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Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Prospecting

TOTAL COST: 9973.83

AUTHOR(S): Lloyd Addie **SIGNATURE(S):** Lloyd Addie

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5466011

PROPERTY NAME: Boulder

CLAIM NAME(S) (on which the work was done): 1012604, 101295,1013722,1013482,1013725,1012956, 1017212,1017211, 1016884

COMMODITIES SOUGHT: Gems, Rare Earths

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082M024

MINING DIVISION: Revelstoke **NTS/BCGS:** 082M/01 082M009

LATITUDE: 51 ° 00 ' 38 " **LONGITUDE:** 118 ° 21 ' 12 " **(at centre of work)**

OWNER(S):
1) Lloyd Addie 2)

MAILING ADDRESS:
1102 Gordon Road A-801
Nelson, B.C. V1L 3M4

OPERATOR(S) [who paid for the work]:
1) Lloyd Addie 2)

MAILING ADDRESS:
1102 Gordon Road A-801
Nelson, B.C. V1L 3M4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Lepidolite bearing Pegmatites hosted by Proterozoic to Lower Paleozoic Monashee Complex calcsilicate metamorphic rocks
coloured tourmaline and beryl are found in patches associated with Lepidolite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 1794

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	25	1012604, 101295,1013722,1013482	9973.83
Other		1013725,1012956, 1017212,1017211	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic	2	1016884,1012604	
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
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:	$9,973.83

PROSPECTING REPORT ON

BOULDER PROPERTY

MINING DIVISION: REVELSTOKE

NTS MAPSHEETS: 082M/01,

LATITUDE: 51° 00′ 38”
LONGITUDE: 118° 21′ 12”

UTM ZONE 11 405145E 5651400N

BCGS MAPSHEETS: 082M009

OWNER/OPERATOR/AUTHOR:
LLOYD ADDIE

NOVEMBER 2013

TABLE OF CONTENTS
BOULDER PROJECT

FIGURES

APPENDICES

Figure 1A

Tenure Number	Type	Claim Name	Good Until	Area (ha)
1012572	Mineral	G	20140904	20.3375
1012573	Mineral	G1	20140904	20.3376
1012574	Mineral	G2	20140904	20.3357
1012576	Mineral	G3	20140904	20.3358
1012603	Mineral	G4	20160905	20.3357
1012604	Mineral	G5	20160905	20.3356
1012605	Mineral	G6	20140905	20.3357
1012954	Mineral	E	20160917	20.3338
1012955	Mineral	F	20140917	20.3336
1012956	Mineral	G	20140917	20.3339
1013482	Mineral	GAP	20161002	20.3338
1016884	Mineral	T	20140214	20.3358
1017211	Mineral	P	20140225	20.3358
1017212	Mineral	P1	20140225	20.3358
1017213	Mineral	P2	20140225	20.3358
1021013	Mineral	WHITE	20140715	20.3377
1021014	Mineral	TC	20140715	20.3376
1022490	Mineral	L	20140921	20.3358

Total Area: 366.043 ha

Map Center: 54.4781N 124.7082W

1.0 INTRODUCTION:

This report has been prepared for the purpose of filing for assessment work credit and fulfilling the requirements of the Mineral Act and Regulations.

Google earth images show many large white lines that look like pegmatites and the assessment report 1794 talks about lepidolite and pegmatites in the area. In 2012 I sent Herb Hyder up for one day of prospecting, he found one pegmatite with green tourmaline and some lepidolite and one pegmatite with an unusual red mineral in vuggs.

In 2013 I made four trips from Nelson to Revelstoke, stayed in a hotel and then flew up to Boulder via helicopter where I camped and prospected, August 27 to August 30 followed by September 9-10th and September 13-15th, finally September 19-20. I sampled 21 pegmatites, 2 quartz veins for gold, and had 2 specimens of the unusual red mineral analysed by x-ray diffraction.

2.0 PROJECT RATIONALE:

I have over 15 years experience prospecting for gems. I have taken courses and attend the Tucson Rock and Gem show to learn about their value. It is only the high value gems that have a chance of competing with Brazil or California. Watermelon or Pink tourmaline can command very high prices for specimens or for cutting stones. I decided to sample every pegmatite for rare earths to see if there was a REE target, and to see if the chemistry gave some sort of vector that could suggest the best place to look for gems.

3.0 LOCATION AND ACCESS:

The Boulder property is located in the Revelstoke Mining Division, about 11 kilometers North West of the City of Revelstoke. Access is via hiking or helicopter.

4.0 GENERAL SETTING:

Elevations range from about 1900 metres near the East side of the property to about 2100 metres on the West side of the cells. The area is generally snow free from mid July late October. In general, the terrain is moderate and easy hiking, not very many trees. Thunder and Lightning storms are scary on this mountain since prospecting is mostly above treeline.

Outcrop is common at the higher elevations. Treeline is about 2000 metres, lower elevations have overburden that conceals the rocks.

Vegetation in the area consists mainly of coniferous forest, the only road in the area goes to a snowmobile lodge located approximately 1 km east of the Boulder cells.

5.0 MINERAL CLAIMS INFORMATION:

The Boulder Property currently consists of 18 contiguous Mineral Cells covering an area of about 365.9 hectares. The following information reflects expiry dates which are subject to the approval of this report:

Tenure Number	Type	Claim Name	Good Until	Area (ha)
1012572	Mineral	G	20140904	20.3375
1012573	Mineral	G1	20140904	20.3376
1012574	Mineral	G2	20140904	20.3357
1012576	Mineral	G3	20140904	20.3358
1012603	Mineral	G4	20160905	20.3357
1012604	Mineral	G5	20160905	20.3356
1012605	Mineral	G6	20140905	20.3357
1012954	Mineral	E	20160917	20.3338
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1017213	Mineral	P2	20140225	20.3358
1021013	Mineral	WHITE	20140715	20.3377
1021014	Mineral	TC	20140715	20.3376
1022490	Mineral	L	20140921	20.3358

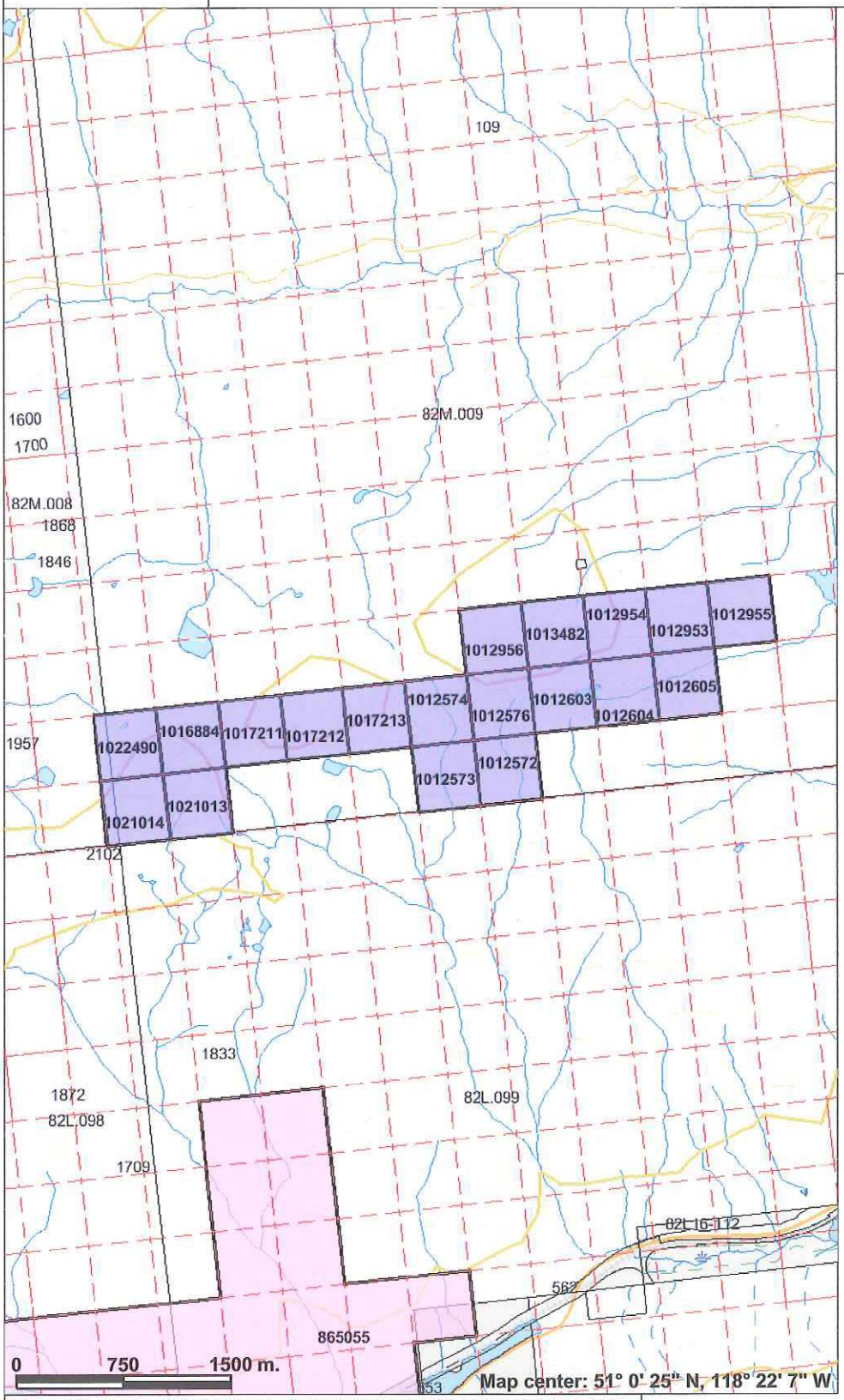
The Figure 2 map contained in this report shows the Mineral Claims comprising the Boulder Property.

6.0 HISTORY AND DEVELOPMENT:

As best as I can determine, there is no record of previous exploration on my Boulder cells other than Minfile 082M 024. Assessment report 1794 has mapping and mentions pegmatites should be prospected for lithium.

