ROCK SAMPLING AND ASSAY OF MINERALIZATION ON THE TBMB PROPERTY, 105B-3

By: T. Liverton

Claims: TBMB 1 to 7 (YD11144-11150)

Owners: T. Liverton, Hardy Hibbing

60°09’30” N, 131°15’ W.

Watson Lake Mining Recorder’s District

Fieldwork: 25th. August 2013

CONTENTS

FIGURES AND TABLES

INTRODUCTION

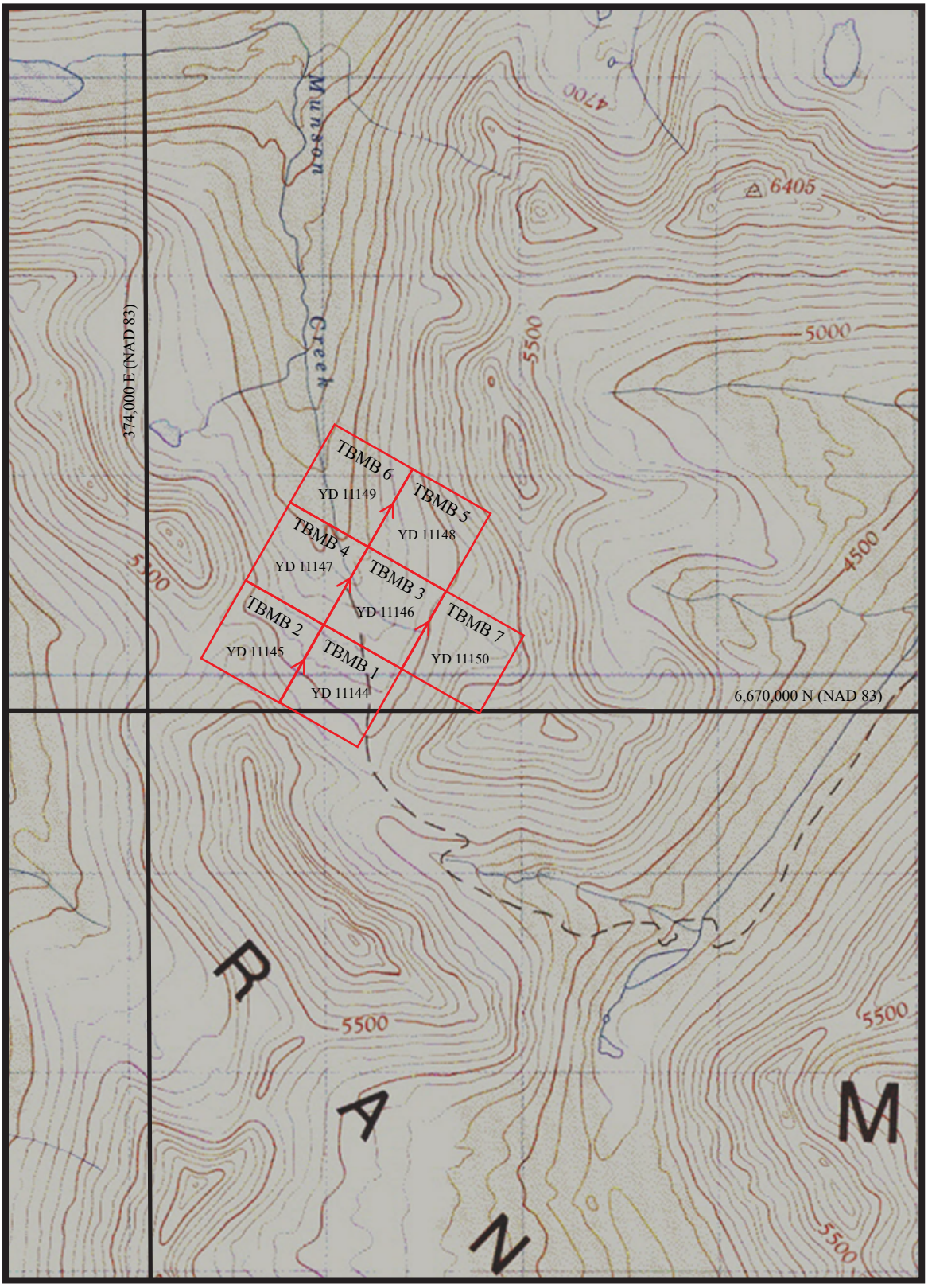
The TBMB property (Minfile 105B030) consists of several showings of either sphalerite-galena or pyrrhotite-chalcopyrite that are associated with marble and calc-silicate horizons. These are exposed in various excavations that were made during the 1980s or earlier.

CLAIMS

The TBMB property consists of seven quartz claims, TBMB 1 to 7 (YD 11144-11150), held by T. Liverton with anniversary date 13th. August. The centre of the claims is at 60°09'30" N, 131°15' W.

ACCESS

The TBMB claims, are road-accessible by means of a four-wheel-drive trail that connects to the road from Pine Lake airstrip and the Swift river valley. The portion of the trail that passes the Mod (now Patience claims) property is usually blocked by snow accumulation until July and fresh snow may fall any time after mid September, so the workable season is short. If there has been a particularly heavy snow accumulation the saddle to the south side of the claim block may have considerable depth of hard-packed snow until the end of July. The road from the Mod showing involves negotiation of two very sharp hairpin bends and steep gradient.



