



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **Geochemical and Geophysical Work on the Buck Claim Group**

TOTAL COST: **\$ 360,060.65**

AUTHOR(S): **Anna Andrzejewski, Gwendolen Ditson, Marilyn Moll, Mark Rebagliati**

SIGNATURE(S):

Anna Andrzejewski *Gwendolen Ditson* *Marilyn E. Moll* *Mark Rebagliati*

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **MX-2-219/11-0200110-0929/October 21, 2011**
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **5297352/May3,2012; 5395652/July23,2012**

YEAR OF WORK: **2011-2012**

PROPERTY NAME: **BUCK**

CLAIM NAME(S) (on which work was done): **Bob Creek 2,5-8,10,12-42; Buck 1-55, 57-58, 60-63, 89-92; Gotcha, Gotcha 2; ITUTH 01-22; New Buck; TUTH 01-10,12-17**

COMMODITIES SOUGHT: **Au**

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: **093L 005,006,009,059,202,261,265**

MINING DIVISION: **Omineca**

NTS / BCGS: **93L/1,2,7,8/93L.008,9,16-19,26-29,36-39,48,49**

LATITUDE: **54°16' "**

LONGITUDE: **126°38.4' "** (at centre of work)

UTM Zone: **9**

EASTING: **653,700**

NORTHING: **6,015,800**

OWNER(S): **R. Billingsley, HDRL Holdings Ltd., G. Ditson, K. Jessen**

MAILING ADDRESS: **1500 – 1040 W. Georgia St., Vancouver, B.C. V6E 4H8**

OPERATOR(S) [who paid for the work]: **Quartz Mountain Resources Ltd.**

MAILING ADDRESS: **1500 – 1040 W. Georgia St., Vancouver, B.C. V6E 4H8**

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Lower Jurassic Hazelton Group, Late Cretaceous to Eocene Buck Creek volcanic complex, Late Cretaceous Bulkley Plutonic Suite, Bob Creek gold deposit, quartz feldspar porphyry dykes

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

2367,2318,2335,2427,2726,2971,3011,3258,3519,3766,4190,4762,4807,6283,6304,6477,6484, 6737,6912,7072,7134,7381,7954,8870,8857,10166,9835,10449,10949,11214,11976,12521, 13425,13267,12459,12503,12753,14698,13899,14183,14346,15967,16120,18665,18666,19883, 19889,19229,19879,27423,27716,27458,28770,31290

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	22.5 line-km	See attached list	\$ 112,933.30
Radiometric			
Seismic			
Airborne	3906 line-km	See attached list	\$ 186,757.25
GEOCHEMICAL (number of samples analysed for ...)			
Soil	825	See attached list	\$ 60,370.10
Silt			
Rock			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Total Cost			\$ 360,060.65

Attachment to Assessment Report Title Page and Summary

Tenure numbers on which work was done:

731363, 732782, 732802, 849541-42, 851707-11, 852473, 852475-78, 852480, 853506-17, 855208-17, 855527-29, 855538-92; 855594-600; 856428-37; 856439-49, 856451-61, 856647-48, 856667-68, 856670-72, 935598, 935629, 935695, 935698-701

Soils were collected on the following claims:

851707-08, 852473, 852475, 855214-17, 856428-30, 856433-36

IP Survey on the following claims:

851707-08, 852473, 852475, 855214-16

Aeromagnetic Survey on the following claims:

731363, 732782, 732802, 849541-42, 851707-11, 852473, 852475-78, 852480, 853506-17, 855208-17, 855527-29, 855538-92; 855594-600; 856428-37; 856439-49, 856451-61, 856647-48, 856667-68, 856670-72, 935598, 935629, 935695, 935698-701

BC Geological Survey
Assessment Report
33176a



**Assessment Report on Geochemical and Geophysical Work
on the Buck Claim Group**

Omineca Mining Division

Claims:

Bob Creek 2, 5-8, 10, 12-42; Buck 1-55, 57-58, 60-63, 89-92; Gotcha, Gotcha 2;
ITUTH 01-22; New Buck; TUTH 01-10, 12-17

Tenure Numbers:

731363, 732782, 732802, 849541-42, 851707-11, 852473, 852475-78, 852480, 853506-17,
855208-17, 855527-29, 855538-92; 855594-600; 856428-37; 856439-49, 856451-61, 856647-
48, 856667-68, 856670-72, 935598, 935629, 935695, 935698-701

Owners: R. Billingsley, HDRL Holdings Ltd., G. Ditson, K. Jessen

Operator: Quartz Mountain Resources Ltd.

NTS: 093L/1,2,7,8

BCGS: 093L.016-018, 026-028, 036-038, and 048-049

Work program centred at approximately:

6,015,800 m N and 653,700 m E

UTM NAD 83, Zone 9

or

54°16'N latitude, 126°38.4' W longitude

Authors:

Anna Andrzejewski, B.Sc.

Gwendolen Ditson, M.Sc., P.Geo.

Marilyn Moll, B.S.

Mark Rebagliati, P.Eng.

July 25, 2012

Table of Contents

1.0 SUMMARY	1
2.0 INTRODUCTION	2
3.0 LOCATION AND ACCESS	2
4.0 PHYSIOGRAPHY AND CLIMATE.....	2
5.0 CLAIMS	2
6.0 EXPLORATION HISTORY.....	6
7.0 REGIONAL GEOLOGY	9
7.1 Mineral Occurrences.....	10
8.0 PROPERTY GEOLOGY	11
9.0 GEOCHEMISTRY.....	11
9.1 Approach and Methodology	11
9.2 Results.....	12
10.0 GEOPHYSICS	12
10.1 Airborne magnetic survey.....	12
10.1.2 Interpretation.....	12
10.2 Induced Polarization	13
10.2.1 Approach and Methodology	13
10.2.2 Interpretation.....	14
11.0 CONCLUSIONS AND RECOMMENDATIONS.....	15
12.0 REFERENCES	16
13.0 STATEMENTS OF QUALIFICATIONS	17
14.0 STATEMENT OF COSTS	21

Appendices

APPENDIX A	Analytical Procedures
APPENDIX B	Analytical Certificates
APPENDIX C	Airborne Geophysical Report
APPENDIX D	Induced Polarization Survey Maps and Pseudosections

List of Figures

Figure 1	Property Location	After page 2
Figure 2	Claims	In pocket
Figure 3a	Regional Geology (BCGS 2005).....	After page 9
Figure 3b	Regional Geology Legend.....	After page 9
Figure 4a	West Grid: Sample Locations	In pocket
Figure 4b	West Grid: Zinc in Soi	In pocket
Figure 5a	East Grid: Sample Locations	In pocket
Figure 5b	East Grid: Zinc in Soil	In pocket
Figure 6	Airborne Magnetic Survey Features of Interest	After page 12
Figure 7a	Filtered Chargeability	In pocket
Figure 7b	Filtered Resistivity	In pocket

List of Tables

Table 1.	Claims owned 100% by Richard Billingsley	3
Table 2.	Claims owned 100% by HDRL Holdings Ltd.....	5
Table 3.	Claims owned by Individuals	6
Table 4.	Exploration History.....	6

1.0 SUMMARY

The Buck property is located immediately south of Houston, B.C., on NTS map sheets 93L/1,2,7 and 8. This report covers the results of soil, airborne magnetic and induced polarization surveys performed on claims belonging to the Buck property, conducted during the fall and winter of 2011 and 2012. The property is accessible from secondary roads that traverse the property from Highway 16, or by charter helicopters available in Houston or Smithers. The property covers moderate terrain of the Nechako Plateau physiographic region with a mixed vegetation cover of second growth conifers, aspen and balsam poplar.

The Buck property is comprised of 186 mineral claims held by several individuals and HDRL Holdings Ltd. The property has been explored since the turn of the 20th century when placer gold was discovered on Bob Creek. The principal area of interest and past work has been in and south of Bob Creek, where gold mineralization occurs in altered volcanic rocks.

The property is underlain by Lower Jurassic volcanic arc assemblages overlain by Upper Cretaceous to Tertiary volcanism associated with a large resurgent collapsed caldera referred to as the Buck Creek Volcanic complex or basin. Intrusive rocks are primarily Late Cretaceous to Eocene in age. Mineralization at Bob Creek is associated with a quartz-feldspar porphyry dyke/breccia swarm belonging to the Late Cretaceous Bulkley Plutonic Suite.

Soil sampling conducted in the fall of 2011 covered two separate grids in the northern part of the property. Elevated to weakly anomalous zinc was encountered in the central portion of the west grid. Elevated zinc results were produced at the east end of the east grid.

Airborne magnetics over a large portion of the property revealed four areas of particular interest. The western edge of the Buck Creek caldera is clearly visible as a pronounced north-trending magnetic low that transects the area of mineralization at Bob Creek. Two southeast-trending linear magnetic highs also converge on this area. A second area just north of Parrott Lakes appears to reflect the presence of a large 12 x 6 km caldera with several internal magnetic highs which may be resurgent intrusive centres. A second possible caldera with internal resurgent intrusions occurs northwest of Goosly Lake. A pronounced high contrast magnetic high at Tschigass Lake may represent an intrusion with porphyry copper potential.

The faulted contact between eastern Tertiary and western Cretaceous volcanics is reflected in the induced polarization (IP) results as eastern high resistivity/low chargeability and western variable but higher resistivity and increased chargeability. A zone of high chargeability/high resistivity occurs along the western edge of the survey, and is open to the west. An area of high resistivity occurs at the northwestern corner of the survey. High chargeability associated with this feature is open to the north.

Anomalies delineated by the IP survey warrant drilling to test for epithermal or intrusion related mineralization. Several magnetic features identified in the airborne survey require additional investigation to assess their mineral deposit potential.

2.0 INTRODUCTION

This report documents the results of soil, airborne magnetic and induced polarization surveys performed on claims belonging to the Buck property. The soil survey was conducted by UTM Exploration Services Ltd. between October 17 and November 11, 2011. The airborne geophysical survey was conducted by Geo Data Solutions GDS Inc. between December 8 and 20, 2011. The induced polarization (IP) survey was conducted by Peter E. Walcott & Associates Limited in two stages between December 6 and 18, 2011, and between February 18 and 29, 2012.