Boulder Claim

FIG 1B



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)

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

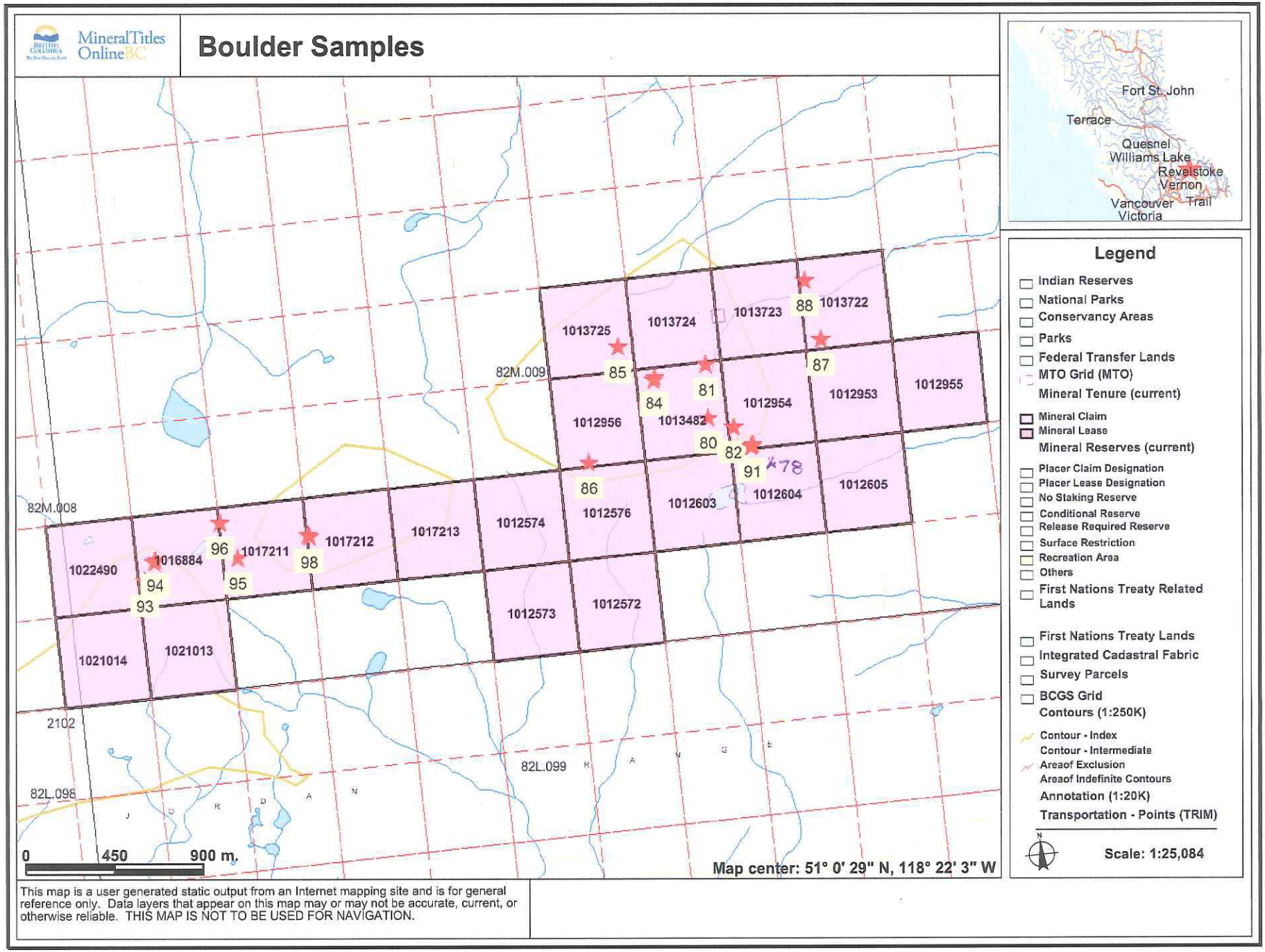
Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) Not Elevated - 3 Lanes
- Road (Paved Undivided) - Not Elevated - 4 Lanes

Scale: 1:42,953



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.

Fig 1C

Boulder Property underlain by PrPzMmc Proterozoic to Lower Paleozoic Monashee Complex calcsilicate metamorphic rocks

FIG 10

MTO Mineral Titles Layers

MTO Mineral Claim Outlines
Mineral

Topographic Layers

Lakes 1:50K (<300K)

Large Rivers 1:50K (<300K)

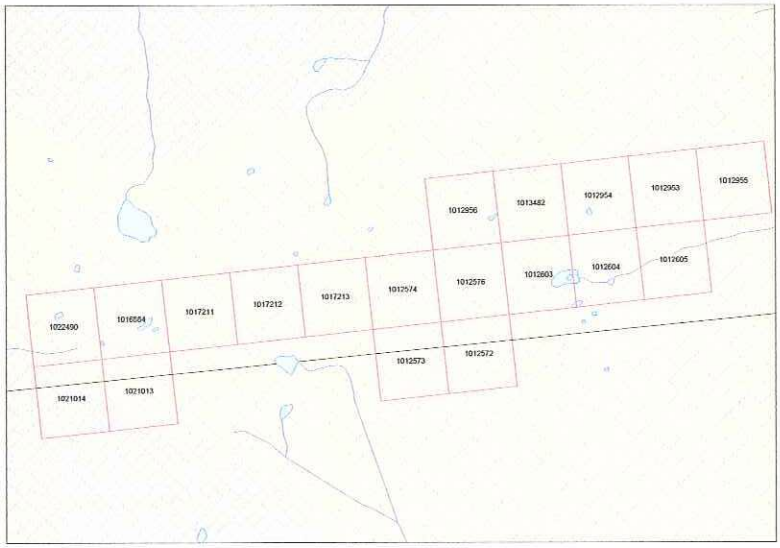
Rivers 1:50K (<300K)

Sea

Grid Layers

Grid 1:250K maps - outline

BCGS Geology Layers 2005



SCALE 1 : 48,579

2,000 0 2,000 4,000 6,000

FEET

N

7.0 GEOLOGY AND MINERALIZATION:

Mapplace shows the Boulder property to be underlain by PrPzMmc Proterozoic to Lower Paleozoic Monashee Complex calcsilicate metamorphic rock. The pegmatites look similar to the pegmatites on Mt Begbie and have similar suites of minerals. Most of the pegmatites with lepidolite cut across the geology but two of them are folded. Rose quartz was seen in some of the zoned pegmatites but so far no coloured tourmaline in the Rose quartz pegs. Beryl was occasionally seen as well but the quantity and quality is low.

There are 5 pegmatites on the East side of the property that have small concentrations of lepidolite on cells 1012604, 1012954 and 1013482. The southern 3 trend North East with a steep dip and are parallel to each other. The northern two follow geology and wonder all over the place. One pegmatite "Grail" sample number 82 is a N.E. steeply dipping 2M wide peg that sticks up 1M out of the ground and is exposed for 75M. Near the West end of the peg there is a lepidolite pocket with green and pink tourmaline exposed in outcrop. Tiny pink tourmalines have gem quality sections but they are 2mm by 2mm wide and to cut a stone you have to have a minimum of 4mm x 4mm. I broke rock for many hours to get one pink tourmaline that is 7cm long and 3cm wide with the skinny end being dark green and the terminated end being pink. The crystal is opaque, not gem quality.

The west end of the property has two pegmatites with lepidolite, sample 98 had just a tiny amount of lepidolite and sample 93 has quite a bit of lepidolite in a pocket with some non gem pink tourmaline. This pegmatite strikes 90 degrees with a dip of 70 degrees South, it is 1M wide.

There is Rose quartz in a zoned pegmatite on the east shore of the lake on cell 1012604. It is pretty but does not have much value.

8.0 SAMPLING PROCEDURE:

In 2013, 21 pegmatites were sampled, bagged, flagged and notes taken. 2 hand samples were taken of a red mineral and sent for XRD analysis, the hand samples had the other half assayed. 2 quartz veins were sampled by ICP for gold. All samples were shipped by Greyhound to Acme Analytical Labs in Vancouver for geochemical analyses.

9.0 SAMPLE PREPARATION AND ANALYSIS:

21 Rock samples were crushed and pulverized by Acme Labs to a 250 g sample, then a split of 0.25g is analysed by 4 Acid Digestion Ultratrace ICP-MS 2 rocks were crushed and analyzed via ICP for gold. 2 samples were analysed via XRD.

10.0 DATA PRESENTATION:

The rock sample locations are plotted on maps, pegmatites with anything of interst are shown as 82 and 93. All other sample locations are plotted with the same last number as the assay sheet. I showed my assay sheets to an expert on Rare Earth Elements and he told me the numbers are way too low to be a rare earth target. The only numbers that were high were Lithium but the lithium occurs as lepidolite pockets that occur rarely along an otherwise barren pegmatite.

11.0 OBSERVATIONS:

There are several pegmatites with small amounts of lepidolite but very few with coloured tourmaline and only one with gem quality sections. The unusual red mineral that I had XRD was a disappointment as it turned out to be Montmorillonite.

12.0 COMMENTS & RECOMMENDATIONS:

1. Rare Earth analysis of the 21 pegmatites has shown anomalous concentrations but not in economic amounts.

2. The chemistry did not produce any vector. There are lepidolite showings at both ends of the property. The distance between the two areas is 3km.

3. Prospecting of other pegmatites should continue since there are likely others i missed.

4. The pegmatites with coloured tourmalines should be stripped of overburden and blasted to expose fresh outcrop where lepidolite pockets occur.

Lloyd Addie

LLOYD ADDIE

November 2013

BIBLIOGRAPHY

MINFILE No 082M 024

SUMMARY

		NMI	
Name	GC, AMA	Mining Division	Revelstoke
		BCGS Map	082M009
Status	Showing	NTS Map	082M01W
Latitude	51° 00' 25" N	UTM	11 (NAD 83)
Longitude	118° 23' 34" W	Northing	5651520
		Easting	402286
Commodities	Gemstones, Lithium	Deposit Types	O01 : Rare element pegmatite - LCT family
Tectonic Belt	Omineca	Terrane	Monashee

Capsule Geology: The occurrence lies within cover rocks south of the Frenchman Cap Dome on Tonkawatla Ridge.

A pegmatite of coarse-grained quartz, feldspar and black tour- maline is hosted by a mica (lepidolite) schist.

