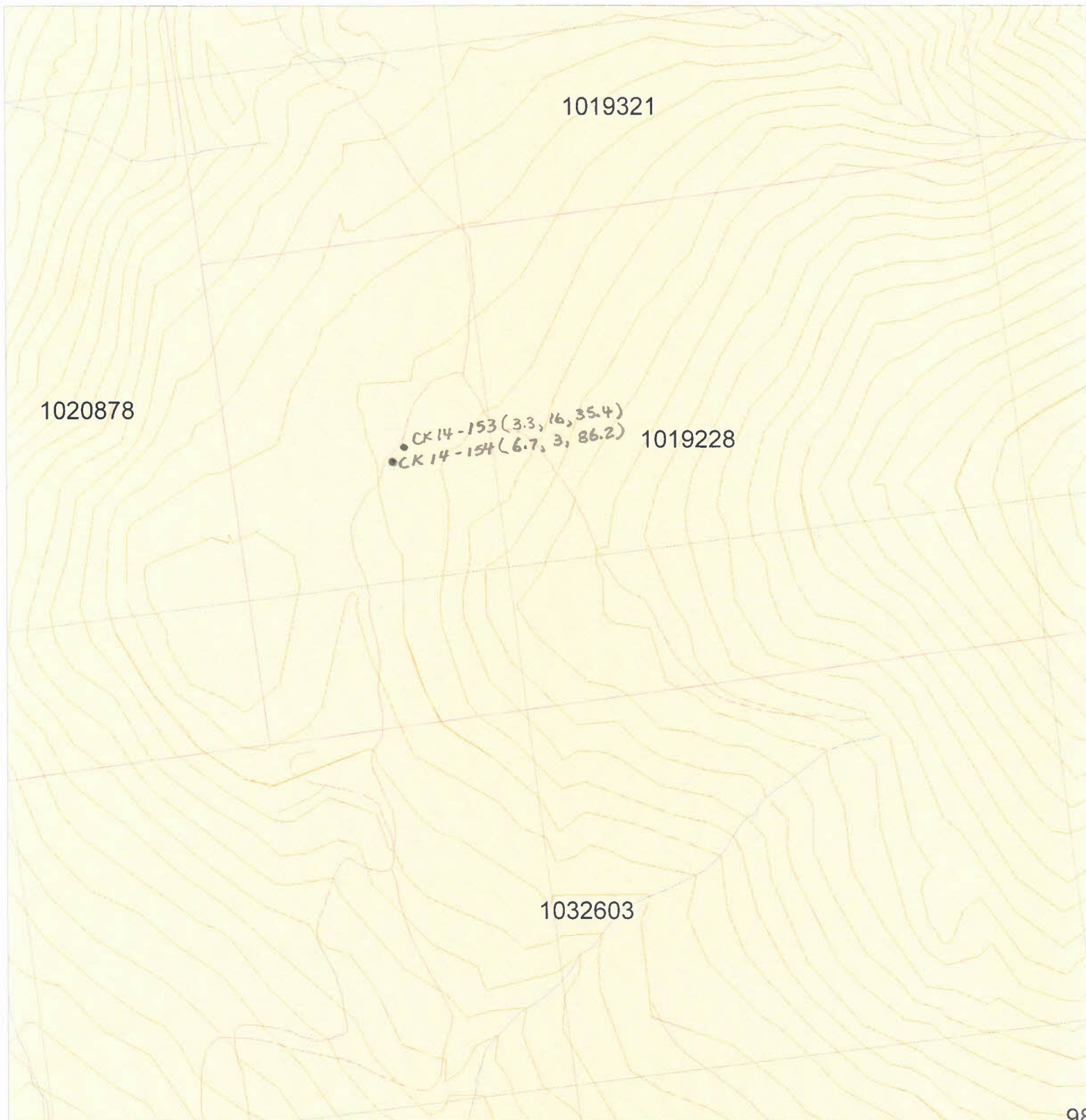
SCALE 1 : 50,000



N