3.0 LOCATION AND ACCESS

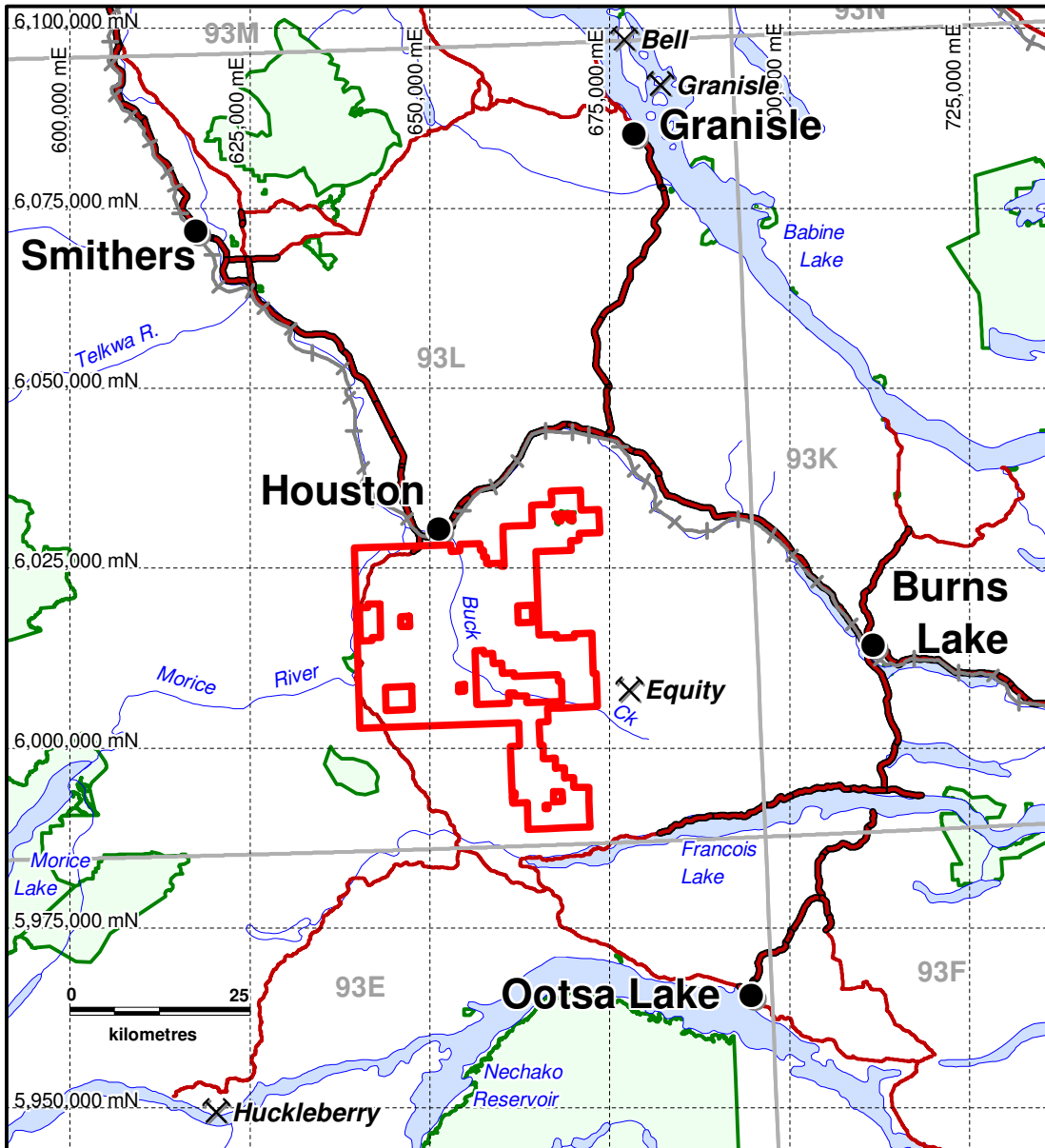
The Buck property is comprised of 186 contiguous mineral claims in the Omineca Mining Division. The centre of the claim block is approximately 15 km south-southeast of Houston, in central British Columbia (Figure 1). The property is centred near coordinates 54°16' North Latitude and 126°38.4' West Longitude, or UTM NAD 83, Zone 9, at 6,015,800 m N and 653,700 m E. The property is easily accessible by the all-weather Buck Flats Road from Houston and by bush roads built to facilitate past logging and mineral exploration operations.

4.0 PHYSIOGRAPHY AND CLIMATE

Topography is moderate in the western and central parts of the property but is more pronounced in eastern portions. Bob Creek canyon and the Buck Creek valley trend north-south through the property, and dominate the topography of the area. Elevations range from about 650 m ASL along Buck Creek at the north edge of the property to over 1,500 m ASL in the eastern part of the area that is underlain by Tertiary volcanics. The claims are heavily forested by predominant lodgepole pine and spruce, with lesser white spruce, fir, aspen and balsam poplar. Clearcuts from historical logging operations occur in the eastern and southern sectors of the property. Current logging operations intersect a small portion of the eastern claim boundary. Climate is typical of the Babine region with mild to warm summers which average 14.5°C, and cold winters with an average temperature of -12.7°C and snow accumulation from early November until late April which averages 164 cm/year (BC Adventure website, 2012).

5.0 CLAIMS

The Buck property is comprised of 186 contiguous mineral claims in the Omineca Mining Division which total approximately 77,824 hectares (Tables 1,2 and 3 and Figure 2). The majority of the claims are held by Richard Billingsley, with whom Quartz Mountain Resources



	<p>Paved road</p> <p>Gravel road</p> <p>Railway</p> <p>Claim boundary</p> <p>Park</p>	
<p>HDI QUARTZ MOUNTAIN</p> <p>BUCK</p> <p>Property Location</p>		
<p>NTS: 93L/1,2,7,8</p>		<p>Scale: 1 : 1,000,000</p>
<p>Date: July 16, 2012</p>		<p>Plotted by : GMD</p>
<p>BUCK_AR_LocoMap_July1612.WOR UTM NAD83, Zone 9</p>		<p>Figure: 1</p>

Ltd. has an option agreement . HDRL Holdings Ltd. holds an additional 40 claims, and 10 claims are held by individuals as listed in Table 3.

Table 1. Claims owned 100% by Richard Billingsley

Tenure No.	Name	Work	Issue Date	Expiry Date*	Area (ha)
731363	BOB CREEK 2	x	20-Mar-10	1-Aug-13	301.916
732782	GOTCHA	x	22-Mar-10	1-Aug-13	113.229
732802	GOTCHA 2	x	22-Mar-10	1-Aug-13	113.262
849541	BOB CREEK 7	x	21-Mar-11	1-Aug-13	56.6052
849542	BOB CREEK 8	x	21-Mar-11	1-Aug-13	169.926
851707	BOB CREEK 10	x	14-Apr-11	1-Aug-13	452.722
851708	BOB CREEK 12	x	14-Apr-11	1-Aug-13	452.716
851709	BOB CREEK 13	x	14-Apr-11	1-Aug-13	452.999
851710	BOB CREEK 14	x	14-Apr-11	1-Aug-13	453.257
851711	BOB CREEK 15	x	14-Apr-11	1-Aug-13	453.247
852473	BOB CREEK 16	x	25-Apr-11	1-Aug-13	452.525
852475	BOB CREEK 17	x	25-Apr-11	1-Aug-13	452.517
852476	BOB CREEK 18	x	25-Apr-11	1-Aug-13	453.43
852477	BOB CREEK 19	x	25-Apr-11	1-Aug-13	453.421
852478	BOB CREEK 20	x	25-Apr-11	1-Aug-13	452.914
852480	BOB CREEK 21	x	25-Apr-11	1-Aug-13	453.244
853506	BOB CREEK 22	x	4-May-11	1-Aug-13	453.596
853507	BOB CREEK 23	x	4-May-11	1-Aug-13	453.592
853508	BOB CREEK 24	x	4-May-11	1-Aug-13	453.777
853509	BOB CREEK 25	x	4-May-11	1-Aug-13	453.777
853510	BOB CREEK 26	x	4-May-11	1-Aug-13	453.958
853511	BOB CREEK 27	x	4-May-11	1-Aug-13	378.294
853512	BOB CREEK 28	x	4-May-11	1-Aug-13	454.098
853513	BOB CREEK 29	x	4-May-11	1-Aug-13	453.501
853514	BOB CREEK 30	x	4-May-11	1-Aug-13	453.744
853515	BOB CREEK 31	x	4-May-11	1-Aug-13	453.996
853516	BOB CREEK 32	x	4-May-11	1-Aug-13	452.758
853517	BOB CREEK 33	x	4-May-11	1-Aug-13	150.834
855208	BOB CREEK 34	x	18-May-11	1-Aug-13	452.341
855209	BOB CREEK 35	x	18-May-11	1-Aug-13	452.364
855210	BOB CREEK 36	x	18-May-11	1-Aug-13	452.523
855211	BOB CREEK 37	x	18-May-11	1-Aug-13	452.551
855212	BOB CREEK 38	x	18-May-11	1-Aug-13	452.702
855213	BOB CREEK 39	x	18-May-11	1-Aug-13	452.736
855214	BOB CREEK 40	x	18-May-11	1-Aug-13	452.359
855215	BOB CREEK 41	x	18-May-11	1-Aug-13	452.34
855216	BOB CREEK 42	x	18-May-11	1-Aug-13	452.339
855217	BOB CREEK 42	x	18-May-11	1-Aug-13	471.256
855388	BOB CREEK 43		22-May-11	1-Aug-13	188.446
855389	BOB CREEK 44		22-May-11	1-Aug-13	452.671
855390	BOB CREEK 45		22-May-11	1-Aug-13	452.945
855391	BOB CREEK 46		22-May-11	1-Aug-13	453.214
855392	BOB CREEK 47		22-May-11	1-Aug-13	321.187
855527	NEW BUCK	x	24-May-11	1-Aug-13	150.97
855528	BOB CREEK 5	x	24-May-11	1-Aug-13	226.523
855529	BOB CREEK 6	x	24-May-11	1-Aug-13	226.511
855538	BUCK 1	x	25-May-11	1-Aug-13	452.063
855539	BUCK 2	x	25-May-11	1-Aug-13	452.112
855540	BUCK 3	x	25-May-11	1-Aug-13	452.158
855541	BUCK 4	x	25-May-11	1-Aug-13	452.178
855542	BUCK 5	x	25-May-11	1-Aug-13	452.174
855543	BUCK 6	x	25-May-11	1-Aug-13	414.5
855544	BUCK 7	x	25-May-11	1-Aug-13	414.484
855545	BUCK 8	x	25-May-11	1-Aug-13	452.248