Bibliography

MPR ASS RPT *1794
MPR BULL 57, pp. 37,58
MPR MAP 43
MPR PF (Wilson, George A. (1968): Geological Reconnaissance, Stampede Oils Ltd., Revelstoke Area)
SC MAP 12-1964; 4404G
SC P 64-32

APPENDIX II

GEOCHEMICAL ANALYSIS + XRD

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Submitted By:	Lloyd Addie
Receiving Lab:	Canada-Vancouver
Received:	September 27, 2013
Report Date:	October 11, 2013
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN13003914.1

CLIENT JOB INFORMATION

Project:	None Given
Shipment ID:	
P.O. Number	
Number of Samples:	21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			VAN
Group 1T	21	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

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

ADDITIONAL COMMENTS

Invoice To: Addie, Lloyd
1102 Gordon Road A-801
Nelson BC V1L 3M4
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 11, 2013

CERTIFICATE OF ANALYSIS VAN13003914.1

	Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
48176	Rock	1.06	0.08	2.71	2.42	24.2	<20	0.6	<0.2	432	0.40	26.0	13.7	<0.1	0.4	<1	0.44	9.29	102.8	<1	0.13
48177	Rock	0.40	0.18	0.74	13.65	1.2	32	1.2	<0.2	208	0.25	6.3	1.7	<0.1	0.3	4	0.12	7.54	0.90	<1	0.17
48178	Rock	0.68	0.08	0.42	11.55	31.2	47	0.8	<0.2	1069	0.80	3.8	26.5	<0.1	1.6	2	0.09	3.73	14.03	<1	0.14
48179	Rock	0.29	0.08	0.93	5.73	16.3	<20	4.8	2.2	166	1.13	1.0	0.7	<0.1	2.8	25	0.03	0.39	0.08	12	0.53
48181	Rock	0.53	<0.05	1.08	64.33	5.0	<20	1.5	0.7	72	0.46	1.7	1.3	<0.1	1.2	28	<0.02	0.12	0.11	<1	0.14
48182	Rock	0.78	0.60	2.15	31.38	4.0	65	1.2	0.3	100	0.51	2.6	5.3	<0.1	0.3	18	0.06	0.30	1.11	<1	0.37
48183	Rock	0.61	0.36	7.12	91.69	4.7	45	1.6	0.9	84	0.58	1.6	25.7	<0.1	12.2	61	0.06	0.06	0.13	<1	0.50
48185	Rock	0.50	0.12	5.61	53.54	9.8	<20	1.5	1.7	139	0.84	1.7	3.0	<0.1	2.5	76	0.05	0.05	0.10	6	0.24
48186	Rock	0.57	0.15	4.91	80.13	17.4	<20	2.4	2.7	97	0.72	2.0	2.6	<0.1	2.3	97	0.04	0.04	0.05	8	0.46
48187	Rock	0.33	0.12	1.03	76.46	7.2	<20	0.6	0.6	77	0.53	1.4	0.4	<0.1	0.6	108	<0.02	0.03	0.09	3	0.56
48188	Rock	0.56	0.08	0.64	45.75	0.9	<20	0.9	<0.2	35	0.30	2.0	1.0	<0.1	4.2	17	<0.02	0.05	<0.04	<1	0.44
48189	Rock	0.62	0.08	0.71	11.14	10.6	89	0.5	0.6	89	0.71	0.6	4.7	<0.1	5.3	16	0.03	0.16	0.25	1	0.87
48190	Rock	0.69	0.10	0.81	2.27	52.3	<20	0.5	<0.2	1217	1.17	2.7	5.3	<0.1	1.7	<1	0.48	1.65	1.29	<1	0.34
48191	Rock	0.87	<0.05	0.70	3.89	30.2	<20	0.9	<0.2	1082	0.40	4.5	7.7	<0.1	0.7	<1	0.22	2.03	4.87	<1	0.06
48192	Rock	0.52	0.28	1.58	12.71	33.3	<20	0.8	0.3	149	0.90	2.8	2.3	<0.1	<0.1	2	<0.02	0.06	0.29	<1	0.04
48193	Rock	0.65	0.08	0.67	2.12	155.0	<20	0.7	<0.2	2838	0.85	4.1	4.3	<0.1	0.2	24	0.26	0.74	2.51	<1	0.17
48194	Rock	0.56	<0.05	0.68	7.23	1.9	<20	0.3	<0.2	402	0.16	19.4	0.2	<0.1	<0.1	<1	0.48	4.58	0.40	<1	0.02
48195	Rock	0.54	0.08	7.68	69.02	15.4	<20	0.7	1.3	211	1.02	1.5	5.5	<0.1	18.3	64	0.06	0.05	0.40	4	0.49
48196	Rock	0.57	0.07	2.54	78.92	9.5	69	1.0	1.0	73	0.60	1.4	0.8	<0.1	0.4	417	0.12	0.05	0.13	2	2.01
48197	Rock	1.12	0.08	1.27	61.05	5.5	<20	0.5	0.2	59	0.39	4.4	4.3	<0.1	0.8	30	0.05	0.05	0.16	<1	0.40
48198	Rock	0.67	<0.05	0.77	74.51	24.1	<20	0.6	<0.2	1280	0.37	4.0	11.7	<0.1	0.9	14	0.03	0.18	13.99	<1	0.33

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 11, 2013

CERTIFICATE OF ANALYSIS VAN13003914.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
48176	Rock	0.094	0.2	4	<0.02	8	0.019	4.81	4.039	0.82	16.2	13.7	0.4	7	0.2	<0.04	1.1	0.68	<0.1	0.3	<0.1
48177	Rock	0.115	0.3	4	0.02	23	0.007	6.98	1.649	6.62	8.4	0.8	5.3	9	0.4	<0.04	0.3	0.92	<0.1	0.3	<0.1
48178	Rock	0.077	1.1	5	<0.02	7	0.017	4.80	2.142	2.15	23.7	25.1	14.2	15	2.2	<0.04	2.6	3.13	0.4	1.3	0.8
48179	Rock	0.055	9.1	11	0.46	154	0.101	2.97	0.910	1.29	1.7	0.3	0.6	5	2.8	<0.04	5.1	19.67	2.4	8.6	1.8
48181	Rock	0.074	3.3	4	0.11	424	0.009	6.67	1.676	4.38	0.6	2.5	0.5	13	0.7	<0.04	1.9	7.58	0.9	3.0	0.7
48182	Rock	0.061	2.0	4	0.06	149	0.006	6.86	1.876	4.42	1.0	3.2	0.1	5	0.4	<0.04	1.3	4.28	0.3	1.4	0.3
48183	Rock	0.018	15.1	4	0.05	212	0.013	6.45	2.303	3.73	1.2	6.9	2.3	6	1.4	<0.04	9.6	34.38	4.0	15.4	3.6
48185	Rock	0.105	5.2	5	0.32	1053	0.064	7.44	1.648	3.91	1.0	3.2	1.7	4	2.9	<0.04	8.5	12.94	1.6	6.0	1.6
48186	Rock	0.031	6.9	6	0.34	1710	0.074	6.80	1.569	3.68	0.4	3.2	1.2	5	2.4	<0.04	5.1	15.03	1.6	6.0	1.3
48187	Rock	0.021	2.2	5	0.13	881	0.038	6.59	2.529	3.83	0.4	6.1	1.6	4	1.1	<0.04	0.8	4.45	0.5	2.1	0.4
48188	Rock	0.027	10.5	4	0.02	39	0.006	3.89	2.203	1.52	0.2	1.9	0.3	65	0.8	<0.04	4.4	23.79	2.9	9.4	2.4
48189	Rock	0.035	13.3	5	0.23	15	0.046	5.42	2.662	0.63	1.3	24.5	0.8	5	3.5	<0.04	6.8	32.72	4.0	13.4	3.4
48190	Rock	0.222	2.8	5	<0.02	4	0.029	5.67	2.769	1.47	27.8	15.7	25.2	125	4.8	<0.04	6.2	7.76	1.0	2.9	2.0
48191	Rock	0.181	0.1	5	<0.02	5	0.007	6.03	3.963	2.71	21.7	25.9	15.5	135	1.0	<0.04	0.7	0.39	<0.1	0.1	<0.1
48192	Rock	0.098	<0.1	6	0.08	30	0.027	4.17	1.002	3.09	0.3	6.7	8.8	<1	6.9	<0.04	0.4	0.42	<0.1	<0.1	<0.1
48193	Rock	0.106	<0.1	4	<0.02	5	0.023	7.28	2.883	3.10	80.0	2.9	96.3	72	0.8	<0.04	0.2	0.51	<0.1	0.3	0.6
48194	Rock	0.106	<0.1	3	<0.02	2	0.001	6.61	3.021	4.23	53.6	0.8	81.8	16	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
48195	Rock	0.050	32.0	6	0.25	517	0.091	6.58	1.906	3.57	9.2	4.6	12.3	7	6.6	<0.04	17.3	70.45	8.8	28.5	6.7
48196	Rock	0.013	3.1	7	0.14	1541	0.043	10.41	4.558	3.63	2.5	6.2	3.0	7	1.3	<0.04	1.0	5.33	0.6	1.5	0.3
48197	Rock	0.049	2.1	4	0.06	98	0.010	6.01	2.682	3.54	0.4	9.0	1.0	6	1.4	<0.04	4.0	4.82	0.6	1.7	0.4
48198	Rock	0.209	0.6	4	<0.02	31	0.014	5.90	2.982	2.94	52.1	22.9	27.6	83	1.5	<0.04	3.7	2.09	0.3	1.5	0.9

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Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 11, 2013