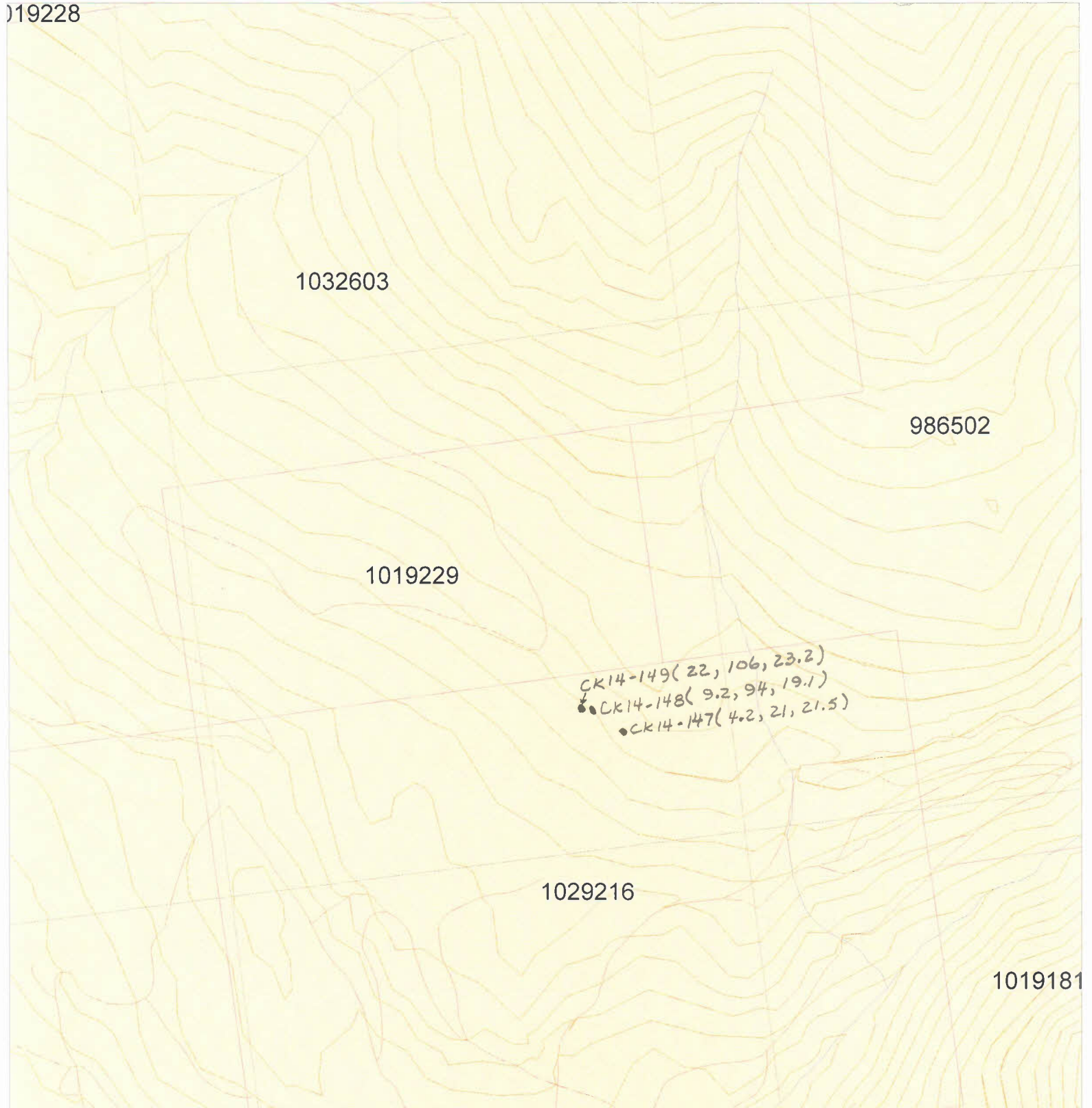
Rock Geochemistry Site and values Pb/Zn/Cu