Tenure No.	Name	Work	Issue Date	Expiry Date*	Area (ha)
855546	BUCK 9	x	25-May-11	1-Aug-13	452.293
855547	BUCK 10	x	25-May-11	1-Aug-13	452.449
855548	BUCK 11	x	25-May-11	1-Aug-13	452.482
855549	BUCK 12	x	25-May-11	1-Aug-13	452.678
855550	BUCK 13	x	25-May-11	1-Aug-13	452.686
855551	BUCK 14	x	25-May-11	1-Aug-13	452.823
855552	BUCK 15	x	25-May-11	1-Aug-13	472.112
855553	BUCK 16	x	25-May-11	1-Aug-13	453.042
855554	BUCK 17	x	25-May-11	1-Aug-13	453.296
855555	BUCK 18	x	25-May-11	1-Aug-13	453.477
855556	BUCK 19	x	25-May-11	1-Aug-13	453.476
855557	BUCK 20	x	25-May-11	1-Aug-13	453.663
855558	BUCK 21	x	25-May-11	1-Aug-13	453.654
855559	BUCK 22	x	25-May-11	1-Aug-13	453.849
855560	BUCK 23	x	25-May-11	1-Aug-13	453.836
855561	BUCK 24	x	25-May-11	1-Aug-13	454.036
855562	BUCK 25	x	25-May-11	1-Aug-13	454.112
855563	BUCK 26	x	25-May-11	1-Aug-13	454.222
855564	BUCK 27	x	25-May-11	1-Aug-13	454.456
855565	BUCK 28	x	25-May-11	1-Aug-13	227.219
855566	BUCK 29	x	25-May-11	1-Aug-13	452.88
855567	BUCK 30	x	25-May-11	1-Aug-13	452.917
855568	BUCK 31	x	25-May-11	1-Aug-13	283.148
855569	BUCK 32	x	25-May-11	1-Aug-13	453.097
855570	BUCK 33	x	25-May-11	1-Aug-13	453.213
855571	BUCK 34	x	25-May-11	1-Aug-13	453.327
855572	BUCK 35	x	25-May-11	1-Aug-13	453.368
855573	BUCK 36	x	25-May-11	1-Aug-13	453.486
855574	BUCK 37	x	25-May-11	1-Aug-13	453.526
855575	BUCK 38	x	25-May-11	1-Aug-13	453.657
855576	BUCK 39	x	25-May-11	1-Aug-13	453.688
855577	BUCK 40	x	25-May-11	1-Aug-13	453.835
855578	BUCK 41	x	25-May-11	1-Aug-13	453.856
855579	BUCK 42	x	25-May-11	1-Aug-13	454.024
855580	BUCK 43	x	25-May-11	1-Aug-13	454.191
855581	BUCK 44	x	25-May-11	1-Aug-13	378.666
855582	BUCK 45	x	25-May-11	1-Aug-13	473.318
855583	BUCK 46	x	25-May-11	1-Aug-13	454.397
855584	BUCK 47	x	25-May-11	1-Aug-13	454.21
855585	BUCK 48	x	25-May-11	1-Aug-13	454.394
855586	BUCK 49	x	25-May-11	1-Aug-13	454.236
855587	BUCK 50	x	25-May-11	1-Aug-13	454.419
855588	BUCK 51	x	25-May-11	1-Aug-13	302.827
855589	BUCK 52	x	25-May-11	1-Aug-13	302.947
855590	BUCK 53	x	25-May-11	1-Aug-13	454.382
855591	BUCK 54	x	25-May-11	1-Aug-13	454.391
855592	BUCK 55	x	25-May-11	1-Aug-13	454.393
855593	BUCK 56		25-May-11	1-Aug-13	264.955
855594	BUCK 57	x	25-May-11	1-Aug-13	454.394
855595	BUCK 58	x	25-May-11	1-Aug-13	454.399
855596	BUCK 29	x	25-May-11	1-Aug-13	454.399
855597	BUCK 60	x	25-May-11	1-Aug-13	189.298
855598	BUCK 61	x	25-May-11	1-Aug-13	471.166
855599	BUCK 62	x	25-May-11	1-Aug-13	471.162
855600	BUCK 63	x	25-May-11	1-Aug-13	94.2321
855601	BUCK 64		25-May-11	1-Aug-13	452.524
855602	BUCK 65		25-May-11	1-Aug-13	452.526
855603	BUCK 66		25-May-11	1-Aug-13	452.526
855604	BUCK 67		25-May-11	1-Aug-13	452.727
855605	BUCK 68		25-May-11	1-Aug-13	452.725
855606	BUCK 69		25-May-11	1-Aug-13	452.728

Tenure No.	Name	Work	Issue Date	Expiry Date*	Area (ha)
855607	BUCK 70		25-May-11	1-Aug-13	452.91
855608	BUCK 71		25-May-11	1-Aug-13	452.885
855609	BUCK 72		25-May-11	1-Aug-13	415.226
855610	BUCK 73		25-May-11	1-Aug-13	453.093
855611	BUCK 74		25-May-11	1-Aug-13	471.945
855612	BUCK 75		25-May-11	1-Aug-13	453.276
855613	BUCK 76		25-May-11	1-Aug-13	453.273
855614	BUCK 77		25-May-11	1-Aug-13	453.278
855615	BUCK 78		25-May-11	1-Aug-13	453.456
855616	BUCK 79		25-May-11	1-Aug-13	453.454
855617	BUCK 80		25-May-11	1-Aug-13	453.46
855618	BUCK 81		25-May-11	1-Aug-13	453.465
855619	BUCK 82		25-May-11	1-Aug-13	340.217
855620	BUCK 83		25-May-11	1-Aug-13	453.632
855621	BUCK 84		25-May-11	1-Aug-13	453.638
855622	BUCK 85		25-May-11	1-Aug-13	453.639
855623	BUCK 86		25-May-11	1-Aug-13	453.801
855624	BUCK 87		25-May-11	1-Aug-13	453.818
855625	BUCK 88		25-May-11	1-Aug-13	453.819
935598	BUCK 89	x	1-Dec-11	22-Jun-13	416.045
935629	BUCK 90	x	1-Dec-11	22-Jun-13	454.175
Total					56,869

*upon acceptance of this report

Table 2. Claims owned 100% by HDRL Holdings Ltd.

Tenure No.	Name	Work	Issue Date	Expiry Date*	Area (ha)
856428	TUTH 01	x	8-Jun-11	1-Aug-13	470.918
856429	TUTH 02	x	8-Jun-11	1-Aug-13	451.901
856430	TUTH 03	x	8-Jun-11	1-Aug-13	470.924
856431	TUTH 04	x	8-Jun-11	1-Aug-13	376.716
856432	TUTH 05	x	8-Jun-11	1-Aug-13	451.91
856433	TUTH 06	x	8-Jun-11	1-Aug-13	357.702
856434	TUTH 07	x	8-Jun-11	1-Aug-13	395.418
856435	TUTH 08	x	8-Jun-11	1-Aug-13	470.928
856436	TUTH 09	x	8-Jun-11	1-Aug-13	376.748
856437	TUTH 10	x	8-Jun-11	1-Aug-13	169.47
856438	TUTH 11		8-Jun-11	1-Aug-13	282.417
856439	TUTH 12	x	8-Jun-11	1-Aug-13	432.916
856440	TUTH 13	x	8-Jun-11	1-Aug-13	263.471
856441	ITUTH 01	x	8-Jun-11	1-Aug-13	455.731
856442	ITUTH 02	x	8-Jun-11	1-Aug-13	474.482
856443	ITUTH 03	x	8-Jun-11	1-Aug-13	398.547
856444	ITUTH 04	x	8-Jun-11	1-Aug-13	474.716
856445	ITUTH 05	x	8-Jun-11	1-Aug-13	455.707
856446	ITUTH 06	x	8-Jun-11	1-Aug-13	474.498
856447	ITUTH 07	x	8-Jun-11	1-Aug-13	455.344
856448	ITUTH 08	x	8-Jun-11	1-Aug-13	417.48
856449	ITUTH 09	x	8-Jun-11	1-Aug-13	474.155
856451	ITUTH 10	x	8-Jun-11	1-Aug-13	474.153
856452	ITUTH 11	x	8-Jun-11	1-Aug-13	379.492
856453	ITUTH 12	x	8-Jun-11	1-Aug-13	379.627
856454	ITUTH 13	x	8-Jun-11	1-Aug-13	474.714
856455	ITUTH 14	x	8-Jun-11	1-Aug-13	455.91
856456	ITUTH 15	x	8-Jun-11	1-Aug-13	455.887
856457	ITUTH 16	x	8-Jun-11	1-Aug-13	398.918
856458	ITUTH 17	x	8-Jun-11	1-Aug-13	455.235
856459	ITUTH 18	x	8-Jun-11	1-Aug-13	379.239
856460	ITUTH 19	x	8-Jun-11	1-Aug-13	454.939

Tenure No.	Name	Work	Issue Date	Expiry Date*	Area (ha)
856461	ITUTH 20	x	8-Jun-11	1-Aug-13	473.916
856647	ITUTH 21	x	10-Jun-11	1-Aug-13	473.714
856648	ITUTH 22	x	10-Jun-11	1-Aug-13	454.609
856667	TUTH 14	x	10-Jun-11	1-Aug-13	432.919
856668	TUTH 15	x	10-Jun-11	1-Aug-13	451.529
856670	TUTH 16	x	10-Jun-11	1-Aug-13	470.381
856671	TUTH 17	x	10-Jun-11	1-Aug-13	338.777
856672	ITUTH 18	x	10-Jun-11	1-Aug-13	451.485
Total					16,908

*upon acceptance of this report

Table 3. Claims owned by Individuals

Tenure No.	Name	Owner	Work	Issue Date	Expiry Date*	Area (ha)
935597	BUCK 95	Gwendolen Ditson		1-Dec-11	22-Jun-13	453.499
935609	BUCK 98	Katrina Jessen		1-Dec-11	22-Jun-13	453.452
935690	BUCK 97	Katrina Jessen		1-Dec-11	22-Jun-13	453.628
935691	BUCK 94	Gwendolen Ditson		1-Dec-11	22-Jun-13	415.865
935694	BUCK 96	Katrina Jessen		1-Dec-11	22-Jun-13	453.81
935695	BUCK 92	Gwendolen Ditson	x	1-Dec-11	22-Jun-13	472.968
935698	BUCK 91	Gwendolen Ditson	x	1-Dec-11	22-Jun-13	416.433
935699	BUCK 89	Gwendolen Ditson	x	1-Dec-11	22-Jun-13	397.223
935700	BUCK 92	Gwendolen Ditson	x	1-Dec-11	22-Jun-13	227.065
935701	BUCK 90	Gwendolen Ditson	x	1-Dec-11	22-Jun-13	302.753
Total					4,047	

*upon acceptance of this report

6.0 EXPLORATION HISTORY

Prospecting, mineral exploration and mining activities have been underway throughout the Smithers-Houston area of British Columbia since the early 1900's. The first recorded work on the Buck claims was mentioned in the 1905 Minister of Mines Annual Report which reports that some placer gold mining was done without yielding any very great returns "a number of years ago." The exploration history of the Buck property as recorded in assessment reports is summarized in Table 4 below.

Table 4. Exploration History

ARIS	Year	Company	Target Area	Work Done	Comments
2367	1969	Nadina Explorations	Bob Creek	magnetometer	Survey helped to delineate geological units.
2318	1969	Iskut Silver Mines	Goosly Lake	soils	Elevated coincident Cu and Zn values in southeast corner of claims
2335	1969	Orequest	Goosly Lake	soils	Two small areas of possibly anomalous Cu.
2427	1969	Orequest	IRK	soils	Cu, Zn and Pb anomalies
2726	1970	Mark V. Mines	Goosly Lake	soils	Poor results. Property entirely covered by overburden.