CERTIFICATE OF ANALYSIS VAN13003914.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
48176	Rock	<0.1	0.1	<0.1	0.4	<0.1	0.1	<0.1	0.3	<0.1	0.91	241.7	180.1	55.6	75.20	59.1	25.71	<0.01	<0.002	<0.3	<0.05
48177	Rock	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.04	1175	1126	27.8	12.31	381.5	20.83	<0.01	<0.002	<0.3	<0.05
48178	Rock	<0.1	0.3	<0.1	0.8	<0.1	0.3	<0.1	0.6	0.1	1.95	1326	523.3	26.4	59.87	191.4	20.00	<0.01	<0.002	<0.3	<0.05
48179	Rock	0.4	1.3	0.2	1.3	0.2	0.5	<0.1	0.6	<0.1	0.03	37.6	48.4	1.1	4.76	3.9	7.30	0.02	<0.002	0.3	0.23
48181	Rock	0.5	0.8	<0.1	0.6	<0.1	0.2	<0.1	0.2	<0.1	0.06	9.3	165.8	0.4	1.46	3.2	11.81	<0.01	<0.002	<0.3	<0.05
48182	Rock	0.3	0.1	<0.1	0.3	<0.1	0.1	<0.1	0.2	<0.1	0.18	7.7	204.9	1.0	3.90	37.9	12.33	<0.01	<0.002	<0.3	<0.05
48183	Rock	0.4	3.3	0.6	2.9	0.4	0.9	0.1	0.7	<0.1	0.42	6.1	148.4	1.2	7.89	2.2	24.70	<0.01	<0.002	<0.3	0.09
48185	Rock	0.9	1.9	0.3	1.8	0.4	1.1	0.2	1.3	0.2	0.17	6.9	144.9	1.1	8.68	4.9	14.41	0.01	<0.002	<0.3	0.05
48186	Rock	0.8	1.0	0.2	1.4	0.3	0.8	<0.1	0.7	<0.1	0.13	14.1	118.7	0.5	4.27	3.6	13.28	<0.01	<0.002	<0.3	<0.05
48187	Rock	0.3	0.3	<0.1	0.3	<0.1	0.1	<0.1	0.2	<0.1	0.33	22.4	139.6	0.4	3.71	2.3	14.84	<0.01	<0.002	<0.3	0.10
48188	Rock	0.3	1.3	0.3	1.1	0.2	0.5	0.1	0.8	0.1	0.07	33.8	74.4	0.1	0.39	1.4	7.80	<0.01	<0.002	0.4	<0.05
48189	Rock	0.2	1.9	0.5	1.5	0.3	0.7	0.1	0.9	0.1	1.07	71.2	25.7	0.4	1.65	1.6	14.46	0.02	<0.002	<0.3	0.14
48190	Rock	<0.1	1.3	0.4	1.6	0.2	0.3	0.1	0.7	<0.1	1.52	1327	377.8	24.6	133.1	164.3	31.72	0.06	<0.002	<0.3	<0.05
48191	Rock	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	0.2	<0.1	4.06	1934	773.5	80.0	98.88	308.2	27.68	<0.01	<0.002	<0.3	0.06
48192	Rock	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.54	45.3	151.5	0.3	0.59	6.1	14.47	0.02	<0.002	<0.3	0.11
48193	Rock	<0.1	0.4	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.42	>2000	1892	35.5	91.43	242.9	72.21	<0.01	<0.002	<0.3	<0.05
48194	Rock	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.17	>2000	>2000	45.3	48.92	1105	59.97	<0.01	<0.002	<0.3	<0.05
48195	Rock	0.7	5.6	0.8	4.6	0.6	1.8	0.2	1.5	0.2	0.18	54.1	201.4	2.6	18.05	11.9	18.12	<0.01	<0.002	1.0	0.17
48196	Rock	1.2	0.2	<0.1	0.2	<0.1	0.1	<0.1	0.1	<0.1	0.30	27.7	107.1	0.7	4.82	4.5	19.46	<0.01	<0.002	<0.3	0.15
48197	Rock	0.1	0.5	<0.1	0.7	0.1	0.4	<0.1	0.7	0.1	0.35	8.7	171.2	2.7	4.10	4.3	14.24	<0.01	<0.002	<0.3	<0.05
48198	Rock	<0.1	0.8	0.2	1.3	<0.1	0.3	<0.1	0.2	<0.1	3.55	1778	1023	55.1	71.52	380.8	40.23	<0.01	<0.002	<0.3	0.13

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Project: None Given
Report Date: October 11, 2013

CERTIFICATE OF ANALYSIS VAN13003914.1

	Method	1T
	Analyte	Tl
	Unit	ppm
	MDL	0.05
48176	Rock	0.71
48177	Rock	6.97
48178	Rock	2.35
48179	Rock	0.21
48181	Rock	0.97
48182	Rock	0.99
48183	Rock	0.89
48185	Rock	1.20
48186	Rock	0.85
48187	Rock	0.90
48188	Rock	0.24
48189	Rock	0.11
48190	Rock	1.77
48191	Rock	4.23
48192	Rock	0.74
48193	Rock	6.54
48194	Rock	17.41
48195	Rock	1.11
48196	Rock	0.63
48197	Rock	0.98
48198	Rock	3.55

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Project: None Given
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QUALITY CONTROL REPORT VAN13003914.1

	Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
Pulp Duplicates																					
REP G1	QC		0.18	2.52	20.94	52.0	<20	4.7	4.9	766	2.59	1.4	2.8	<0.1	7.3	661	0.04	0.27	0.16	50	2.41
Core Reject Duplicates																					
48181	Rock	0.53	<0.05	1.08	64.33	5.0	<20	1.5	0.7	72	0.46	1.7	1.3	<0.1	1.2	28	<0.02	0.12	0.11	<1	0.14
DUP 48181	QC		0.10	1.24	63.78	5.5	45	0.8	0.7	84	0.58	2.7	1.2	<0.1	0.9	26	0.04	0.12	0.15	<1	0.14
Reference Materials																					
STD OREAS24P	Standard		1.42	48.46	2.77	107.0	27	140.6	46.0	1096	7.46	3.0	0.6	<0.1	2.7	352	0.13	0.09	<0.04	168	5.86
STD OREAS45E	Standard		2.22	765.7	17.91	42.7	277	469.9	59.0	572	24.85	17.8	2.3	<0.1	12.7	11	0.11	0.97	0.29	342	<0.02
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45E Expected			2.4	780	18.2	46.7	311	454	57	570	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	0.28	322	0.065
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	0.4	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
Prep Wash																					
G1	Prep Blank		0.23	2.27	20.47	54.8	<20	5.0	4.7	772	2.46	0.5	2.4	<0.1	7.9	693	0.22	2.98	0.23	49	2.28
G1	Prep Blank																				
G1	Prep Blank		0.17	2.34	23.84	52.7	<20	5.2	5.1	777	2.65	0.5	2.5	<0.1	7.3	653	0.06	0.52	0.15	50	2.40

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Project: None Given
Report Date: October 11, 2013

QUALITY CONTROL REPORT VAN13003914.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
REP G1	QC	0.079	21.1	11	0.71	1031	0.260	7.31	2.628	3.11	<0.1	14.6	1.3	2	5.2	<0.04	15.1	47.31	5.1	19.7	3.8
Core Reject Duplicates																					
48181	Rock	0.074	3.3	4	0.11	424	0.009	6.67	1.676	4.38	0.6	2.5	0.5	13	0.7	<0.04	1.9	7.58	0.9	3.0	0.7
DUP 48181	QC	0.073	2.6	4	0.11	423	0.009	6.65	1.673	4.22	0.4	1.9	0.5	14	0.7	<0.04	1.9	5.63	0.6	2.3	0.5
Reference Materials																					
STD OREAS24P	Standard	0.132	17.4	203	3.95	273	1.038	7.55	2.378	0.64	0.5	134.7	1.6	1	18.1	<0.04	21.2	36.44	4.8	19.8	4.0
STD OREAS45E	Standard	0.034	10.6	1055	0.15	236	0.545	7.09	0.058	0.32	1.0	99.0	1.3	<1	89.1	<0.04	7.9	24.24	2.3	9.3	2.1
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32		93	0.046	8.28	23.5	2.47	9.05	2.28
BLK	Blank	<0.001	<0.1	1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	0.077	27.1	9	0.62	998	0.258	7.53	2.723	3.11	<0.1	15.6	1.6	3	5.4	<0.04	15.4	55.31	6.6	23.4	3.8
G1	Prep Blank																				
G1	Prep Blank	0.078	21.0	10	0.72	990	0.261	7.19	2.632	2.99	<0.1	15.5	1.8	2	5.0	<0.04	14.9	47.21	5.7	21.2	3.7

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Project: None Given
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QUALITY CONTROL REPORT VAN13003914.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
Pulp Duplicates																					
REP G1	QC	1.2	3.3	0.5	2.8	0.5	1.5	0.2	2.1	0.3	0.77	33.0	107.3	1.7	24.42	3.9	19.51	0.03	<0.002	<0.3	0.19
Core Reject Duplicates																					
48181	Rock	0.5	0.8	<0.1	0.6	<0.1	0.2	<0.1	0.2	<0.1	0.06	9.3	165.8	0.4	1.46	3.2	11.81	<0.01	<0.002	<0.3	<0.05
DUP 48181	QC	0.4	0.6	<0.1	0.4	<0.1	0.3	<0.1	0.3	<0.1	0.07	8.3	156.6	0.5	1.38	3.1	10.58	0.02	<0.002	<0.3	0.05
Reference Materials																					
STD OREAS24P	Standard	1.7	5.2	0.8	4.3	0.8	1.9	0.3	1.8	0.2	3.67	8.3	20.4	1.1	18.31	0.9	20.07	0.04	<0.002	0.6	0.57
STD OREAS45E	Standard	0.6	2.1	0.3	2.1	0.4	1.1	0.2	1.4	0.2	2.84	7.3	22.2	0.5	6.20	1.2	16.89	0.08	<0.002	3.3	0.28
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45E Expected		0.52	1.82	0.33	2.05	0.38	1.2	0.17	1.21	0.175	3.11	6.58	21.2	0.54	6.8	1.26	16.5	0.099		2.97	0.1
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.3	<0.1	<0.04	<0.1	0.37	<0.01	<0.002	<0.3	0.08
Prep Wash																					
G1	Prep Blank	1.1	3.0	0.4	3.0	0.6	2.0	0.3	2.0	0.3	0.90	35.1	111.3	1.7	24.61	3.9	19.03	0.15	<0.002	<0.3	0.42
G1	Prep Blank																				
G1	Prep Blank	0.8	3.2	0.4	3.0	0.6	2.0	0.3	1.9	0.2	0.86	35.2	104.9	1.6	24.42	3.7	19.46	0.04	<0.002	<0.3	0.59

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Project: None Given
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QUALITY CONTROL REPORT VAN13003914.1

		Method	1T
		Analyte	Tl
		Unit	ppm
		MDL	0.05
Pulp Duplicates			
REP G1	QC		0.85
Core Reject Duplicates			
48181	Rock		0.97
DUP 48181	QC		1.01
Reference Materials			
STD OREAS24P	Standard		<0.05
STD OREAS45E	Standard		0.06
STD OREAS24P Expected			
STD OREAS45E Expected			0.09
BLK	Blank		<0.05
Prep Wash			
G1	Prep Blank		0.86
G1	Prep Blank		
G1	Prep Blank		0.86