STAKING OF TBMB 1 TO 7 CLAIMS
1:30,000 Scale

TBMB PROPERTY HISTORY

- Staked in 1946 as the BOM by Hudson Bay Mining & Smelting Co. Nine diamond drill holes drilled in 1947. Logs of these holes have been lost.
- Re-staked in 1958 as the Stan claims by A. Riba and optioned to J. Bradcoe & H. Karels.
- Staked again as Sandy claims in 1966 by G. Kazakoff and as the Glen claims in 1967 by T.R. Cairns.
- Included in the STQ claim block in 1977, optioned to Amax Potash Ltd. Option dropped in 1979 with little work done on the TBMB showings.
- Part of the present property was staked in 1984 as the Mas claims by A. Sahacic.
- Staked as the TBMB property by T. McRory and associates. Optioned to Apex energy Corporation until 1987. Trenching and sampling carried out.
- Acquired by Hardy Hibbing in 1992 and further trenching was performed.
- Claims lapsed in August 2009 and the showings were re-staked (with a block on a different orientation to conform to adjacent claim blocks) in 2010 by T. Liverton.

Various assessment reports are listed in the references.

GEOLOGY

The TBMB property contains several lead-zinc and copper showings that are associated with regional-scale anticlines. Massive galena-sphalerite mineralization at the 'original' showing (D'El-Rey Silva et. Al., 2001: Fig. 5a, locality 'A') is contained within marble that is an on-strike continuation of that encountered in the Mod showing, some 2.5 km ESE. Copper mineralization is found within a calc-silicate unit identified as trench 'E' in the 1998 assessment report.

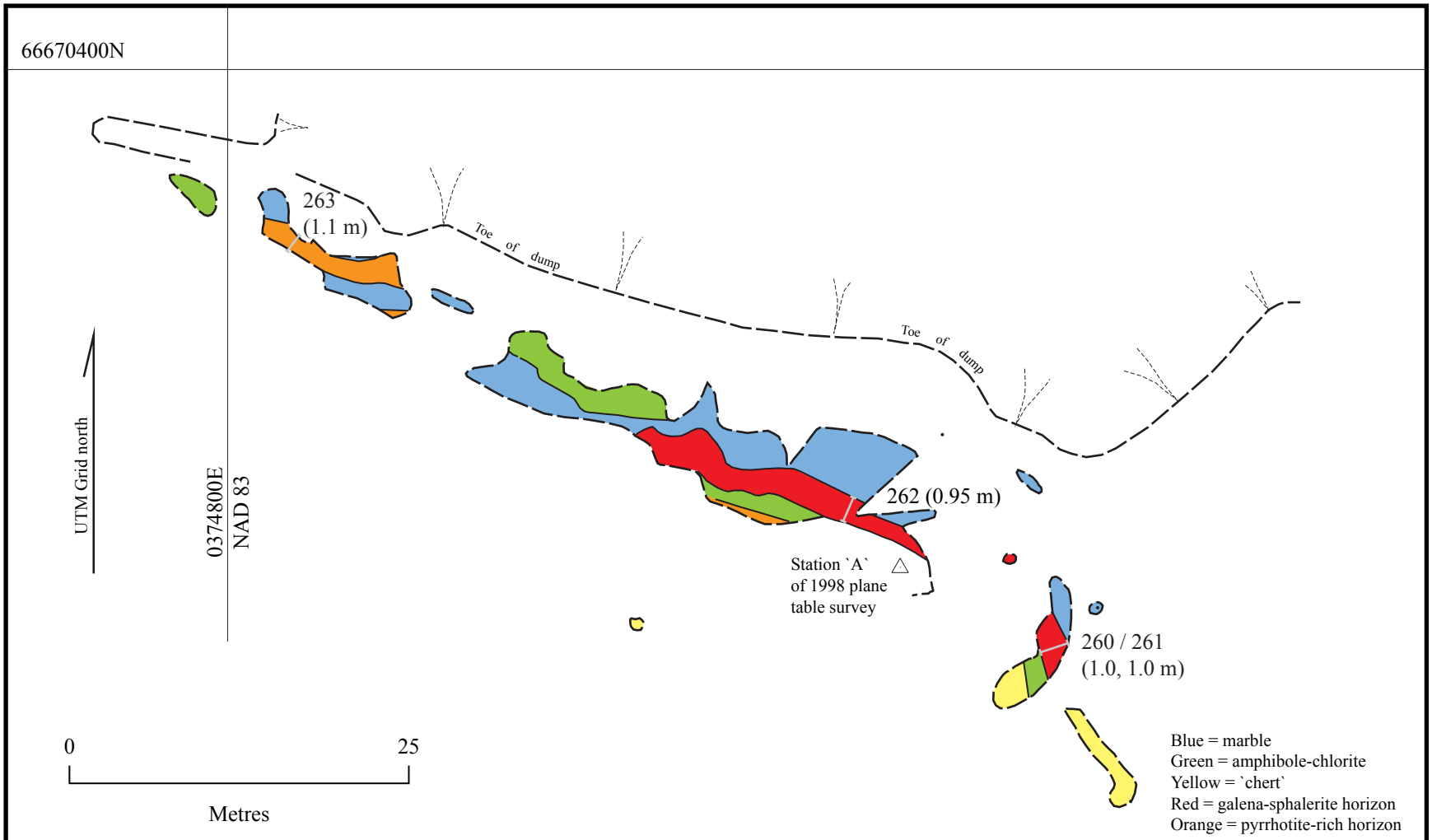
The predominantly siliciclastic metasediments of the TBMB region have been correlated with the Dorsey Assemblage which contains a tuff unit dated at 365 Ma (Roots and Heaman 2001). The assemblage has been poly-deformed and F_2 folds on a wavelength of about 800 m may be mapped in the TBMB cirque (Del Rey Silva et al., 2001). F_1 folds at metre-scale are observed in outcrop. In the carbonates, folding is isoclinal similar style but in the fine-grained siliciclastics, somewhat discordant over-tightened chevron folds are displayed in some high-strain zones (see Fig. 4, which shows a block from the slope 200 m east of trench 'E').