ARIS	Year	Company	Target Area	Work Done	Comments
2971	1970	Orequest	Goosly Lake	geology, soils, 2 PDH, 9 trenches	Widespread Zn enrichment, but no Cu anomalies. Over 10 ft of boulder clay in trenches. No anomalous metals in drill holes.
3011	1970	Iskut Silver Mines	Goosly Lake	magnetometer	A weak north-northeast trending magnetic high is at a right angle to soil anomaly.
3258	1970-71	Kenngo Explorations	Tsichgass Lake	geology, soils, silts, rocks	Diorite and volcanics are possibly coeval. Weak zeolite-carbonate-fluorite-Hg alteration. One mineralized float boulder, and one high Mo in silt. Soils uniformly low.
3519	1971	Coin Canyon Mines	Tsichgass Lake	soils	A coincident Zn-Cu anomaly is over 2 km long, but there are no outcrops in the area of the anomaly.
3766	1972	Solomon Development	IRK	IP, SP	Two zones of high resistivity correlate with thin, 400 ft deep weak-moderately anomalous chargeability zone.
4190	1972	Solomon Development	IRK	geology, soils	Gently west-dipping Hazelton volcanics probably contain a Zn-enriched tuffaceous bed, but no mineralization observed.
4762	1973	Cities Service Minerals	Northeast	geology, soils	Eocene-Mesozoic basalt, andesite and rhyolite are present. Significant copper and zinc soil anomalies also occur.
4807	1973	Maharaja Minerals	West	soils, silts, magnetometer	No significant mag anomalies. Neither Mo nor Cu produced anomalies.
6283	1976	Asarco	IRK	soils	Strongly anomalous Zn, Moderate Ag, and weak Cu in areas of no outcrops.
6304	1977	Nevin Sadlier-Brown	Bob Creek	geology, soils	Coincident Zn, Cu, Ag and Pb soil anomalies are present southwest of mineralized outcrops.
6477	1977	Asarco	IRK	soils	No significant anomalies. Area covered by thick glaciofluvial deposits.
6484	1977	Nevin Sadlier-Brown	Bob Creek	IP, SP	An anomalous zone is coincident with large previously reported soil anomaly.
6737	1978	Du Pont of Canada	Bob Creek	pulse EM	Several poor conductors present. One was previously drilled into graphite
6912	1978	Du Pont of Canada	Bob Creek	6 DDH	No economic mineralization encountered.
7072	1978	Asarco	IRK	soils	Several coincident Zn,Cu,Pb,Ag anomalies.
7134	1978	Placer Development	West	soils, silts	Three scattered small Ag anomalies in soil. One of 6 silts had 2.1 ppm Ag. One rock sample with 0.34% Cu and 72 g/t Ag.
7381	1979	Asarco	IRK	soils	A large Zn-Pb-Ag anomaly is present.
7954	1979	Asarco	IRK	IP, 7 DDH	A very weak chargeability high occurs within a resistivity high. Seven percussion drill holes, two of which returned significant anomalous Pb, Zn and locally Ag results. Pyrite was the only sulphide observed.
8870	1980	Placer Development	Northeast	soils	Soils not encouraging, but some Cu zones > 50 ppm. Most anomalous values are discrete single points that coincide with outcrops or organic material.
8857	1980	Placer Development	IRK	soils	Some coincident Zn and Cu anomalies are present.
10166	1981	Cominco Limited	Bob Creek	geology, soils, silts, IP, magnetometer	Known mineralization is spatially associated with a dome of predominantly felsic-intermediate volcanics and is accompanied by locally intense sericite, Kf, and possible ankerite. A circular chargeability high correlates with a resistivity high and a magnetic depression.
9835	1981	Cominco and M. Tavela	Tsichgass Lake	geology, soils, rocks	Silicified breccia and glassy andesite dyke are in contact with diorite. Fine clastics occur further from diorite. Pyrite is ubiquitous, and carbonate, quartz, and tourmaline were also observed. Tourmaline-sericite-quartz is main breccia alteration. Some slightly elevated Pb-Zn-Ag in rocks (max. 850-709-2.1). No anomalous soils.

ARIS	Year	Company	Target Area	Work Done	Comments
10449	1982	Asarco	IRK	magnetometer, VLF	Four conductors present. Magnetometer shows two northerly linear highs.
10949	1982	Asarco	IRK	soils	Thirty-five backhoe pits show enriched Cu-Ag(-Zn) in west, and Pb-Zn(-Mo-As-Cd) in east. Calcareous arkose with pyrite, galena and sphalerite encountered in 4 pits.
11214	1982	Noranda	Goosly Lake	HLEM	Two possible low conductivity sources are low priority targets.
11976	1983	Selco Division - BP Resources	Bob Creek	geology, soils, 10 DDH	Large, intense hydrothermal alteration with geochemically enhanced Au, Ag and Zn (with As, Sb, Hg) has been confirmed with drilling.
12521	1984	Selco Division - BP Resources	Bob Creek	soils	Two zones with coincident Au, Zn, As, Pb and Cu anomalies are present.
13425	1984	Selco Division - BP Resources	Bob Creek	8 DDH	A Au-Ag zone identified in 83-13. Continued exploration recommended.
13267	1984	Equity Silver Mines Limited	West	soils	Only Cu and Zn show anomalies; three low-grade zones defined.
12459	1984	Geotronics Surveys	Tsichgass Lake	magnetometer, VLF	Other than some northwesterly lineations, no exceptional structures or magnetic bodies observed.
12503	1984	Asarco	IRK	geology, soils, VLF	Carbonate and barite occur in northerly shears and breccia zones with pyrite and minor tetrahedrite and chalcopyrite.
12753	1984	Asarco	IRK	trenches	Thirty-six trenches in areas of mineralized float and significant VLF-EM anomalies - half reached bedrock. Red andesite tuff/breccia, rhyolite-dacite flows with quartz veinlets and pyrite or silica flooding, and syenomonzonitic plug/dyke present.
14698	1985	Selco Division - BP Resources	Bob Creek	soils, rocks, 22 DDH, trenches	Four soil anomalies defined in main area. Grids west of main area had no anomalies. Trenching and drilling further defined three Au zones identified in 1984. Mineralization result of syn- to slightly post-QFP hydrothermal fluids.
13899	1985	Noranda	Goosly Lake	soils	The only potential target area into rocks underlying Tertiary basalts is in valley bottom where there is thick overburden.
14183	1985	Normine Resources	Goosly Lake	IP, magnetometer, VLF	Two small chargeability anomalies present on the West grid.
14346	1985	Normine Resources	Goosly Lake	soils, IP, magnetometer, VLF	One small weak but well-defined chargeability in the West grid. Anomalous Pb and As with widespread Zn and high background Ag in soils.
15967	1986	Normine/Bema Industries	Goosly Lake	soils, 24 PDH	Those holes that hit bedrock encountered altered pyritic tuff with elevated As,Pb,Sb,Zn,Au,and Ag.
16120	1986	Equity Silver	Goosly Lake	soils	Some weakly anomalous Zn, Pb and Sb; no anomalous Cu, Ag, Au, or As.
18666	1988	Noramco Explorations	Bob Creek	1 DDH	Epithermal mineralization consists of pyrite, marcasite, sphalerite, and galena with abundant grey quartz veinlets and patches.
18665, 19883, 19889	1989	Noramco Explorations	Bob Creek	10 DDH	Scattered anomalous Au, Cu, Pb, Zn, Ag and As occur in all DHs. The large mineralized complex appears in part related to intrusion of dyke and sill-like masses of feldspar and QFP, and related development of intrusion breccias.
19229	1989	OreQuest Consultants	Bob Creek	IP	Successfully extended existing anomaly an additional 600 m. East-west control probably present
19879	1990	Noramco Explorations	Bob Creek	1 DDH	Ag, Zn, Cu, Pb and As are elevated to anomalous. 30% of hole is QFP dykes with 2-4% pyrite.
27423	2003	Dahrouge Geological	Bob Creek	geology	Dacite flows, flow breccias and tuffs are interpreted as part of a sub-aerial flow-dome complex.
27716	2004	Dahrouge Geological	Bob Creek	IP, magnetometer, 5 DDH	One drill hole in Canyon Zone expanded low grade mineralization. Three holes in South Zone had poor results.

ARIS	Year	Company	Target Area	Work Done	Comments
27458	2004	Amarc Resources Ltd.	Bob Creek	soils, IP	Two IP anomalies occur in areas of uncertain overburden thickness where soil sampling was inconclusive.
28770	2006	John Wesley Moll	Tsichgass Lake	geology	Prospecting. Kasalka volcanics?
31290	2009	John Wesley Moll	Tsichgass Lake	1 DDH	Pyritic clay-altered porphyritic andesite, brecciated rhyolite, and QFP of Kasalka Group.

7.0 REGIONAL GEOLOGY

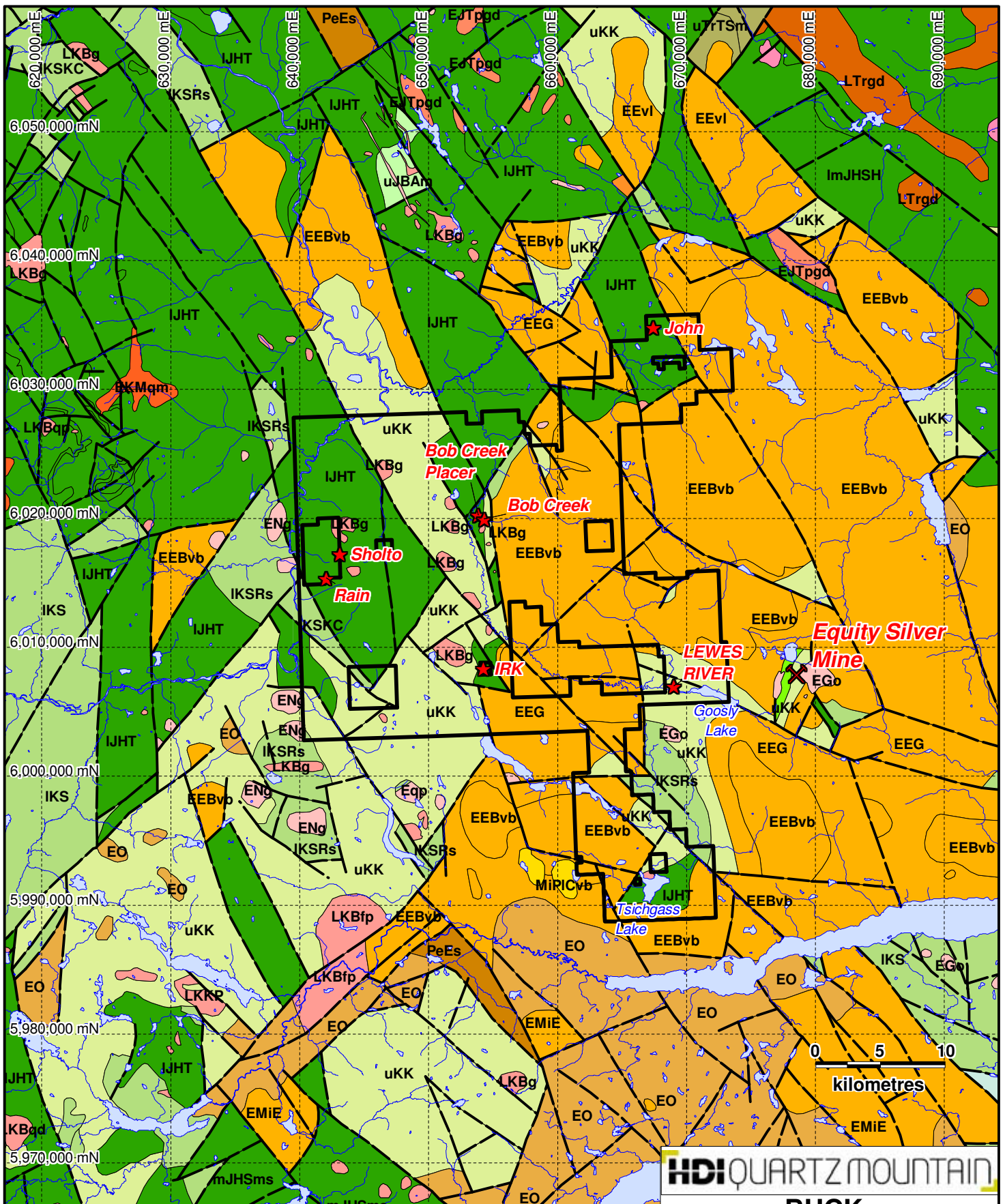
The Buck property lies within the Stikine Terrane of central British Columbia. The principal stratigraphic units in the Buck region are volcanic arc assemblages comprised of Lower Jurassic subaerial volcanics of the Hazelton Group (Telkwa Formation), and Upper Cretaceous andesitic volcanics of the Kasalka Group (Figure 3a). Less extensive Mesozoic sedimentary sequences present include fine clastic sedimentary rocks of the Upper Jurassic Bowser Group, fluvial sediments of the Lower Cretaceous Skeena Group, and mixed sediments of the Upper Cretaceous to Eocene Sustut Group.