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Submitted By: Lloyd Addie
Receiving Lab: Canada-Vancouver
Received: September 27, 2013
Report Date: October 10, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13003915.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	2	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

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

ADDITIONAL COMMENTS

Invoice To: Addie, Lloyd
1102 Gordon Road A-801
Nelson BC V1L 3M4
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 10, 2013

CERTIFICATE OF ANALYSIS VAN13003915.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
48180	Rock	0.60	0.2	1.6	2.2	10	<0.1	3.6	1.8	341	1.36	3.7	<0.5	1.0	1	<0.1	<0.1	0.1	2	0.19	0.004
48184	Rock	0.55	4.8	1.7	16.8	18	<0.1	1.8	2.1	3016	1.29	4.0	1.9	1.5	20	<0.1	0.3	0.2	10	9.85	0.040

Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 10, 2013

CERTIFICATE OF ANALYSIS VAN13003915.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
48180	Rock	4	8	0.03	25	<0.001	1	0.09	0.001	0.05	<0.1	<0.01	1.0	<0.1	<0.05	<1	0.5	<0.2
48184	Rock	9	8	0.49	12	<0.001	<1	0.06	<0.001	0.01	1.9	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2

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PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 10, 2013

QUALITY CONTROL REPORT VAN13003915.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
48184	Rock	0.55	4.8	1.7	16.8	18	<0.1	1.8	2.1	3016	1.29	4.0	1.9	1.5	20	<0.1	0.3	0.2	10	9.85	0.040
REP 48184	QC		5.1	2.4	16.8	18	<0.1	2.1	2.1	3064	1.29	3.9	0.5	1.6	21	0.2	0.3	0.2	10	9.84	0.038
Reference Materials																					
STD DS10	Standard		14.2	155.3	158.4	365	2.0	75.4	12.3	905	2.80	45.2	77.9	7.5	66	2.3	8.4	11.2	44	1.08	0.073
STD DS10 Expected			14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	0.073
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		0.1	2.5	3.6	48	<0.1	4.4	4.1	581	2.00	<0.5	1.3	4.6	58	<0.1	<0.1	0.2	36	0.41	0.073

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Addie, Lloyd**
1102 Gordon Road A-801
Nelson BC V1L 3M4 Canada

Project: None Given
Report Date: October 10, 2013

QUALITY CONTROL REPORT VAN13003915.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
48184	Rock	9	8	0.49	12	<0.001	<1	0.06	<0.001	0.01	1.9	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2
REP 48184	QC	8	8	0.49	12	<0.001	<1	0.06	<0.001	0.01	2.0	<0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	55	0.79	336	0.078	6	1.05	0.064	0.33	3.4	0.30	2.6	5.1	0.27	5	2.3	5.1
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	9	11	0.60	234	0.109	2	0.96	0.064	0.49	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2

Acme Analytical Laboratories Ltd
9050 Shaughnessy St., Vancouver BC
Canada V6P 6E5

Phone 604 253 3158
Fax 604 253 1716

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Lloyd Addie
1102 Gordon Road A-801
Nelson, B.C.
V1L 3M4
Canada

8 October, 2013

RE: Samples 48178 & 48193 / Acme Job VAN13003916

Two samples were submitted for x-ray diffraction and analysis. The results are presented herein and attached are the x-ray traces.

SAMPLE 48178 contains:

1. Montmorillonite ..... Significant abundance.
2. Quartz ..... Minor abundance.
3. Illite ..... Very minor abundance.

SAMPLE 48193 contains:

1. Montmorillonite ..... Moderate abundance.
2. Quartz ..... Moderate abundance.
3. Illite ..... Very minor abundance.

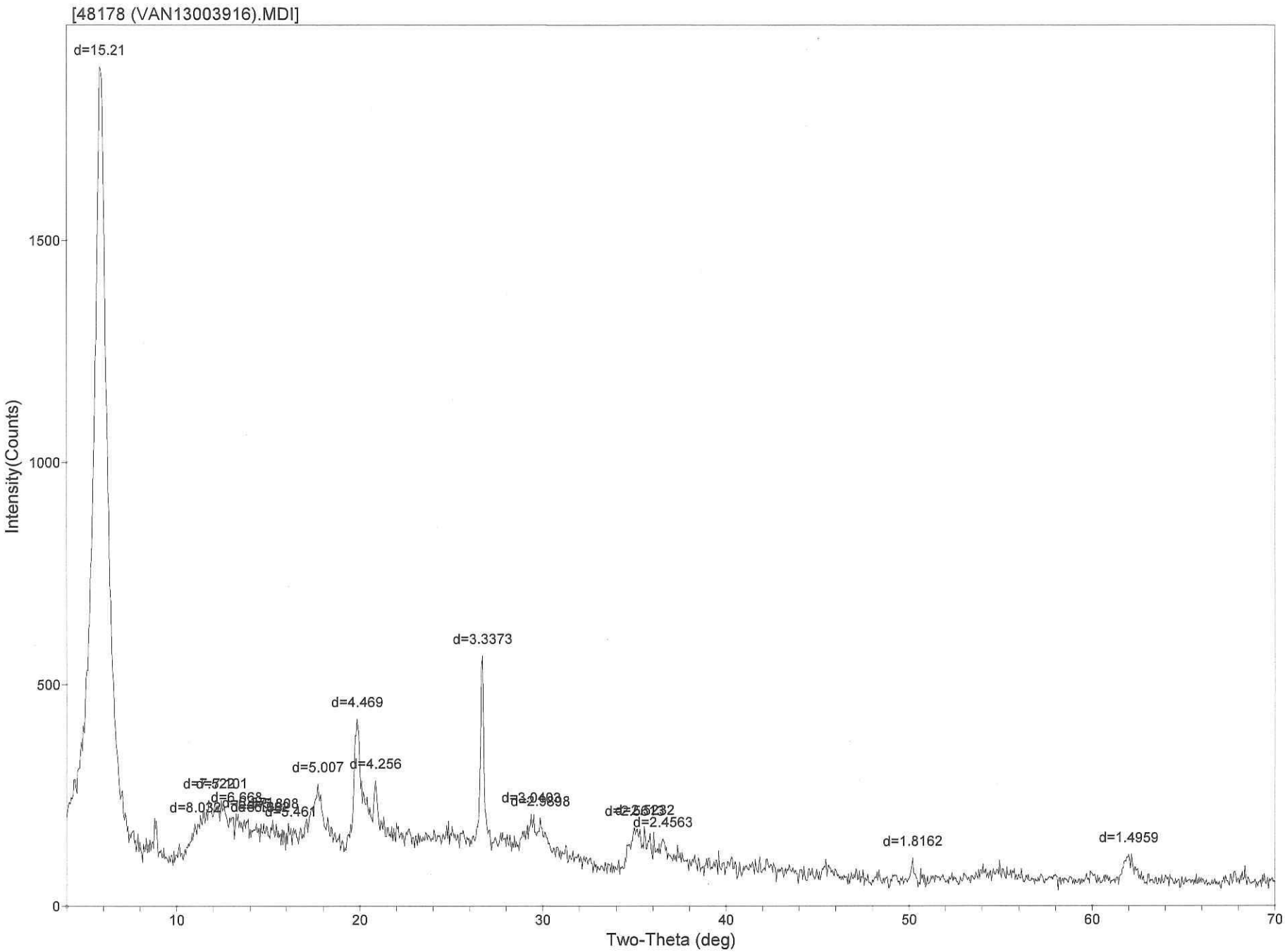
Illite gives a good match but muscovite also could be a match.

Sincerely,

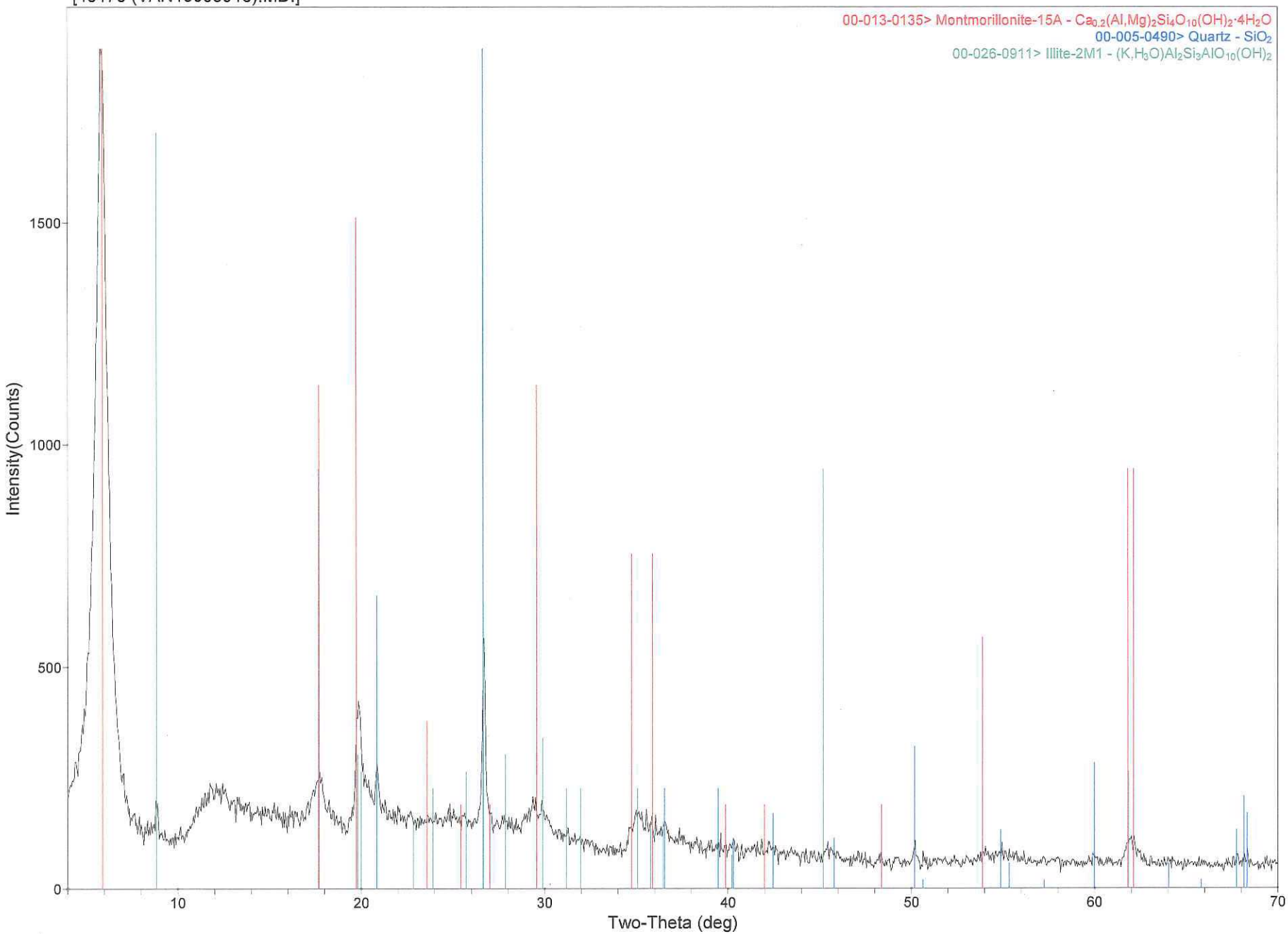
J.A. McLeod, M.A.Sc., P.Eng.
McLeod Geological (*Subcontracted Services)*