2013 WORK

Work during the 2013 season consisted of sampling across exposed mineralization as indicated in Figures 2 and 3. Continuous chips were taken across the intervals. Details of samples are given in Table 1. Weight of samples, varying from 0.91 to 3.15 kg, is shown on the assay certificate and Table 2.

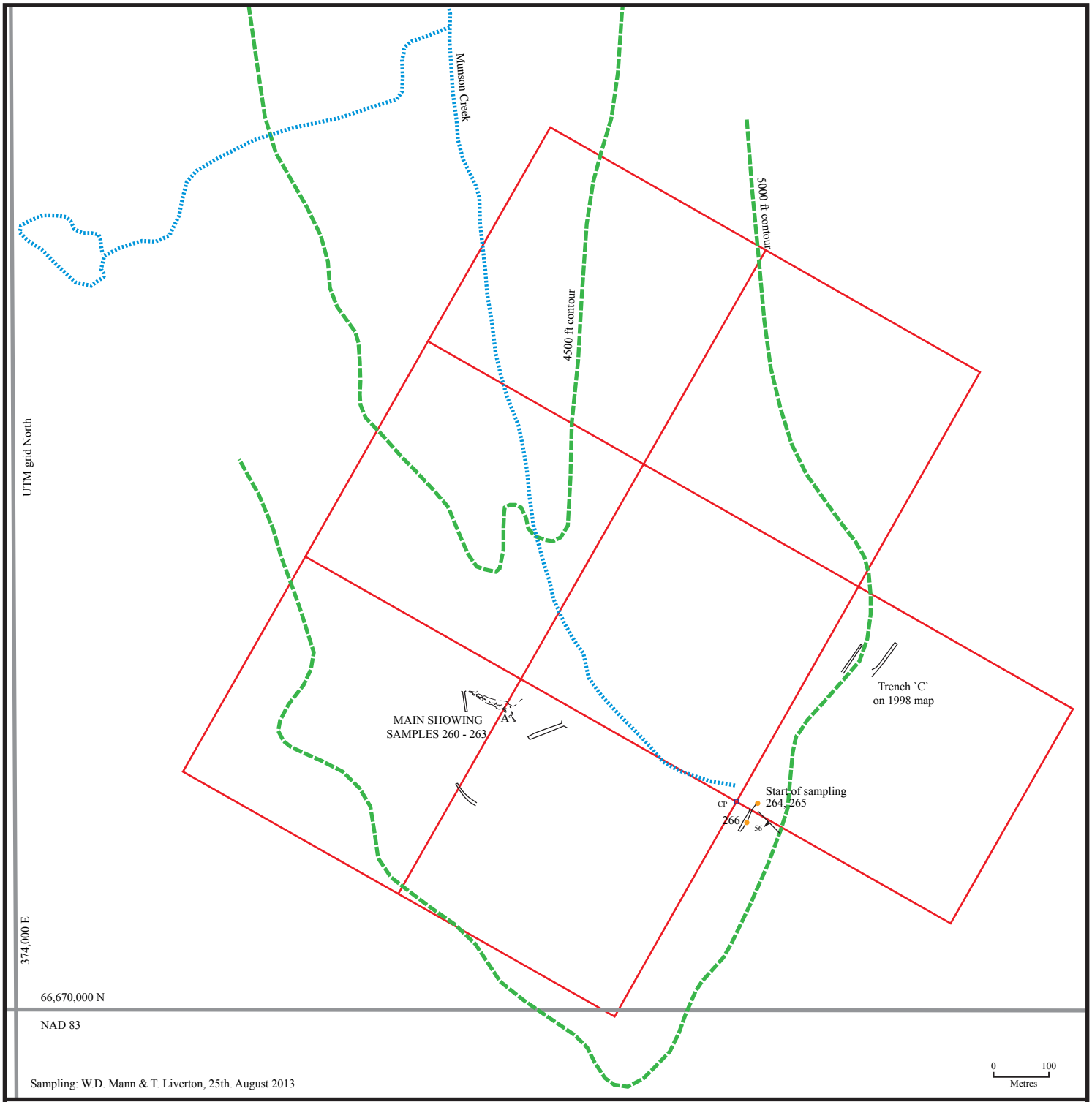
SAMPLE NUMBER	TRENCH	INTERVAL (m)	COMMENTS
E 5272260	A	1.0 t-t	Calc-silicate: east end
E 5272261	A	1.0 t-t	East end sulphide
E 5272262	A	0.95 t-t	Centre galena-sphalerite
E 5272263	A	1.1 t-t	West end: pyrrhotite-rich
E 5272264	E	3.1 horiz.	North end of trench
E 5272265	E	1.4 horiz.	North end of trench, gap of 0.5m gouge from 264
E 5272266	E	2.7 horiz.	South end of trench: 38.9m from 265 to centre of 266

Table 1: sampling.