Tertiary stratigraphy is dominated by Eocene volcanism of the Endako and Nechako Plateau groups. Coarse volcanoclastic and pyroclastic rocks of the Endako Formation, andesite and trachyandesite lavas, breccias, sills and stocks of the Goosly Lake Formation, and aphanitic andesite, basalt and minor dacite flows of the Buck Creek Formation are also present.

Eocene volcanics dominate the eastern third of the Buck property. Church (1985) suggested that these volcanics were deposited in a large resurgent collapsed caldera. Equity Mine occurs in the approximate centre of this caldera, and gold mineralization at Bob Creek lies along its western edge.

Intrusive rocks span Late Triassic to Eocene periods, but Late Cretaceous to Eocene bodies are most abundant. Intrusions associated with mineralization on the Buck property are correlated with the Late Cretaceous Bulkley Plutonic Suite. Many of these intrusions are believed to be feeders for Late Cretaceous to Eocene volcanics in the area (Church and Barakso, 1990; Dostal, et al., 2005).

The caldera structure introduced by Church is referred to by later authors (Dostal, et al., 2005) as the Buck Creek complex or basin. The caldera is described as a block-faulted depression where extensional faulting was broadly coincident with volcanism. The basement of the basin is comprised of greenschist-facies Hazelton and Skeena groups. Volcanism of the Buck Creek Volcanic complex began with extrusion of Cretaceous calc-alkaline volcanics of the Tip Top Hill Formation. These volcanics were fed from several hypabyssal stocks and dykes of the Bulkley intrusions which are known to be spatially and genetically related to porphyry copper-molybdenum deposits off the property (Carter, 1976). The Tip Top Hill Formation volcanics are



Legend on Figure 3b

HDI QUARTZ MOUNTAIN


BUCK

Regional Geology (BCGS 2005)


NTS: 93L/1-3,6-11 85E/14-16	Scale: 1 : 400,000
Date: June 27, 2012	Plotted by : AGA, GMD
BUCK_AR_RegGeologyBCGS_May0812.WOR UTM NAD83, Zone 9	Figure: 3a

STRATIGRAPHIC UNITS

MIOCENE TO PLEISTOCENE

 **MiPICvb**
Chilcotin Group
Basaltic volcanic rocks


EOCENE

 **EEBvb**
Endako Group - Buck Creek Formation
Aphanitic andesite and basalt flows with minor dacite


EEG
Endako Group - Goosly Lake Formation
Feldspathic andesite and trachyandesite lavas, breccias, sills and stocks

EEvl
Nechako Plateau Group - Endako Formation
Coarse volcanoclastic and pyroclastic volcanic rocks

EMIE
Endako Formation
Massive vesicular and amygdaloidal basalt and andesite, minor breccia and tuff, aphyric to bladed plagioclase porphyritic textures

 **EO**
Ootsa Lake Group
Rhyolite, felsic volcanic rocks


PALEOCENE TO EOCENE

 **PeEs**
Sandstone, siltstone, conglomerate, shale, coal, tuff, tuffaceous siltstone

UPPER CRETACEOUS

 **uKK**
Kasalka Group
Andesitic volcanic rocks


LOWER CRETACEOUS

 **IKS**
Skeena Group
Undifferentiated marine sedimentary rocks, sandstone, siltstone, argillite, chert pebble conglomerate


IKSRs
Skeena Group - Red Rose Formation
Sandstone, siltstone, argillite, chert-pebble conglomerate, mudstone, mainly fluvial, common detrital muscovite

IKSKC
Skeena Group - Kitsuns Creek Formation
Feldspathic and volcanic sandstone, siltstone, shale, polymictic volcanoclastic conglomerate, coal, carbonaceous sediments

UPPER JURASSIC

 **uJBAm**
Bowser Lake Group - Ashman Formation
mudstone, siltstone, shale
fine clastic sedimentary rocks


LOWER JURASSIC

 **IJHT**
Hazelton Group - Telkwa Formation
Subaerial to dacitic feldspar phyric flows, pyroclastic and epiclastic rocks, augite phyric to aphyric basalt, breccia, welded tuff

ImJHSH
Hazelton Group - Saddle Hill Formation
Undivided subaerial to submarine basalt, andesite, dacite and rhyolite flows, tuffs and related volcanoclastic rocks


mJHSms
Hazelton Group - Smithers Formation
Marine, shallow water feldspathic sandstone, siltstone, argillite, wacke, locally glauconitic and limy, minor ash, crystal and lapilli tuff, volcanoclastic, and limestone


UPPER TRIASSIC

 **uTrTsm**
Takla Group - Savage Mountain Formation
Pyroxene, basalt to andesite flows, volcanic breccia and volcanic conglomerate


INTRUSIVE UNITS


EOCENE


 **EGo**
Goosly Plutonic Suite
Monzodioritic to gabbroic intrusive rocks

 **ENg**
Nanika Plutonic Suite
Granite, quartz monzonite, and minor rhyolite intrusive rocks


LATE CRETACEOUS


 **LKBg**
Bulkley Plutonic Suite
Intrusive rocks, undivided.

 **LKBfp**
Bulkley Plutonic Suite
Granite, alkali feldspar granite intrusive rocks


 **LKKP**
Kasalka Plutonic Suite
Granodiorite and microdiorite intrusive rocks

 **LKBgd**
Bulkley Plutonic Suite
Granodioritic intrusive rocks


 **LKBqd**
Bulkley Plutonic Suite
Quartz dioritic intrusive rocks

 **LKBqp**
Bulkley Plutonic Suite
High level quartz phyric, felsitic intrusive rocks

EARLY CRETACEOUS


 **EKMqm**
McCauley Island Plutonic Suite
Quartz monzonitic intrusive rocks

EARLY JURASSIC

 **EJTpgd**
Topley Plutonic Suite
Granodiorite, quartz diorite, diorite, minor granite

LATE TRIASSIC

 **LTrgd**
Granodiorite

 Selected MINFILE occurrences

 Fault

 Claim boundary

HDI QUARTZ MOUNTAIN

BUCK

Regional Geology Legend

Date: June 27, 2012

Plotted by : AGA, GMD

BUCK_AR_RegGeology/BCGS_May0812.WOR
UTM NAD83, Zone 9

Figure: **3b**

similar to the Kasalka Group, occur in a similar tectonic setting, and can probably be correlated with the Kasalka Group as shown on the regional geology map.

7.1 Mineral Occurrences

Mineral occurrences in the region are abundant. The most significant of these is the Equity Silver Mine, where Ag, Cu, and Au were mined from 1980 to 1994. Copper, silver and antimony sulphides and sulphosalts with associated gold occur with advanced argillic alteration as tabular zones grossly conformable to host volcanic rocks. Mineralization may be related to fluid circulation above a developing porphyry system (Cyr, et al., 1984).

Those MINFILE occurrences which occur within the Buck project area include the following (Fig. 3a):

BOB CREEK PLACER (93L 005)

Placer accumulations in Bob Creek are believed to be derived from altered, gossanous rocks exposed further up Bob Creek canyon which are part of the Bob Creek occurrences.

BOB CREEK (93L 009)

Mineralization at Bob Creek is associated with hydrothermally altered Hazelton Group (Tip Top Hill?) volcanics, quartz-feldspar porphyry dykes and breccia. Mineralization occurs in veinlets, stringers and disseminations. Ore minerals observed include galena, sphalerite, pyrite, chalcopryite, marcasite and arsenopyrite.

SHOLTO (93L 202)

Chalcopryite, pyrite and malachite occur with epidote in hornfelsed basalt with intercalated dark grey limestone. A sample collected in 1930 from a chalcopryite seam in limestone returned 1.03 grams per tonne gold, 61.71 grams per tonne silver, and 4.9 per cent copper.

RAIN (93L 006)

A breccia comprised of angular fragments of lithic tuff infilled by quartz hosts pyrite and chalcopryite. Drilling in 1986 encountered trace Au, up to 2.8 g/t Ag, and up to 0.07% Cu.

IRK (93L 265)

Disseminated galena, sphalerite, and pyrite occur in calcareous arkose, and weak chalcopryite and pyrite occur in quartz veinlets within andesitic flows. In 1984, a sample of mineralized andesitic flow returned values of 39.6 grams per tonne silver and 0.277 per cent zinc.

LEWES RIVER (93L 261)

Three alkaline stocks occur along a northeast trend, spaced at about 13 kilometre intervals. The alkaline intrusives range from gabbro to syenomonzonite, and have been investigated for their potential to produce titanium and nepheline syenite.

JOHN (93L 059)

Minor chalcopryite and pyrite in quartz occur as infilling in a fault in basalt.

8.0 PROPERTY GEOLOGY

Geological mapping was not part of the current program, but a summary of historical workers' descriptions of the Bob Creek deposit area is presented herein. The last published detail geological map of the mineralized area was included in Assessment Report 14,698 (Trinder and Rebagliati, 1985). This report describes the result of several years of work by BP Resources Canada Limited – Selco Division. All volcanic rocks were considered to belong to the Babine Shelf Facies of the Telkwa Formation of the Lower Jurassic Hazelton Group. This facies includes andesite flows, tuffs and flow breccias, dacite crystal, lithic and ash tuffs, and intercalated argillite and volcanic-derived sedimentary rocks. Church and Barakso (1990) reported the geology of the same area to be comprised of Hazelton Group volcanics overlain by an assemblage of acid volcanic rocks which are in turn overlain by the Tip Top Hill Formation. Church and Barakso described the acid volcanics as mostly rhyolitic lavas, breccia and tuff which rest unconformably on Hazelton Group rocks. The Tip Top Hill Formation is described as andesitic lavas and pyroclastic rocks. The BCGS (2005) digital geology of British Columbia correlates Church's acid volcanic rocks and the Tip Top Hill Formation with the Upper Cretaceous Kasalka Group. Kasalka Group volcanics overly Hazelton Group rocks in angular unconformity and are cut by Late Cretaceous intrusions (MacIntyre, 1985).

The following description of intrusive rocks and alteration are summarized from Trinder and Rebagliati (1985). Volcanic rocks are intruded by minor Mesozoic rhyolite dykes, diorite/gabbro plugs or dykes, and Upper Cretaceous intrusive dykes and breccias correlated with the Bulkley Plutonic Suite. Upper Cretaceous intrusions at Bob Creek were described as a quartz feldspar porphyry (QFP) dyke-breccia complex. The most abundant alteration at Bob Creek is carbonate with lesser sericite, which are most intense within QFP dykes and breccias and in the rocks at their margins. Disseminated pyrite has a close spatial relationship to carbonate-sericite alteration. Silica is present as chalcedonic microveinlets and associated with sulphide veinlets. Church and Barakso (1990) report that sphalerite and lesser galena and chalcopyrite may occur as disseminations, stringers and in quartz veinlets of apparently random orientation.

9.0 GEOCHEMISTRY

9.1 Approach and Methodology

A total of 825 soil samples were collected on the BUCK property between October 17 and November 11, 2011. Soil sample locations were indicated in the field using flagging tape labeled with unique sample numbers. UTM coordinates were determined for all sample locations with handheld Garmin GPS instruments. Samples were collected on two separate grids, referred to as the East and West grids (Figures 4a and 5a). The West grid consists of 10 lines 1.7 to 5.0 km long. The East grid consists of three lines 3.2 to 7.5 km long. Samples were collected at 50 m separation where possible. Approximately 0.5 kg of sample material from the

B horizon was collected at each site. Samples were shipped to the Acme Analytical laboratory in Vancouver, B. C., where they were dried, sieved and analyzed.