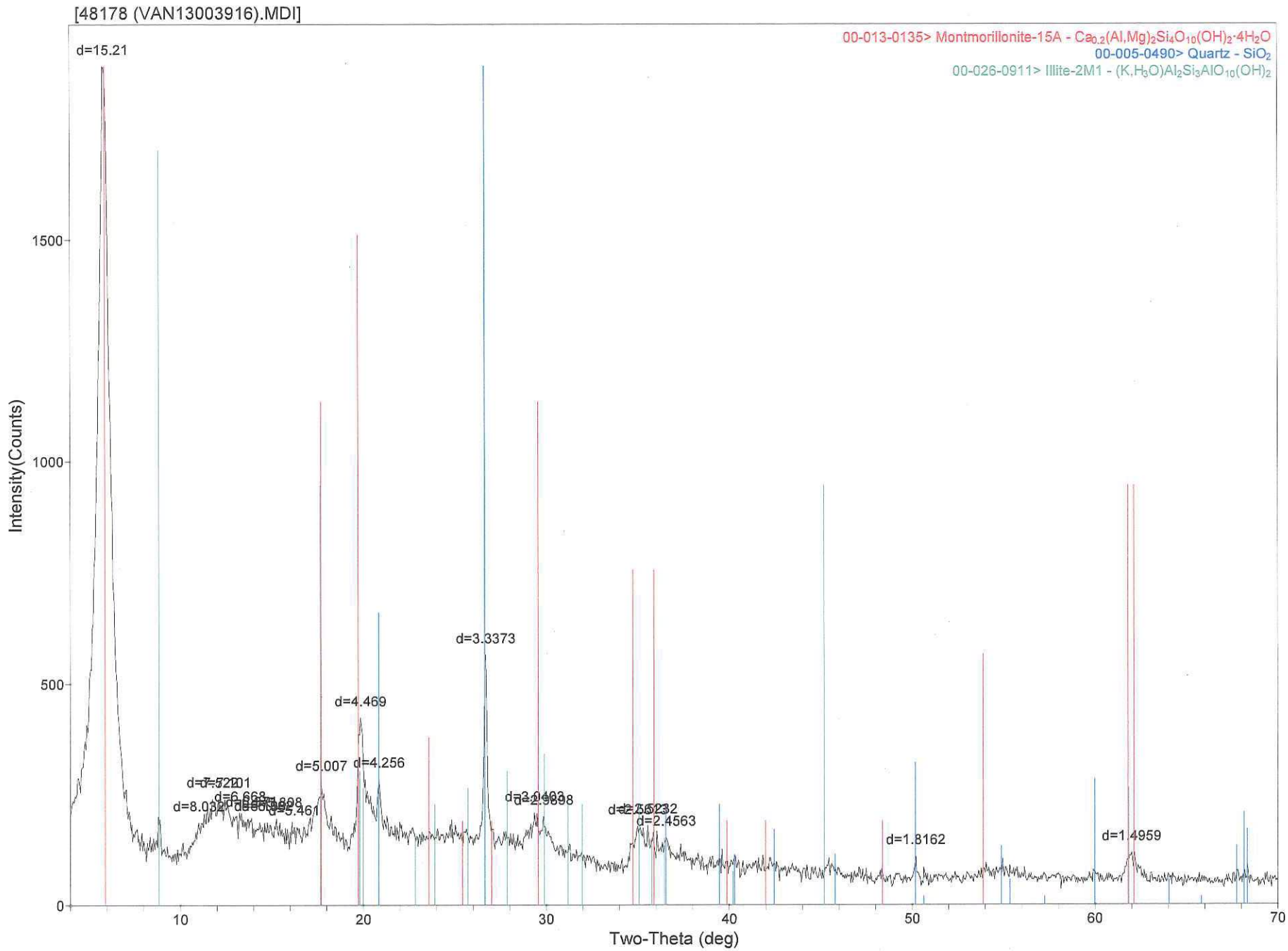
JAM/skw

Att. (x-ray diffractograms)

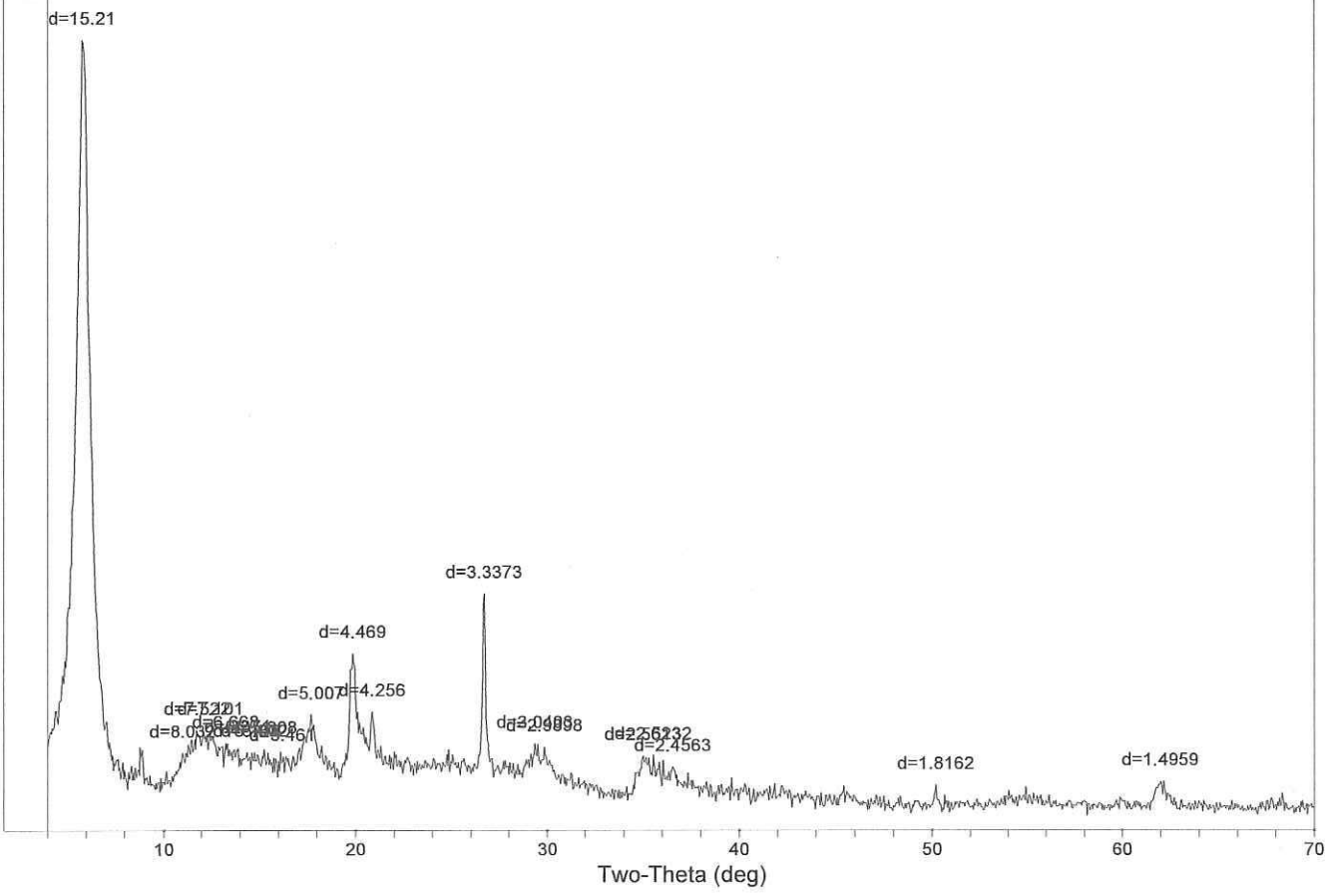

[48178 (VAN13003916).MDI]
d=15.21
d=3.3373
d=4.469
d=5.007
d=4.256
d=2.4563
d=1.8162
d=1.4959
Intensity(Counts)
Two-Theta (deg)
0
500
1000
1500
10
20
30
40
50
60
70