TBMB CLAIMS: SKETCH SHOWING 2013 SAMPLING OF SULPHIDE HORIZONS AT THE MAIN SHOWING

Sampled: W.D. Mann & T. Liverton, August 25th. 2013



TBMB CLAIMS: LOCATION OF 2013 SAMPLES E 5272264 - 5272266

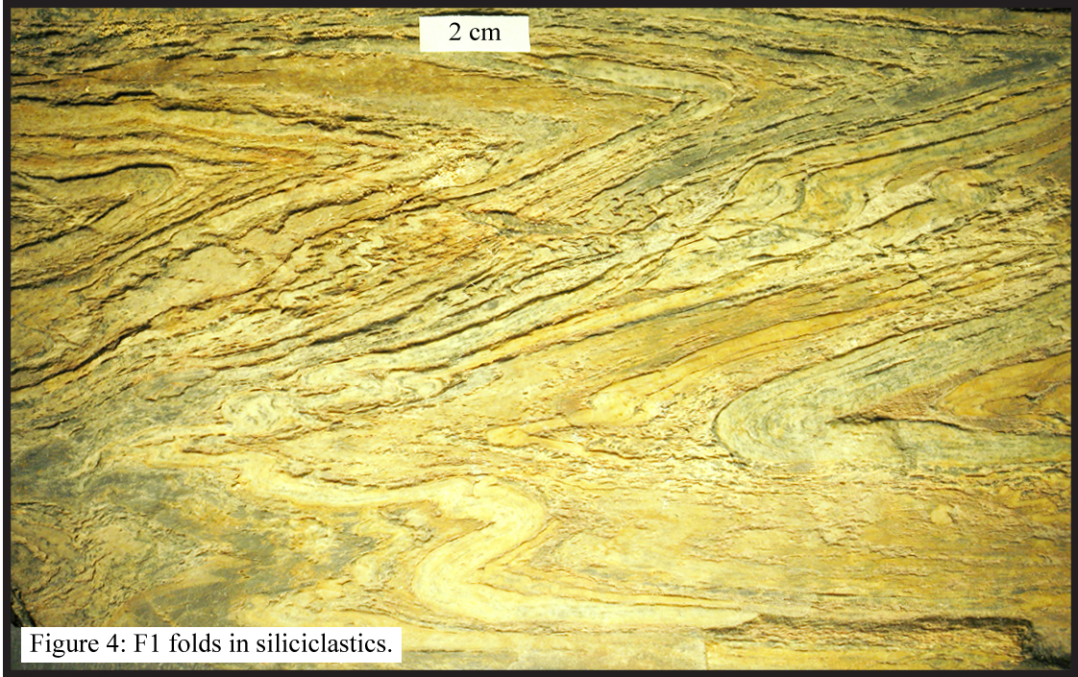


Figure 4: F1 folds in siliciclastics.

The samples were submitted to Acme analytical for assay. A variety of methods were employed, their techniques including:

3B + 1DX	fire assay fusion with Au determined by ICP-AES plus aqua region digestion followed by ICP-MS determination of other elements;
7AR	aqua regia digestion followed by ICP-IES determination for Pb, Zn & Ag
7KP	phosphoric acid digestion followed by ICP-AES determination for W
G6GR	lead collection fire assay followed by gravimetric determination for Ag

The table of results indicates which method was used for the various elements.

The assays, performed by Acme Analytical Laboratories Ltd., are shown in Table 2, which follows:

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	kg	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1
5272260	Rock	0.91	646	0.7	144.3	117.7	567	3.8	10.9	12.0
5272261	Rock	2.02	249	1.4	1899.2	>10000.0	>10000	>100.0	12.5	20.7
5272262	Rock	0.97	529	0.3	1446.4	>10000.0	>10000	>100.0	17.3	31.2
5272263	Rock	1.09	315	305.5	3542.0	1111.3	>10000	20.0	69.3	63.6
5272264	Rock	2.71	437	1.1	1280.6	271.2	612	3.5	35.4	34.0
5272265	Rock	1.57	14	11.5	1149.6	153.0	1061	5.2	20.4	22.5
5272266	Rock	3.15	30	6.0	>10000.0	9032.8	>10000	>100.0	4.2	12.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mn	Fe	As	Au	Th	Sr	Cd	Sb
	Unit	kg	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM
	MDL	0.01	1	0.01	0.5	0.5	0.1	1	0.1	0.1
5272260			1011	3.68	405.2	697.2	0.9	2	5.1	7.1
5272261			>10000	14.45	523.6	268.3	0.6	23	225.2	1825.9
5272262			>10000	17.75	744.8	529.3	0.5	21	956.8	311.6
5272263			5123	25.68	4661.9	289.6	0.3	2	159.6	274.2
5272264			1350	31.44	77.5	461.5	0.4	2	3.2	3.5
5272265			1323	12.32	312.5	65.1	10.9	20	4.8	9.7
5272266			4253	19.41	10.7	33.0	0.6	2	255.9	2.2