Soil samples were analyzed for 36 elements by Inductively Coupled Plasma - Mass Spectrometry (Appendix A). Results are listed on the Acme Analytical Laboratories Ltd. (Acme) Geochemical Analysis Certificates contained in Appendix B.

9.2 Results

Soil surveys yielded some elevated to weakly anomalous zinc results. The best results (up to 358 ppm) occur on the west grid (Figure 4b) where a cluster of elevated and anomalous zinc values occur in the centre of the grid on lines 6022250N, 6022650N, and 6023050N, in an area approximately 800 x 800 m in size. Line 6030750N on the east grid has some elevated zinc results up to 217 ppm at its east end (Figure 5b).

10.0 GEOPHYSICS

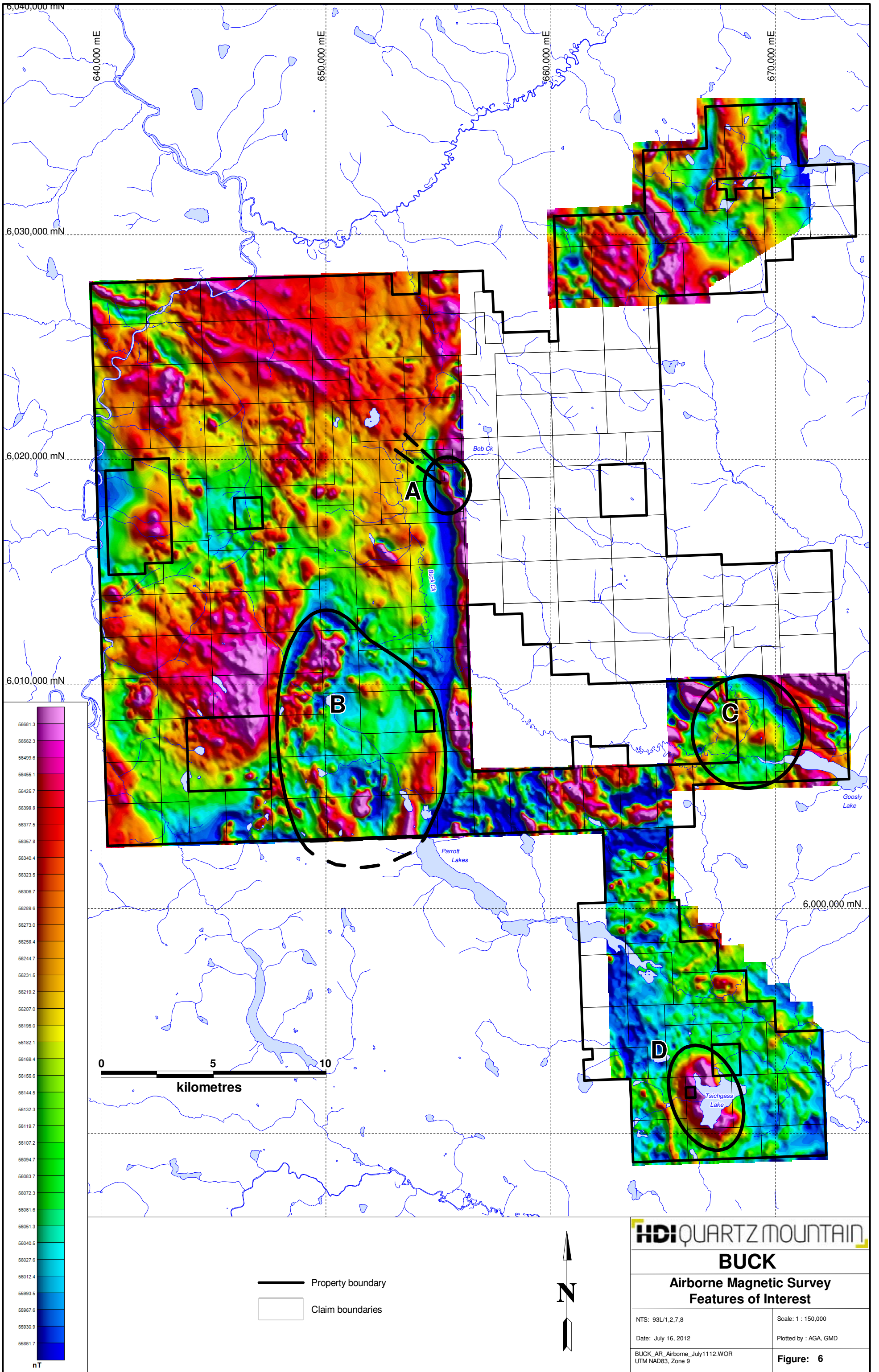
10.1 Airborne magnetic survey

The property was surveyed by Geo Data Solutions GDS Inc. on east-west flight lines spaced at 200 m intervals totaling 3906 line km in two blocks (Buck West and Buck East on Figure 2; Figure 6). The survey was executed from December 8 to 20, 2011. Excluding calibration and test flights, 11 production flights were needed to cover the requested blocks. The final report and maps for this survey are contained in Appendix C.

10.1.2 Interpretation

Near the eastern margin of the Buck West survey area, a pronounced north-trending magnetic low marks the western edge of the Buck Creek Volcanic complex and may reflect the location of a caldera ring fracture (Area A). The projections of two converging southeast-trending positive magnetic lineaments intersect the north-trending magnetic low at the location of the broad hydrothermal alteration zone encompassing the Buck gold deposit (6,019,700N-654,000E). The Buck gold deposit is spatially and likely genetically related to a profusion of Bulkeley age (88-70 ma) feldspar and quartz-feldspar porphyry dykes that have intruded the Hazelton Group (Tip Top Hill?) volcanic rocks at the intersection of the magnetic lineaments described above.

Of particular exploration interest is a 12 km long north-south and 6 km wide east-west oval shaped magnetic feature centered at approximately 6,007,500N-652,000E that may reflect the location of a caldera (Area B). Two internal magnetic highs, near the northern and southern ends of this feature are suggestive of resurgent intrusive centers and warrant investigation. A window through the Buck Creek volcanic complex northwest of Goosly Lake is marked by a circular area of moderate magnetic intensity centered at approximately 6,005,500N-670,000E (Area C). The area is covered by thick overburden and remains substantially underexplored.



HDI QUARTZ MOUNTAIN

BUCK

**Airborne Magnetic Survey
Features of Interest**

NTS: 93L/1,2,7,8	Scale: 1 : 150,000
Date: July 16, 2012	Plotted by : AGA, GMD
BUCK_AR_Airborne_July1112.WOR UTM NAD83, Zone 9	Figure: 6

A pronounced 4 x 2 km high contrast magnetic high at 5,992,000N-667,500E is indicative of an intrusive center which may have porphyry copper potential (Area D). This area warrants further investigation.

10.2 Induced Polarization

A total of 22.5 line-km of induced polarization was surveyed by Peter E. Walcott & Associates on the Buck claims (Figures 7a and 7b). All 22.5 line-km were brushed-out, flagged, chained and tagged at 100 m stations. Original maps and pseudosections are in located in Appendix D. Information on survey specifications has been provided by A. Walcott of Walcott & Associates.

10.2.1 Approach and Methodology

The induced polarization (IP) survey was conducted using a pulse type system, the principal components of which were manufactured by Walcer Geophysics of Emskillen, Ontario, and Instrumentation GDD of St. Foy, Quebec.

The system consists basically of three units, a receiver (GDD), transmitter (Walcer) and a motor generator (Walcer). The transmitter, which provides a maximum of 9 kw d.c. to the ground, obtains its power from a 15 kw 400 c.p.s. three phase alternator driven by a Honda 24 h.p. gasoline engine. The cycling rate of the transmitter is 2 seconds "current-on" and 2 seconds "current-off" with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurements of the current (I) in amperes flowing through the current electrodes C_1 and C_2 , the primary voltages (V) appearing between any two sequential potential electrodes, P_1 through P_{n+1} , during the "current-on" part of the cycle, and the apparent chargeability, (M_a) presented as a direct readout in millivolts per volt using a 200 millisecond delay and a 1000 millisecond sample window by the receiver, a digital receiver controlled by a micro-processor – the sample window is actually the total of twenty individual windows of 50 millisecond widths.

The apparent resistivity (ρ_a) in ohm metres is proportional to the ratio of the primary voltage and the measured current, the proportionality factor depending on the geometry of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth sampled is usually inhomogeneous the calculated apparent chargeability and resistivity are functions of the actual chargeability and resistivity of the rocks.

The survey was carried out using the "pole-dipole" method of surveying. In this method the current electrode, C_1 , and the potential electrodes, P_1 through P_{n+1} , are moved in unison along the survey lines at a spacing of "a" (the dipole) apart, while the second current electrode, C_2 , is kept constant at "infinity". The distance, "na" between C_1 and the nearest potential electrode generally controls the depth to be explored by the particular separation, "n", traverse.

10.2.2 Interpretation

IP survey results are presented in Figures 7a and 7b as filtered chargeability and filtered resistivity, respectively. Pseudosections and Walcott's maps are included in Appendix D.

The most prominent feature of the IP survey results is a pronounced north-south discontinuity separating high resistivity/low chargeability on the east from variable but higher resistivity and increased chargeability to the west. This discontinuity reflects the faulted contact between eastern Tertiary volcanics and older volcanics shown on the regional geology map (Fig. 3a).

The most significant IP chargeability anomaly occurs at the western edge of the grid in the northwest corner of the Bob Creek 12 claim, extending from line 6021850N to line 6023050N. Chargeabilities up to 13.5 mV/V coincide with variable high resistivity. Elevated to anomalous zinc results in soil occur downslope to the east of this anomaly.

A large 1.2 x 1.5 km area of high resistivity occurs at the northwestern edge of the survey, and is open to the north and west. High chargeability coincides with this resistant zone along the most northerly survey line, and may represent a sulphide system associated with siliceous alteration and/or intrusive rocks.

11.0 CONCLUSIONS AND RECOMMENDATIONS

The magnetic features referred to require induced polarization, soil geochemical and geological surveying to assess their mineral deposit potential. The IP chargeability anomalies may reflect epithermal or intrusion associated mineralization and warrant testing by diamond drilling.

12.0 REFERENCES

- BC Adventure Network website, Houston City Information, <http://www.bcadventure.com/adventure/explore/north/cities/houston.htm>, site accessed July 12, 2012.
- Carter, N.C., 1976. Regional setting of porphyry deposits in west-central British Columbia, *In* Porphyry deposits of the northwestern Cordiller of North America. *Edited* by T.G. Schroeter. Canadian Institute of Mining, Metallurgy and Petroleum, Vol. 46, pp. 697-703.
- Church, B.N., 1985. Update on the Geology and Mineralization in the Buck Creek Area, the Equity Mine Revisited, Geological Fieldwork 1984, Paper 1985-1, pp. 174-187.
- Church, B.N., 1986. The Bob Creek Gold-Silver Prospect (93L). British Columbia Geological Survey Geological Fieldwork 1985, Paper 1986-1, pp. 121-124.
- Church, B.N. & Barakso, J.J., 1990. Geology, Lithogeochemistry and Mineralization in the Buck Creek Area, British Columbia. B.C. Ministry of Energy Mines and Petroleum Resources, Mineral Resources Division, Geological Survey Branch, Paper 1990-2, 95 p.
- Cyr, J.B., Pease, R.B., and Schroeter, T.G., 1984. Geology and Mineralization at Equity Silver Mine, Economic Geology, Vol. 79, pp. 947-968.
- Dostal, J., Owen, J.V., Church, B.N., and Hamilton, T.S., 2005. Episodic Volcanism in the Buck Creek Complex (Central British Columbia, Canada): A History of Magmatism and Mantle Evolution from the Jurassic to the Early Tertiary, International Geology Review, Vol. 47, No. 6, pp. 551-572.
- MacIntyre, D.G., 1985. Geology and Mineral Deposits of the Tahtsa Lake District West Central British Columbia. Ministry of Energy, Mines and Petroleum Resources, Bulletin 75, 82 p.
- Trinder, I., and Rebagliati, C.M., 1985. Geology, Geochemistry and Diamond Drilling on the Buck Creek Property Joint Venture. Assessment Report 14,698.