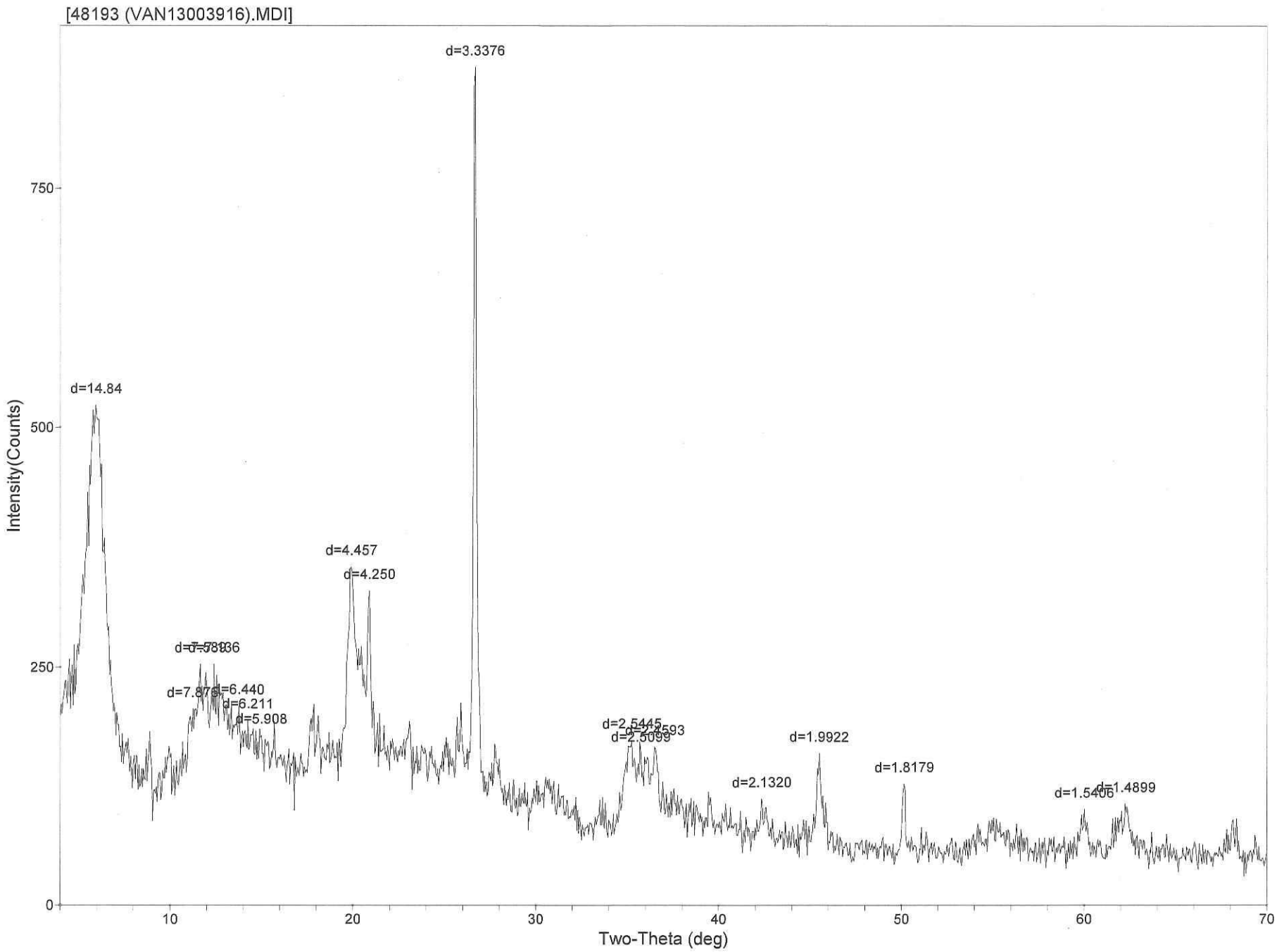
[48178 (VAN13003916).MDI]




[48178 (VAN13003916).MDI]
00-013-0135> Montmorillonite-15A - $Ca_{0.2}(Al,Mg)_2Si_4O_{10}(OH)_2 \cdot 4H_2O$
00-005-0490> Quartz - SiO_2
00-026-0911> Illite-2M1 - $(K,H_3O)Al_2Si_3AlO_{10}(OH)_2$
d=15.21
d=5.007
d=4.469
d=4.256
d=3.3373
d=2.4563
d=1.8162
d=1.4959
Intensity(Counts)
Two-Theta (deg)
0
500
1000
1500
10
20
30
40
50
60
70

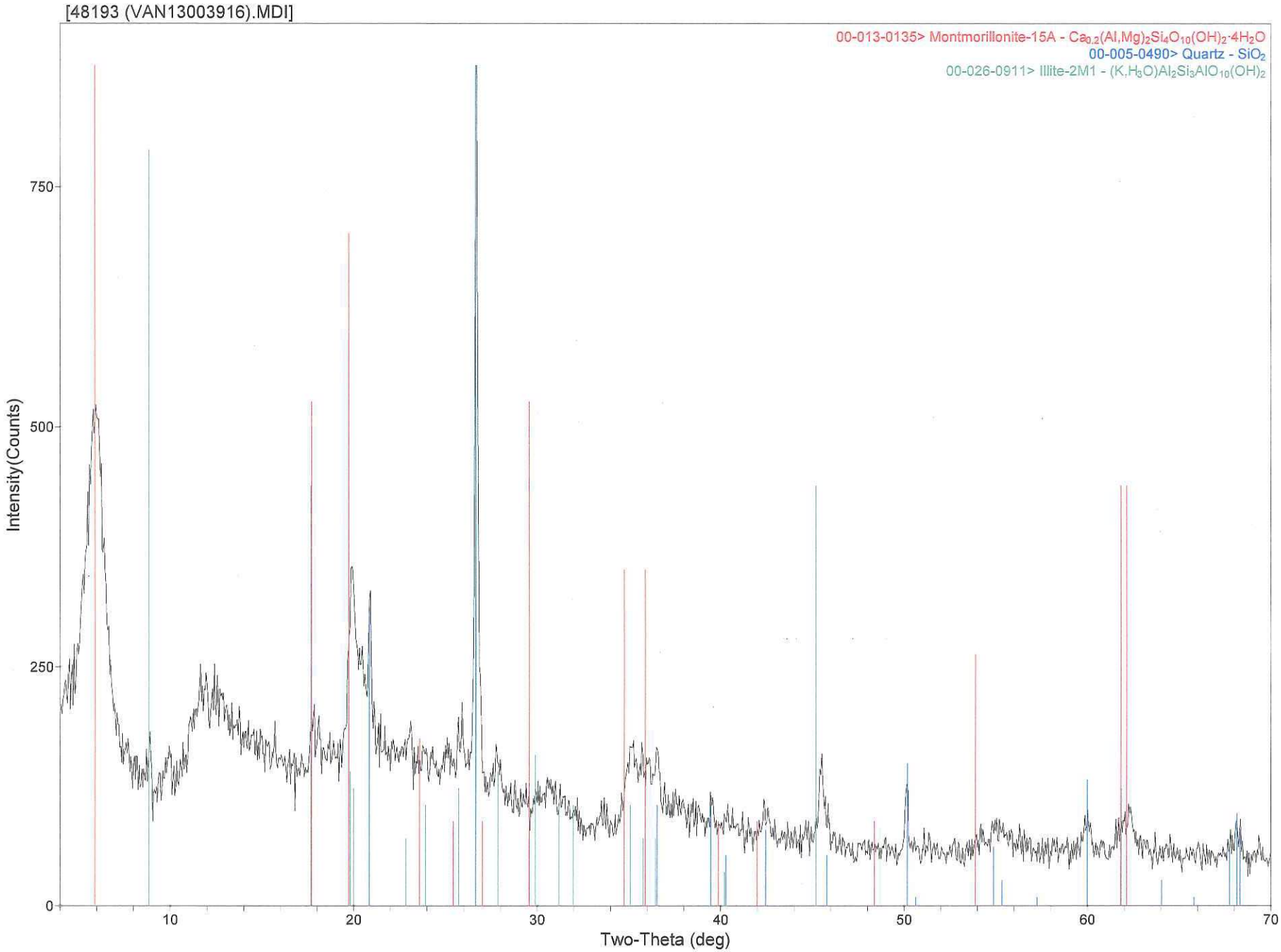
[48178 (VAN13003916).MDI]								Peak Search Report
SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=1889, 10/04/13 03:43p								
PEAK: 15(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit								
NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)								
#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	5.805	15.2118	321	1568	100.0	24153	100.0	0.655
2	11.006	8.0324	116	69	4.4	434	1.8	0.269
3	11.755	7.5221	116	123	7.8	3532	14.6	1.225
4	12.455	7.1008	116	123	7.8	3301	13.7	1.144
5	13.267	6.6681	116	92	5.8	1145	4.7	0.531
6	13.889	6.3710	116	80	5.1	1771	7.3	0.946
7	14.348	6.1681	116	70	4.4	662	2.7	0.405
8	14.749	6.0015	116	70	4.4	1220	5.0	0.745
9	15.243	5.8078	116	78	4.9	1404	5.8	0.769
10	16.216	5.4614	116	60	3.8	328	1.4	0.234
11	17.700	5.0069	158	118	7.5	1427	5.9	0.513
12	19.851	4.4689	136	286	18.2	3240	13.4	0.482
13	20.854	4.2561	136	147	9.3	1274	5.3	0.369
14	26.690	3.3373	148	417	26.6	1827	7.6	0.186
15	29.353	3.0403	138	69	4.4	928	3.8	0.575
16	29.860	2.9898	146	53	3.4	497	2.1	0.398
17	35.005	2.5613	87	90	5.7	1743	7.2	0.823
18	35.550	2.5232	87	92	5.9	1741	7.2	0.804
19	36.552	2.4563	87	64	4.1	1125	4.7	0.747
20	50.191	1.8162	57	51	3.2	130	0.5	0.109
21	61.989	1.4959	60	56	3.6	643	2.7	0.491





Materials Data, Inc.

Saturday, October 05, 2013 03:51p (MDI/JADE8)



Materials Data, Inc.