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Bi	V	Ca	P	La	Cr	Mg	Ba
	Unit	kg	PPM	PPM	%	%	PPM	PPM	%	PPM
	MDL	0.01	0.1	2	0.01	0.001	1	1	0.01	1
5272260			518.6	17	1.45	0.039	5	2	0.70	103
5272261			168.7	10	4.23	0.025	2	12	2.41	13
5272262			202.8	3	4.21	0.030	2	8	0.81	6
5272263			689.1	<2	0.28	0.048	<1	2	0.39	10
5272264			194.8	13	0.11	0.033	<1	14	7.89	61
5272265			257.2	59	2.66	0.098	93	22	1.41	39
5272266			340.4	122	0.28	0.002	3	3	0.55	11

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Ti	B	Al	Na	K	W	Hg	Tl
	Unit	kg	%	PPM	%	%	%	PPM	PPM	PPM
	MDL	0.01	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1
5272260			0.026	<20	0.63	0.005	0.33	28.5	<0.01	0.9
5272261			0.022	<20	0.28	0.010	0.13	4.0	0.08	0.7
5272262			0.018	<20	0.09	0.001	0.03	1.7	0.82	0.3
5272263			0.004	<20	0.09	<0.001	0.04	>100.0	<0.01	0.2
5272264			0.029	83	0.69	0.009	0.52	52.1	<0.01	1.4
5272265			0.089	<20	1.77	0.118	0.38	>100.0	<0.01	2.8
5272266			<0.001	<20	3.05	<0.001	<0.01	1.9	0.14	0.2

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	7AR	7AR	7AR
	Analyte	Wgt	S	Sc	Se	Ga	Te	Pb	Zn	Ag
	Unit	kg	%	PPM	PPM	PPM	PPM	%	%	GM/T
	MDL	0.01	0.05	0.1	0.5	1	0.2	0.01	0.01	2
5272260			0.39	0.8	3.0	3	14.7			
5272261			8.64	0.6	5.1	2	3.2	4.39	5.16	213
5272262			7.03	0.4	5.0	4	5.5	1.50	20.47	106
5272263			>10.00	<0.1	15.6	1	14.1	0.10	2.62	20
5272264			5.12	1.1	14.2	14	3.8			
5272265			3.11	4.0	12.9	12	0.2			
5272266			1.93	5.5	16.7	15	3.6	0.84	6.21	>300

	Method	WGHT	7KP	G6Gr
	Analyte	Wgt	W	Ag
	Unit	kg	%	GM/T
	MDL	0.01	0.005	50
5272260				
5272261				
5272262				
5272263			0.061	
5272264				
5272265			0.228	
5272266				298

Table 2: Assays

Of note in the results are Pb, Zn and Ag in samples -262 and -263 to a maximum Zn value of 20.47% in 263 for the galena / sphalerite horizon. Gold at 0.646 g/t in the first sample is significant. Sample 266 from trench 'E' exceeding 1% Cu with 6.21% Zn and 298 g/t of Ag indicates that there may be a significant horizon at the south end of trench 'E'. Relatively low sulphur (1.93%) in that latter sample might indicate that oxide zinc is present and that some supergene enrichment has occurred. This is consistent with observation of chrysocolla copper stains in outcrop.

DISCUSSION

The results of assays indicate that at least part of the main showing has a bmetre of zinc-lead-silver mineralization of significant grade. It is unfortunate that the 1947 Hudson Bay Mining and Smelting Company's drill logs are unavailable since one remaining drill collar (see map in Liverton, 1998) indicates that down-dip extension of the mineralization was tested. Collection of a large amount of rock (e.g.,1 tonne) with suitable crushing and splitting to produce a representative sample is recommended for both localities of present samples -262 and -263. Gold grade of 0.646 g/t in sample -260 indicates that future work should assay for the metal and that the calc-silicates that are not so obviously sulphide mineralized might be a target. Down-dip extension of the Pb-Zn might be tested by sinking a pit within 10 metres of the outcropping mineralization. For the eastern trench 'E', the copper and silver grades of the last sample (-266) are encouraging. This result deserves follow-up by cleaning the face of the very 'dirty' trench and collection of a large representative sample. Unfortunately it appears that his locality is just outside the claim boundary. Staking of another claim to adjoin TBMB 1 and 7 claims is warranted.

RECOMMENDATIONS

Recommendations for further work are therefore:

A) Excavation and collection of large samples from the three localites mentioned above;
B) Crushing, rolling and splitting of these to obtain representative assay material;
C) Assay of these;
D) Sinking of a deep pit on the upper side of the main showing at locality ‘A’ to intersect the galena-sphalerite mineralization down-dip from the exposure.

REFERENCES

Hibbing, H. 1993. Report on the TBMB Property (TBMB 1-6 and 13-15).

Report for YMIP grant.

Liverton, T. 1997. Geological Mapping and Mineralogical Examination of Zinc Mineralization on the Bond and Tanis Claims. Assessment report on file with the Yukon Mining recorder.

Liverton, T. 1998. Detailed geological mapping on the Bond and TBMB claims. Assessment report on file with the Yukon Mining recorder.

Liverton, T. and D'el-Rey Silva, L.J.H. 2001. Structural Analysis of the TBMB-Bound trend of Stratiform Mineralization, Swift River. Assessment report on file with the Yukon Mining recorder.

D'el-Rey Silva, L.J.H., Liverton, T., Roots, C. and Paradis, S. 2001. A structural analysis of the upper Swift River area (105B/3), Yukon, Part II: the TBMB claims and implications for the regional geology. *In:* Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 301-310.