13.0 STATEMENTS OF QUALIFICATIONS

I, **Anna Grace Andrzejewski**, resident of Vancouver, British Columbia, do certify that:

1. I am a graduate of Queen's University with a B.Sc. in Geological Sciences (2010);
2. I have practiced geology in Ontario and in British Columbia since 2007;
3. I am presently employed with Hunter Dickinson Services Inc. as Advisor | Geology;
4. I am an author of this report.

Signed on the 25th day of July, 2012,



Anna Grace Andrzejewski, B.Sc.

I, **Gwendolen May Ditson**, do hereby state that:

1. I am a Compilation Geologist working for Amarc Resources Ltd., with offices located at 1500 – 1040 West Georgia Street, Vancouver, B.C.
2. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, holding License Number 20135.
3. I am a graduate of the University of Southern California (B.S., 1974), and the University of British Columbia (M.Sc., 1978).
4. I have been an exploration geologist since 1976, and have worked in Canada, the United States, Chile, Spain and Mexico.
5. I am an author of this report.

Signed on the 25th day of July, 2012,

A handwritten signature in blue ink, consisting of several overlapping loops and lines, representing the name Gwendolen May Ditson.

Gwendolen May Ditson, M.Sc., P.Geo.

I, **Marilyn Elizabeth Moll**, resident of Vancouver, British Columbia, do certify that:

1. I graduated from the Colorado School of Mines in May 2005 with a B.Sc. in Geological Engineering;
2. From 2003 to present, I have been actively engaged in mineral exploration in Canada and the United States Of America;
3. I am presently employed with Hunter Dickinson Services Inc. as Advisor | Geology;
4. I am an author of this report.

Signed on the 25th day of July, 2012,

Marilyn E. Moll

Marilyn E. Moll, B.Sc.

I, **C. Mark Rebagliati**, P. Eng., of Vancouver, British Columbia, Canada, do hereby state that:

1. I am Executive VP – Exploration at HDI with offices at 15th floor - 1040 W Georgia St, Vancouver, British Columbia, Canada, V6E 4H1.
2. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, holding License Number 8352.
3. I graduated with a B.Sc. in geological engineering from Michigan Technological University, Houghton, Michigan, USA in 1969.
4. I have worked as an exploration geologist for a total of 42 years since my graduation from university.
5. I am an author of this report.

Signed on the 25th day of July, 2012,

A handwritten signature in blue ink, appearing to read 'C. Mark Rebagliati', is written over a light blue horizontal line.

C. Mark Rebagliati, P.Eng.

14.0 STATEMENT OF COSTS

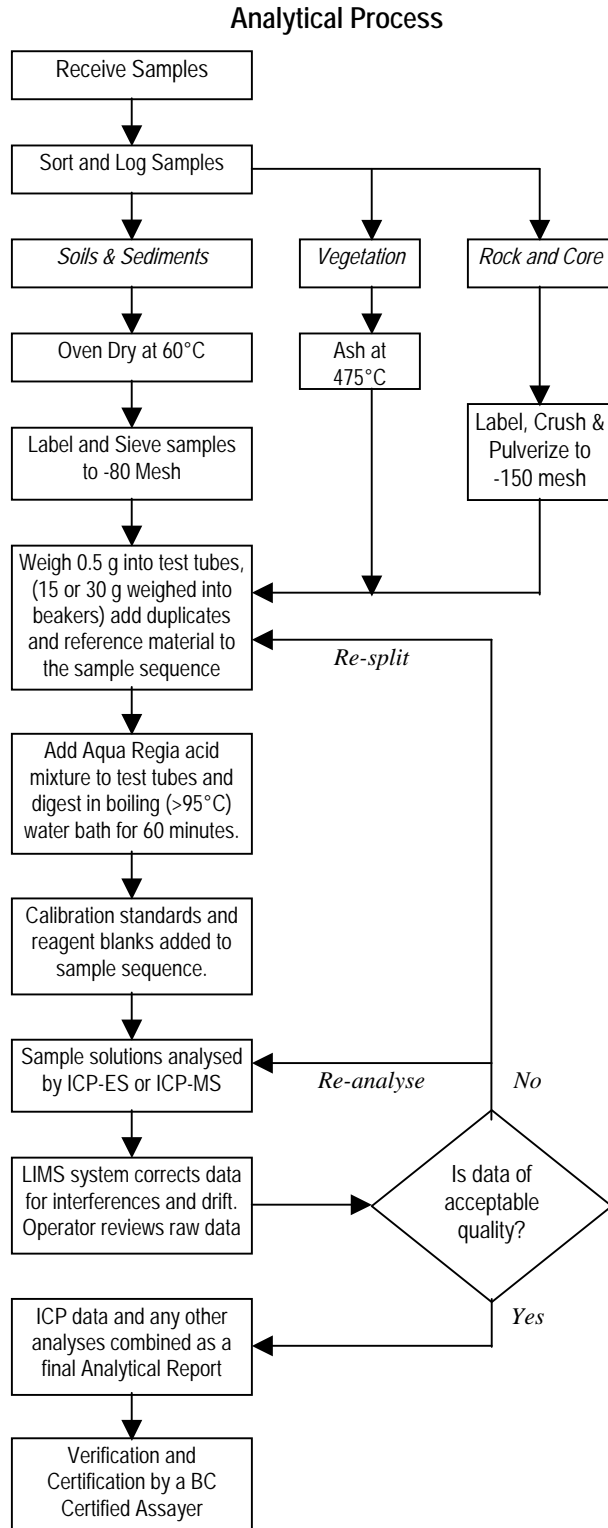
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal	
	man-days:	0.0		\$0.00	\$0.00
Office Studies	List Personnel	Days	Rate	Subtotal	
Project Supervision	Mark Rebagliati	2.0	\$2,160.00	\$4,320.00	
	Robert Cluff	2.5	\$2,160.00	\$5,400.00	
Processing	Romeo Taras	3.0	\$680.00	\$2,040.00	
Report Preparation	Gwendolen Ditson	5.0	\$1,040.00	\$5,200.00	
				\$16,960.00	\$16,960.00
Airborne geophysics		Line-Km	Rate	Subtotal	
Aeromagnetic survey	Geo Data Solutions GDS Inc. Laval, QC (Dec.8-20, 2011)	3906.0	\$42.00	\$164,052.00	
Provision of truck for airborne crew	(supplied by Peter E. Walcott & Assoc)			\$3,408.28	
Mobilization/demobilization				\$10,500.00	
	man-days:	3906.0		\$177,960.28	\$177,960.28
Ground geophysics				Subtotal	
Induced Polarization	Peter E. Walcott & Associates, Vancouver December 6 - 18, 2011			\$ 66,490.94	
	February 18 - 29, 2012			\$ 41,123.52	
				\$ 107,614.46	\$ 107,614.46
Geochemical Surveying		No.	Rate	Subtotal	
Soil sampling	UTM Exploration Services Ltd., Smithers (Oct.17-Nov.11, 2011)			\$40,801.94	
Soil analyses	Acme Labs, Vancouver	825	\$20.14	\$16,615.50	
				\$57,417.44	\$57,417.44
Freight, soil and core samples				Subtotal	
Courier				\$108.47	
Shipping					
				\$108.47	\$108.47
Miscellaneous				Subtotal	
Field Supplies					
Telephone					
				\$0.00	\$0.00
TOTAL Expenditures					\$360,060.65

APPENDIX A

Analytical Procedures



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO₃ and de-mineralised H₂O is added to each sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Jarrel Ash AtomComp 800 or 975 ICP or Spectro Ciros Vision emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Tl, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 33 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD DS6 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga, Marcus Lau, Ken Kwok and Jacky Wang.

APPENDIX B

Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Submitted By: Eric Titley
Receiving Lab: Canada-Vancouver
Received: November 21, 2011
Report Date: December 13, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS

VAN11006374.1

CLIENT JOB INFORMATION

Project: BUCK
Shipment ID:
P.O. Number
Number of Samples: 205

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8
Canada

CC: Mark Rebagliati
Lena Brommeland
hddata

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include methods like Dry at 60C, SS80, RJSV, and 1DX2.