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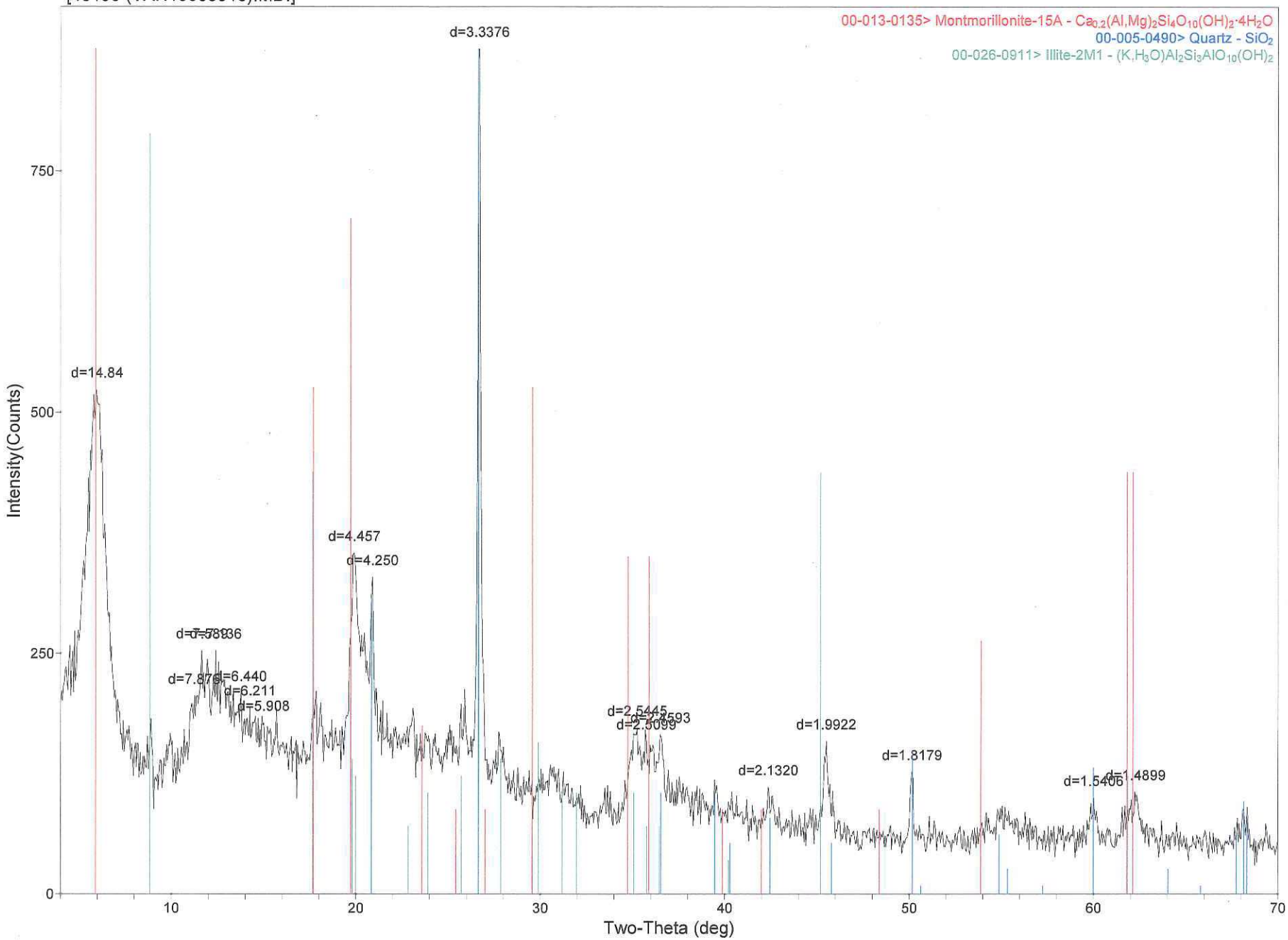


Materials Data, Inc.

Saturday, October 05, 2013 03:51p (MDI/JADE8)

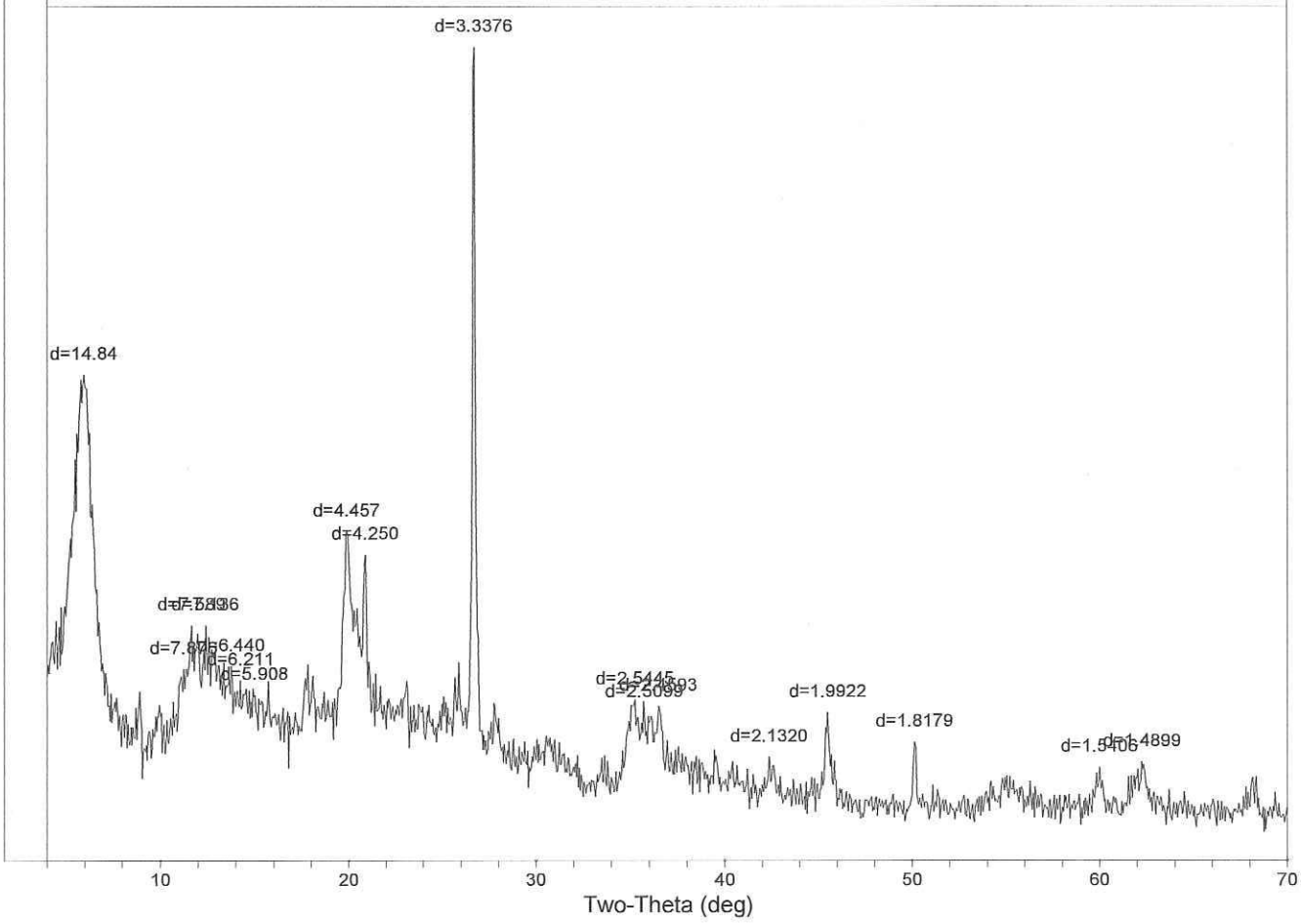
[48193 (VAN13003916).MDI]	Peak Search Report

SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=876.0, 10/04/13 04:13p

PEAK: 17(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	5.952	14.8375	240	283	38.8	5395	100.0	0.810
2	11.226	7.8758	131	75	10.3	603	11.2	0.340
3	11.651	7.5892	131	122	16.8	2043	37.9	0.709
4	12.394	7.1356	131	122	16.8	2019	37.4	0.701
5	13.739	6.4401	131	78	10.7	1321	24.5	0.716
6	14.248	6.2112	131	63	8.7	1072	19.9	0.718
7	14.983	5.9081	131	47	6.5	300	5.6	0.269
8	19.904	4.4571	156	198	27.1	2752	51.0	0.591
9	20.886	4.2497	156	173	23.7	953	17.7	0.234
10	26.687	3.3376	146	730	100.0	2965	54.9	0.173
11	35.243	2.5445	83	90	12.3	1626	30.1	0.766
12	35.745	2.5099	83	76	10.4	2617	48.5	1.461
13	36.507	2.4593	83	83	11.4	1336	24.8	0.683
14	42.360	2.1320	72	39	5.3	250	4.6	0.275
15	45.493	1.9922	70	89	12.2	604	11.2	0.288
16	50.140	1.8179	53	74	10.2	387	7.2	0.222
17	60.000	1.5406	56	44	6.1	360	6.7	0.345
18	62.265	1.4899	61	45	6.2	547	10.1	0.514



Appendix III

PROSPECTOR QUALIFICATIONS

1. I have been actively prospecting continuously since 1982 and have been successful at discovering new mineral prospects and at optioning numerous mineral properties and generating significant economic activity.

2. In 1982 I attended and completed the basic prospecting course sponsored by the Chamber of Mines of Eastern B.C. and the B.C. Ministry of Mines.

3. In 1983 I attended and completed the Advanced Prospectors Course sponsored the B.C. Ministry of Mines at Cowichan Lake, B.C.

4. In 1992 I attended the "Petrology for Prospectors" course held in Nelson and sponsored by the Ministry of Energy, Mines & Petroleum Resources and the Chamber of Mines of Eastern B.C.

5. In 1996 I attended the "Industrial Minerals" course held in Nelson and sponsored by the Ministry of Employment & Investment and the Chamber of Mines of Eastern B.C.

6. In 1998 I attended the "Gemstone" course held in Nelson and sponsored by the Chamber of Mines of Eastern B.C.

7. I regularly attend the AME BC Cordilleran Roundup, the Kamloops Exploration Group KEG Conference and Minerals South Conferences. I have attended many presentations on topics related to mineral exploration and have attended numerous short courses covering various subjects including: Intrusive Hosted Gold, Intrusion Related Gold, Exploration for IOCG Deposits, Exploration for Rare Metals, Tectonomagmatic Controls on Porphyry and Epithermal Mineralization and "Understanding Mineralization Controls: Applied Structural Geology to Exploration and Mining" Short Course at Roundup 2009

Lloyd Addie

Lloyd Addie

November 2013

Appendix IV

STATEMENT OF COSTS
BEGBIE PROJECT

WAGES:

Prospecting, Rock Sampling: 12 man days	$ 4200.00

TRANSPORTATION:

4 X 4 including fuel: 8 days 1 truck @ $150/day.....	$1,200.00
Glacier Helicopter 4 trips	$ 2,367.75
Hotel 4 nights @79.35 per night	$ 317.40

FIELD SUPPLIES:

Flagging tape, bags, etc.	$ 50.00

LAB ANALYSES:

4 Acid Ultratrace ICP-MS, 21 Samples total $719.08.....	$ 1008.15
2 ICP-MS total $57.23	
2 X-ray diffraction total $231.84	
Shipping, Nelson to Vancouver.....	$ 30.53

REPORT:

Report Preparation	$ 800.00

TOTAL PROJECT COST:	$ 9973.83

Amount from PAC Account	$
Total Work Value Applied	$

Lloyd Addie

Lloyd Addie November
2013