Roots, C.F. and Heaman, L. Mississippian U-Pb dates from Dorsey Terrane assemblages in the Upper Swift River area, southern Yukon. Geological Survey of Canada, Current Research, 2001-A01, 16p.

COST STATEMENT

Fieldwork:		
W. Mann, sampling,	1 day @ $550.00	$ 550.00
T.Liverton, sampling, report prep.	3 days @ $550.00	$ 1650.00
Camp supplies:		$ 150.00
Vehicles (from Watson Lake):		
386 km @ $0.45,		$ 173.88
Assay		$ 355.11
Total:		**$ 2878.99**

Timothy Liverton

STATEMENT OF QUALIFICATIONS

TIMOTHY LIVERTON, PH.D., C.GEOL., F.G.S.

BOX 393, WATSON LAKE, YUKON, Y0A 1C0

1. I am a Graduate of the University of Sydney 1964 (B.Sc. in Geology and Geophysics), the University of Adelaide 1967 (B.Sc. Hons. Economic Geology) and Royal Holloway, University of London 1992 (Ph.D. in Structural Geology, Petrology & Metallogeny)
2. I am a Fellow of the Geological Society, London and am validated as a Chartered Geologist.
3. I have worked in the mining and mineral exploration industry since 1965.

STATEMENT OF QUALIFICATIONS

WILLIAM D. MANN, M.Sc., P.Geo.

19 HAYES CRESCENT, WHITEHORSE, YUKON Y1A 0E1

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC, Licence #31907.

2. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.

3. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.

4. I have worked in mineral exploration and mining continuously since 1979.

5. I participated in the work program on the VAL Project in 2013.

6. I hold no interest in the VAL property.

January 21, 2014

William D. Mann, M.Sc., P.Geo.

ASSAY CERTIFICATES

The certificates include assays for the MOD property (Patience claim block). Costs have been proportioned for the TBMB cost statement.

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

www.acmelab.com

Client: **Bill Mann**
19 Hayes Cres.
Whitehorse YT Y1A 0E1 CANADA

Submitted By: Bill Mann
Receiving Lab: Canada-Whitehorse
Received: August 30, 2013
Report Date: September 26, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000385.1

CLIENT JOB INFORMATION

Project: MOD
Shipment ID:
P.O. Number
Number of Samples: 11

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	11	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	11	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7AR1	6	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN
7KP	2	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bill Mann
19 Hayes Cres.
Whitehorse YT Y1A 0E1
CANADA

CC: Tim Liverton

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.

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

www.acmelab.com

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19 Hayes Cres.
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Project: MOD
Report Date: September 26, 2013

CERTIFICATE OF ANALYSIS WHI13000385.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	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
73601	Rock	1.43	11	0.5	1034	>10000	>10000	>100	13.3	7.7	>10000	21.43	4973	2.9	0.1	20	235.1	115.3	13.9	<2	2.09
73602	Rock	1.72	31	2.7	526.0	45.5	549	2.2	4.3	2.4	189	15.35	199.1	26.0	3.4	2	2.6	3.4	60.3	9	0.38
73603	Rock	2.95	11	11.6	869.5	52.7	4425	2.2	4.8	5.3	283	30.19	646.5	11.1	0.9	6	17.2	9.8	51.3	10	0.23
73604	Rock	2.17	22	1.1	557.8	>10000	>10000	>100	4.2	3.4	>10000	21.37	6513	10.5	0.2	3	886.8	516.3	33.1	<2	0.82
5272260	Rock	0.91	646	0.7	144.3	117.7	567	3.8	10.9	12.0	1011	3.68	405.2	697.2	0.9	2	5.1	7.1	518.6	17	1.45
5272261	Rock	2.02	249	1.4	1899	>10000	>10000	>100	12.5	20.7	>10000	14.45	523.6	268.3	0.6	23	225.2	1826	168.7	10	4.23
5272262	Rock	0.97	529	0.3	1446	>10000	>10000	>100	17.3	31.2	>10000	17.75	744.8	529.3	0.5	21	956.8	311.6	202.8	3	4.21
5272263	Rock	1.09	315	305.5	3542	1111	>10000	20.0	69.3	63.6	5123	25.68	4662	289.6	0.3	2	159.6	274.2	689.1	<2	0.28
5272264	Rock	2.71	437	1.1	1281	271.2	612	3.5	35.4	34.0	1350	31.44	77.5	461.5	0.4	2	3.2	3.5	194.8	13	0.11
5272265	Rock	1.57	14	11.5	1150	153.0	1061	5.2	20.4	22.5	1323	12.32	312.5	65.1	10.9	20	4.8	9.7	257.2	59	2.66
5272266	Rock	3.15	30	6.0	>10000	9033	>10000	>100	4.2	12.1	4253	19.41	10.7	33.0	0.6	2	255.9	2.2	340.4	122	0.28

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

www.acmelab.com

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19 Hayes Cres.
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Project: MOD
Report Date: September 26, 2013