AREA 1



Rock Geochemistry Site and values Pb/Zn/Cu



SCALE 1 : 10,000

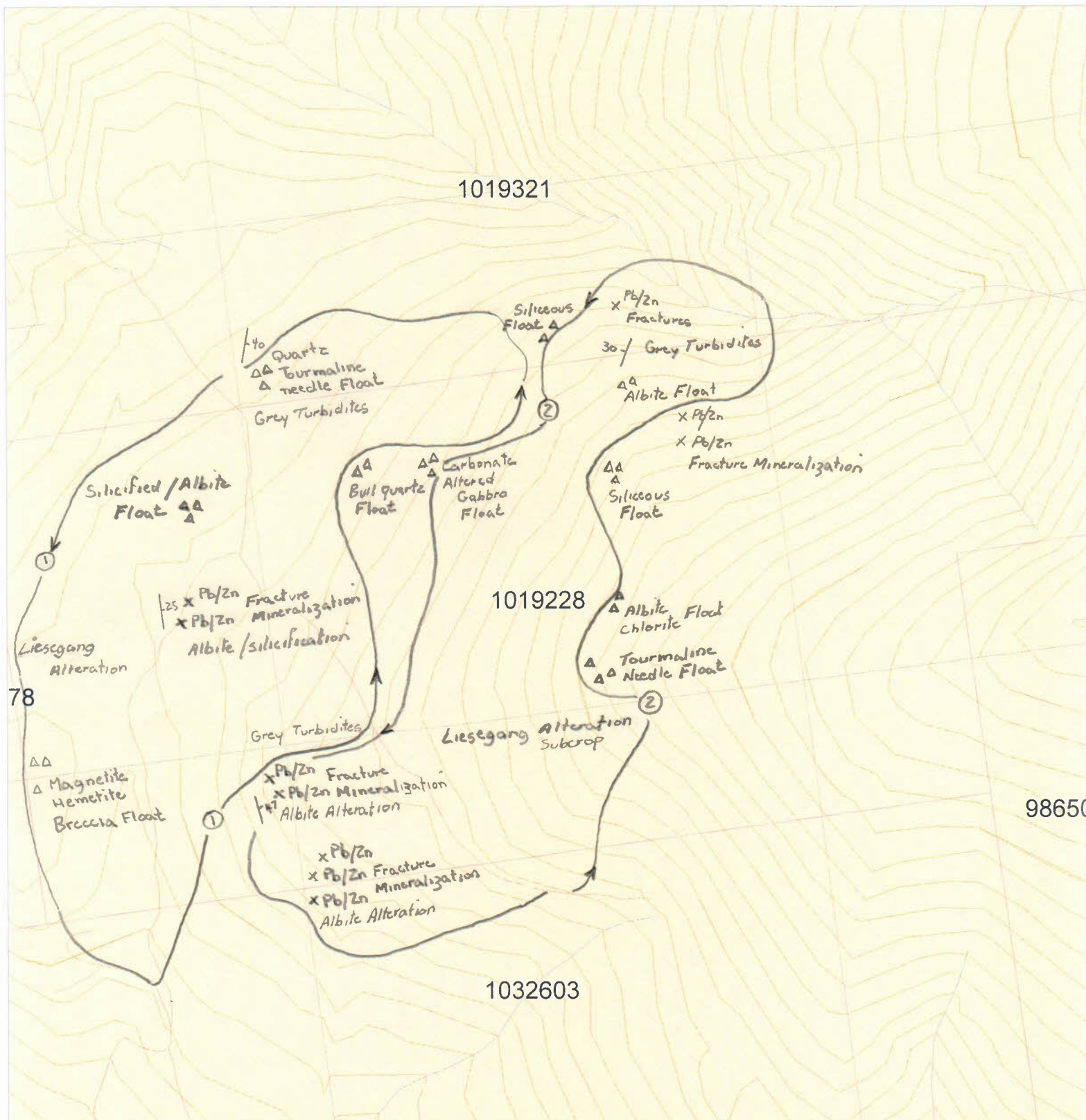


AREA 2

N



Prospecting Traverse Map



SCALE 1 : 10,000

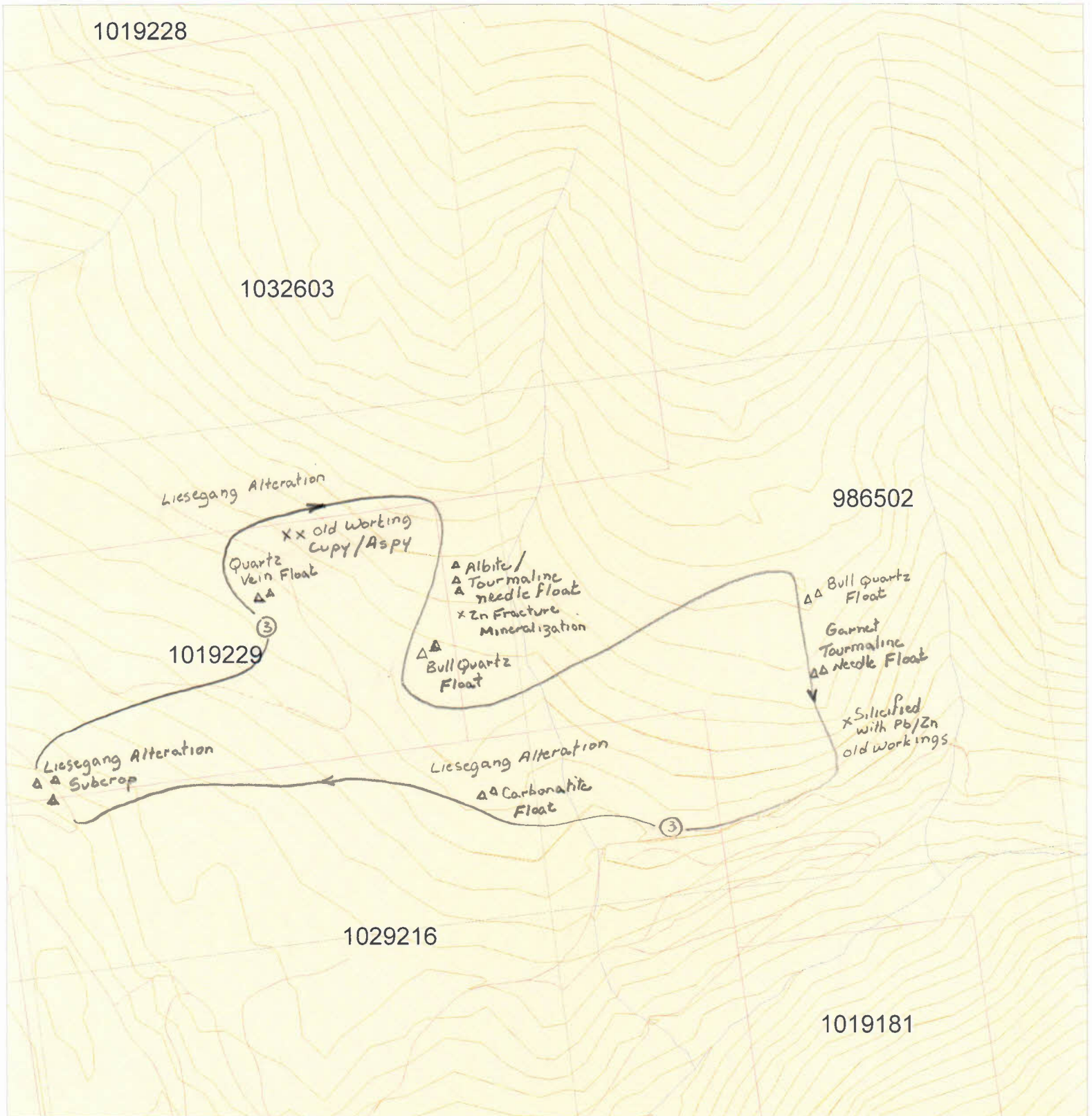


LEGEND AREA 1

- ①—① PROSPECTING TRAVERSE ROUTE
- xx Bedrock Mineral sites
- △△ FLOAT



Prospecting Traverse Map



SCALE 1 : 10,000



LEGEND AREA 2

- PROSPECTING TRAVERSE ROUTE
- xx Bedrock Mineral SITES
- △△ FLOAT