CERTIFICATE OF ANALYSIS WHI13000385.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Pb	Zn
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.01	0.01
73601	Rock	0.025	1	1	2.38	5	0.001	<20	0.03	<0.001	0.02	1.6	0.05	0.1	>10	<0.1	6.0	3	0.3	4.02	6.10
73602	Rock	0.030	2	4	0.40	29	0.015	<20	0.31	0.015	0.08	2.0	<0.01	0.1	1.84	0.6	11.9	4	1.4		
73603	Rock	0.042	3	9	0.40	41	0.021	<20	0.31	0.008	0.08	0.4	<0.01	0.2	3.60	0.6	19.5	9	0.4		
73604	Rock	0.029	<1	1	1.53	5	0.002	<20	0.04	<0.001	0.01	4.1	0.19	0.2	7.79	<0.1	1.9	5	0.4	5.46	15.94
5272260	Rock	0.039	5	2	0.70	103	0.026	<20	0.63	0.005	0.33	28.5	<0.01	0.9	0.39	0.8	3.0	3	14.7		
5272261	Rock	0.025	2	12	2.41	13	0.022	<20	0.28	0.010	0.13	4.0	0.08	0.7	8.64	0.6	5.1	2	3.2	4.39	5.16
5272262	Rock	0.030	2	8	0.81	6	0.018	<20	0.09	0.001	0.03	1.7	0.82	0.3	7.03	0.4	5.0	4	5.5	1.50	20.47
5272263	Rock	0.048	<1	2	0.39	10	0.004	<20	0.09	<0.001	0.04	>100	<0.01	0.2	>10	<0.1	15.6	1	14.1	0.10	2.62
5272264	Rock	0.033	<1	14	7.89	61	0.029	83	0.69	0.009	0.52	52.1	<0.01	1.4	5.12	1.1	14.2	14	3.8		
5272265	Rock	0.098	93	22	1.41	39	0.089	<20	1.77	0.118	0.38	>100	<0.01	2.8	3.11	4.0	12.9	12	0.2		
5272266	Rock	0.002	3	3	0.55	11	<0.001	<20	3.05	<0.001	<0.01	1.9	0.14	0.2	1.93	5.5	16.7	15	3.6	0.84	6.21

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Client: **Bill Mann**
19 Hayes Cres.
Whitehorse YT Y1A 0E1 CANADA

Project: MOD
Report Date: September 26, 2013

CERTIFICATE OF ANALYSIS WHI13000385.1

		Method	7AR	7KP	G6Gr
		Analyte	Ag	W	Ag
		Unit	gm/t	%	gm/t
		MDL	2	0.005	50
73601	Rock		>300		293
73602	Rock				
73603	Rock				
73604	Rock		>300		298
5272260	Rock				
5272261	Rock		213		
5272262	Rock		106		
5272263	Rock		20	0.061	
5272264	Rock				
5272265	Rock			0.228	
5272266	Rock		>300		298

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QUALITY CONTROL REPORT WHI13000385.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	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
Pulp Duplicates																					
73602	Rock	1.72	31	2.7	526.0	45.5	549	2.2	4.3	2.4	189	15.35	199.1	26.0	3.4	2	2.6	3.4	60.3	9	0.38
REP 73602	QC		29																		
5272265	Rock	1.57	14	11.5	1150	153.0	1061	5.2	20.4	22.5	1323	12.32	312.5	65.1	10.9	20	4.8	9.7	257.2	59	2.66
REP 5272265	QC																				
5272266	Rock	3.15	30	6.0	>10000	9033	>10000	>100	4.2	12.1	4253	19.41	10.7	33.0	0.6	2	255.9	2.2	340.4	122	0.28
REP 5272266	QC			5.5	>10000	9002	>10000	>100	4.1	12.3	4197	19.37	10.1	30.4	0.6	2	252.0	2.1	342.6	122	0.29
Reference Materials																					
STD AGPROOF	Standard																				
STD AMIS0140	Standard																				
STD CDN-ME-6	Standard																				
STD DS9	Standard			14.1	116.5	135.1	336	1.8	43.0	7.9	598	2.42	27.6	113.8	6.4	76	2.5	4.6	6.7	39	0.74
STD GC-7	Standard																				
STD NBLG	Standard																				
STD OREAS133B	Standard																				
STD OREAS45EA	Standard			1.2	669.0	14.3	32	0.3	387.3	53.6	397	21.87	9.6	51.2	9.7	4	<0.1	0.2	0.3	309	0.03
STD OXC109	Standard		204																		
STD SP49	Standard																				
STD W107	Standard																				
STD OXC109 Expected			201																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.39	709	14.3	30.6	0.26	357	52	400	22.65	9.1	53	10.7	3.5	0.02	0.2	0.26	295	0.036
STD W107 Expected																					
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD CDN-ME-6 Expected																					
BLK	Blank		<2																		

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QUALITY CONTROL REPORT WHI13000385.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Pb	Zn
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.01	0.01
Pulp Duplicates																					
73602	Rock	0.030	2	4	0.40	29	0.015	<20	0.31	0.015	0.08	2.0	<0.01	0.1	1.84	0.6	11.9	4	1.4		
REP 73602	QC																				
5272265	Rock	0.098	93	22	1.41	39	0.089	<20	1.77	0.118	0.38	>100	<0.01	2.8	3.11	4.0	12.9	12	0.2		
REP 5272265	QC																				
5272266	Rock	0.002	3	3	0.55	11	<0.001	<20	3.05	<0.001	<0.01	1.9	0.14	0.2	1.93	5.5	16.7	15	3.6	0.84	6.21
REP 5272266	QC	0.002	3	3	0.55	11	<0.001	<20	3.02	<0.001	<0.01	1.6	0.16	0.3	1.94	5.5	15.3	15	4.5	0.84	6.19
Reference Materials																					
STD AGPROOF	Standard																				
STD AMIS0140	Standard																				
STD CDN-ME-6	Standard																				
STD DS9	Standard	0.090	14	126	0.64	345	0.114	<20	0.99	0.082	0.41	2.9	0.20	5.5	0.16	2.7	6.3	5	5.0		
STD GC-7	Standard																			9.93	21.63
STD NBLG	Standard																				
STD OREAS133B	Standard																			4.94	10.79
STD OREAS45EA	Standard	0.028	7	889	0.09	139	0.091	<20	3.19	0.014	0.05	<0.1	0.01	0.1	<0.05	74.9	0.9	12	<0.2		
STD OXC109	Standard																				
STD SP49	Standard																				
STD W107	Standard																				
STD OXC109 Expected																					
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02		
STD OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.32	0.02	0.053			0.072	0.044	78	0.6	11.7	0.07		
STD W107 Expected																					
STD GC-7 Expected																				10.44	22.06
STD OREAS133B Expected																				5.07	11.12
STD AGPROOF Expected																					
STD SP49 Expected																					
STD CDN-ME-6 Expected																					
BLK	Blank																				

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QUALITY CONTROL REPORT WHI13000385.1

		Method	7AR	7KP	G6Gr
		Analyte	Ag	W	Ag
		Unit	gm/t	%	gm/t
		MDL	2	0.005	50
Pulp Duplicates					
73602	Rock				
REP 73602	QC				
5272265	Rock			0.228	
REP 5272265	QC			0.222	
5272266	Rock		>300		298
REP 5272266	QC		>300		324
Reference Materials					
STD AGPROOF	Standard				100
STD AMIS0140	Standard			<0.005	
STD CDN-ME-6	Standard				90
STD DS9	Standard				
STD GC-7	Standard		>300		
STD NBLG	Standard			<0.005	
STD OREAS133B	Standard		106		
STD OREAS45EA	Standard				
STD OXC109	Standard				
STD SP49	Standard				54
STD W107	Standard			0.436	
STD OXC109 Expected					
STD DS9 Expected					
STD OREAS45EA Expected					
STD W107 Expected				0.42	
STD GC-7 Expected			619		
STD OREAS133B Expected			104		
STD AGPROOF Expected					94
STD SP49 Expected					60.2
STD CDN-ME-6 Expected					101
BLK	Blank				

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QUALITY CONTROL REPORT WHI13000385.1

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01
BLK	Blank			<0.1	0.2	0.3	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
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		<2	<0.1	4.4	3.6	48	<0.1	4.3	4.2	579	1.95	0.5	0.7	6.4	59	<0.1	<0.1	<0.1	35	0.54
G1-WHI	Prep Blank		<2	0.1	4.2	3.4	50	<0.1	4.1	4.7	557	1.99	<0.5	<0.5	6.0	57	<0.1	<0.1	<0.1	35	0.46

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QUALITY CONTROL REPORT WHI13000385.1

		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2	7AR Pb % 0.01	7AR Zn % 0.01
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2		
BLK	Blank																				
BLK	Blank																			<0.01	<0.01
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	0.087	12	8	0.52	169	0.128	<20	1.01	0.081	0.49	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2		
G1-WHI	Prep Blank	0.084	12	8	0.52	174	0.132	<20	0.93	0.066	0.48	<0.1	<0.01	0.3	<0.05	2.0	<0.5	5	<0.2		

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QUALITY CONTROL REPORT WHI13000385.1

		7AR Ag gm/t 2	7KP W % 0.005	G6Gr Ag gm/t 50
BLK	Blank			
BLK	Blank		<0.005	
BLK	Blank	<2		
BLK	Blank			<50
Prep Wash				
G1-WHI	Prep Blank			
G1-WHI	Prep Blank			

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Bill Mann
19 Hayes Cres.
Whitehorse, YT Y1A 0E1
CANADA

Invoice Date: September 25, 2013
Invoice Number: **VANI177747**
Submitted by: Bill Mann
Job Number: WHI13000385
Order Number:
Project Code: MOD
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	R200-250	Crush and Pulverize 250 g	11	$7.20	$79.20
2	R200-250	Overweight prep charges per 100g	103	$0.08	$8.24
3	GEO2	Group 1DX + Group 3B	11	$27.30	$300.30
4	DIS-PLP	Warehouse handling of pulps	11	$0.10	$1.10
5	DIS-RJT	Warehouse handling of reject	11	$0.25	$2.75
6	7AR1 0.4G	0.4g AR Digestion ICP-ES-Single Eleme	6	$11.15	$66.90
7	7KP1	Phosphoric Acid Digestion-single eleme	2	$13.90	$27.80
8	G612	30g Fire assay gravimetric finish	3	$19.60	$58.80
9	BATCH	Batch Surcharge for <20 samples	1	$50.00	$50.00
			Net Total		$595.09
			Canadian GST		$29.75
			Grand Total	**CAD**	**$624.84**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to: Acme Analytical Laboratories (Vancouver) Ltd., 9050 Shaughnessy St. Vancouver BC, V6P 6E5
Please specify Acme invoice number on cheque remittance.

For **electronic payment**s, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-001
Bank Transit # 10270-016
Swift Code: HKBCCATT

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-070
Bank Transit # 10270-016
Swift Code: HKBCCATT

Please specify Acme invoice number for reference on transfer forms when making payment.
For any enquiries please contact us: AccountReceivable.VAN@acmelab.com