ADDITIONAL COMMENTS



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.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147501	Soil	0.6	18.7	6.2	66	<0.1	32.8	11.8	444	3.19	1.1	1.2	2.6	109	0.1	0.1	0.1	79	0.44	0.173	13
1147502	Soil	0.5	15.8	8.2	91	<0.1	30.4	11.1	368	3.09	0.5	0.8	2.0	72	<0.1	<0.1	0.1	62	0.31	0.264	7
1147503	Soil	0.9	29.6	8.2	133	0.2	31.3	12.4	409	3.55	0.8	1.4	2.5	73	0.2	<0.1	0.1	67	0.39	0.508	14
1147504	Soil	0.8	18.8	7.0	89	<0.1	37.6	15.0	329	3.46	0.8	1.4	2.5	61	<0.1	<0.1	0.1	75	0.29	0.391	7
1147505	Soil	0.6	17.9	7.7	99	0.1	29.1	11.8	479	3.11	<0.5	0.7	2.7	63	0.1	<0.1	<0.1	68	0.31	0.289	13
1147506	Soil	0.6	29.5	8.1	125	<0.1	48.8	18.3	434	4.15	0.6	<0.5	3.0	98	0.1	<0.1	0.1	76	0.44	0.233	17
1147507	Soil	0.7	16.6	6.2	72	<0.1	31.7	11.1	284	3.03	0.6	<0.5	2.6	68	<0.1	<0.1	<0.1	76	0.29	0.199	7
1147508	Soil	0.7	25.9	7.3	71	<0.1	28.7	13.7	637	2.92	3.0	0.8	1.9	99	0.2	0.3	0.1	62	0.55	0.136	15
1147509	Soil	0.6	21.3	6.8	76	<0.1	29.6	12.3	430	3.15	2.7	0.7	2.1	94	0.2	0.3	0.1	65	0.63	0.258	12
1147510	Soil	0.6	22.7	7.9	116	0.1	33.4	13.4	466	3.50	0.9	<0.5	2.2	82	0.1	0.1	0.1	60	0.51	0.447	10
1147511	Soil	0.5	26.6	7.1	73	<0.1	42.0	17.9	681	3.83	2.2	0.8	3.0	135	0.1	0.2	<0.1	86	0.76	0.135	24
1147512	Soil	0.5	18.9	7.0	80	0.2	32.2	12.2	513	3.11	3.5	<0.5	2.1	100	0.2	0.2	<0.1	75	0.58	0.178	13
1147513	Soil	0.6	17.6	8.3	139	0.2	25.8	13.2	1066	2.96	2.4	<0.5	1.6	66	0.5	0.2	0.2	60	0.44	0.166	12
1147514	Soil	0.8	20.7	6.9	101	0.3	31.1	14.0	706	3.08	3.7	0.5	1.0	104	0.7	0.2	0.1	64	0.75	0.118	10
1147515	Soil	0.5	15.5	7.0	55	0.1	24.4	11.3	532	3.05	4.8	<0.5	1.8	79	0.1	0.3	<0.1	73	0.46	0.084	12
1147516	Soil	0.5	18.1	7.5	64	<0.1	23.1	10.9	631	3.10	5.8	1.0	1.1	46	0.1	0.3	0.1	66	0.27	0.051	7
1147517	Soil	0.5	14.9	7.4	79	0.1	23.2	9.4	457	2.93	4.3	<0.5	1.3	47	0.1	0.3	<0.1	63	0.31	0.088	8
1147518	Soil	0.4	28.2	11.6	81	0.4	28.8	13.0	777	3.54	6.6	<0.5	2.4	68	0.2	0.5	0.1	73	0.54	0.046	20
1147519	Soil	0.3	24.6	27.7	148	1.2	30.5	14.8	1093	3.91	9.0	<0.5	2.1	84	0.4	0.9	0.1	74	0.64	0.066	13
1147520	Soil	0.7	37.8	16.0	209	0.4	43.5	21.4	1760	4.88	7.2	<0.5	0.6	70	0.7	0.4	0.1	262	0.88	0.308	5
1147521	Soil	0.5	13.7	8.2	199	0.3	19.8	8.7	455	2.83	6.1	2.5	1.1	44	0.2	0.4	0.1	57	0.57	0.178	7
1147522	Soil	0.3	34.4	11.6	83	0.6	32.2	15.3	948	3.73	5.5	0.8	2.0	67	0.4	0.6	0.1	69	0.73	0.045	9
1147523	Soil	0.4	33.2	13.5	107	0.4	38.4	15.7	507	3.65	6.3	0.9	1.2	39	0.2	0.4	<0.1	82	0.42	0.126	7
1147524	Soil	0.4	38.1	11.2	100	0.4	48.7	20.7	764	4.34	7.4	<0.5	1.0	43	0.2	0.4	<0.1	102	0.55	0.059	5
1147525	Soil	0.3	22.4	17.8	84	1.1	21.8	9.9	544	2.74	4.4	0.9	1.1	43	0.2	0.3	<0.1	63	0.37	0.028	12
1147526	Soil	0.3	9.1	10.1	104	0.2	12.2	4.8	145	2.12	1.2	<0.5	0.9	23	0.2	0.2	0.1	46	0.16	0.109	6
1147527	Soil	0.5	18.3	8.3	71	0.1	18.8	9.4	540	2.65	7.0	<0.5	1.2	43	0.2	0.6	0.1	55	0.50	0.076	9
1147528	Soil	0.7	45.1	10.3	98	0.2	34.9	14.5	892	3.67	11.8	<0.5	1.7	53	0.4	0.8	0.1	62	0.66	0.074	10
1147529	Soil	0.7	30.2	9.9	78	0.1	25.6	12.4	667	3.39	9.5	0.9	2.0	66	0.3	1.1	0.2	76	0.61	0.097	14
1147530	Soil	0.4	15.3	8.2	78	<0.1	19.2	9.5	421	2.62	9.9	1.7	1.7	71	0.3	0.6	<0.1	59	0.48	0.118	14

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 13, 2011

Page: 2 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1147501	Soil	45	0.53	414	0.195	2	2.78	0.025	0.10	<0.1	0.03	3.3	<0.1	<0.05	7	<0.5	<0.2
1147502	Soil	42	0.48	313	0.183	2	3.12	0.032	0.10	0.1	0.03	3.2	<0.1	<0.05	9	<0.5	<0.2
1147503	Soil	38	0.63	310	0.158	2	3.40	0.020	0.12	0.1	0.04	5.6	<0.1	<0.05	10	<0.5	<0.2
1147504	Soil	40	0.51	383	0.200	1	3.98	0.022	0.11	0.1	0.05	3.0	<0.1	<0.05	10	<0.5	<0.2
1147505	Soil	42	0.44	279	0.175	<1	2.94	0.018	0.11	0.1	0.04	4.0	<0.1	<0.05	8	<0.5	<0.2
1147506	Soil	45	0.87	439	0.202	<1	3.99	0.022	0.16	<0.1	0.04	6.1	<0.1	<0.05	10	<0.5	<0.2
1147507	Soil	44	0.45	371	0.198	<1	3.28	0.018	0.09	<0.1	0.03	2.7	<0.1	<0.05	8	<0.5	<0.2
1147508	Soil	32	0.72	223	0.101	2	1.57	0.031	0.17	0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1147509	Soil	34	0.67	271	0.103	<1	2.05	0.025	0.18	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1147510	Soil	40	0.69	282	0.097	1	2.92	0.014	0.17	<0.1	0.04	4.3	<0.1	<0.05	8	<0.5	<0.2
1147511	Soil	49	1.30	231	0.131	<1	2.08	0.032	0.14	<0.1	0.02	6.6	0.1	<0.05	6	<0.5	<0.2
1147512	Soil	35	0.68	278	0.119	2	2.07	0.027	0.12	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1147513	Soil	31	0.57	261	0.068	1	1.81	0.015	0.10	<0.1	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1147514	Soil	33	0.80	278	0.065	2	1.55	0.016	0.11	<0.1	0.05	3.0	<0.1	<0.05	5	<0.5	<0.2
1147515	Soil	32	0.60	197	0.107	<1	1.50	0.038	0.09	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1147516	Soil	27	0.56	193	0.067	1	1.70	0.019	0.09	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147517	Soil	27	0.47	213	0.083	1	1.54	0.016	0.11	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1147518	Soil	36	0.72	245	0.110	2	1.86	0.023	0.14	0.1	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1147519	Soil	38	0.81	290	0.075	3	1.89	0.024	0.16	<0.1	0.05	7.4	0.1	0.06	6	<0.5	<0.2
1147520	Soil	56	0.80	436	0.024	6	2.29	0.018	0.18	<0.1	0.05	10.4	0.1	<0.05	9	<0.5	<0.2
1147521	Soil	25	0.46	282	0.059	3	1.86	0.016	0.11	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1147522	Soil	36	0.99	370	0.077	3	2.25	0.030	0.11	0.1	0.04	7.6	<0.1	<0.05	6	<0.5	<0.2
1147523	Soil	38	0.97	234	0.076	1	2.50	0.017	0.09	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1147524	Soil	42	1.53	194	0.111	1	3.01	0.016	0.10	<0.1	0.03	4.1	<0.1	<0.05	8	<0.5	<0.2
1147525	Soil	26	0.64	177	0.081	1	1.59	0.018	0.07	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1147526	Soil	20	0.25	168	0.053	<1	1.32	0.011	0.05	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1147527	Soil	21	0.48	157	0.047	1	1.19	0.015	0.13	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1147528	Soil	28	0.84	196	0.038	2	1.85	0.035	0.13	<0.1	0.06	6.1	<0.1	<0.05	6	<0.5	<0.2
1147529	Soil	29	0.64	205	0.065	2	1.27	0.025	0.08	0.1	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
1147530	Soil	28	0.49	253	0.086	1	0.95	0.029	0.07	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 3 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
1147531	Soil	0.4	15.7	10.5	89	<0.1	19.7	9.1	381	2.49	7.1	2.6	1.9	70	0.3	0.7	0.1	63	0.52	0.107	15
1147532	Soil	0.5	17.9	11.2	103	0.1	21.5	10.5	624	2.69	11.9	3.9	1.8	74	0.5	0.8	0.2	67	0.52	0.109	14
1147533	Soil	0.5	16.0	9.5	80	<0.1	21.2	10.3	463	2.89	7.7	14.5	2.1	71	0.2	0.6	0.1	76	0.49	0.116	15
1147534	Soil	0.6	20.6	14.7	131	0.2	23.7	11.8	871	2.91	16.4	12.6	1.7	78	0.5	1.0	0.3	68	0.57	0.110	15
1147535	Soil	0.5	19.4	12.7	142	0.2	21.6	12.0	882	2.78	11.4	2.4	1.4	102	0.7	0.8	0.2	67	0.88	0.130	14
1147536	Soil	0.6	23.7	14.5	134	0.2	25.9	12.6	913	3.09	14.5	13.0	1.8	87	0.6	1.0	0.3	71	0.69	0.114	16
1147537	Soil	0.5	16.0	10.1	102	0.2	20.9	10.5	641	2.96	13.7	146.9	1.6	66	0.3	0.9	0.2	72	0.55	0.104	13
1147538	Soil	0.5	32.0	9.8	80	0.2	21.9	11.2	576	3.01	12.3	3.2	2.4	70	0.3	1.2	0.2	67	1.29	0.094	13
1147539	Soil	0.4	32.7	11.6	115	0.3	23.1	11.8	913	2.96	28.7	2.1	0.9	70	0.5	1.6	<0.1	59	0.78	0.078	10
1147540	Soil	0.4	13.9	14.6	211	0.2	26.6	17.3	1636	3.17	29.9	1.1	0.5	17	0.8	0.9	<0.1	63	0.41	0.031	5
1147541	Soil	0.4	12.1	10.1	128	0.2	14.6	7.3	563	2.96	21.4	<0.5	0.5	22	0.2	2.1	<0.1	61	0.32	0.031	5
1147542	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147543	Soil	0.6	22.0	6.9	153	0.2	28.0	10.5	342	3.01	<0.5	0.9	2.6	62	0.2	<0.1	<0.1	64	0.39	0.263	8
1147544	Soil	0.7	20.0	5.6	67	<0.1	23.0	11.0	478	2.80	1.0	<0.5	2.7	90	<0.1	0.1	<0.1	73	0.45	0.136	16
1147545	Soil	0.6	17.9	6.1	81	<0.1	28.9	12.2	487	3.02	1.0	0.6	2.2	90	0.2	0.1	<0.1	70	0.44	0.255	12
1147546	Soil	0.5	19.7	4.8	71	<0.1	25.9	11.6	298	2.98	1.3	1.0	1.9	85	0.1	0.1	<0.1	73	0.41	0.145	13
1147547	Soil	0.5	16.4	4.8	57	<0.1	23.3	9.9	290	2.83	0.6	<0.5	1.7	73	0.1	<0.1	<0.1	77	0.34	0.158	10
1147548	Soil	0.6	20.2	5.8	64	<0.1	23.7	12.0	279	3.01	1.8	0.7	2.1	87	0.1	0.2	<0.1	66	0.43	0.183	12
1147549	Soil	0.6	16.5	6.0	81	<0.1	24.1	10.2	414	2.77	1.3	0.8	1.9	79	0.2	0.1	<0.1	65	0.40	0.204	10
1147550	Soil	0.7	19.3	6.5	73	0.2	23.4	10.1	749	2.73	1.3	0.7	1.8	74	0.2	0.1	<0.1	65	0.50	0.077	17
1147551	Soil	0.7	17.2	8.4	99	0.1	29.8	12.3	352	3.44	1.0	1.1	3.1	62	0.1	0.1	0.1	67	0.30	0.354	10
1147552	Soil	0.6	15.5	7.1	88	0.1	26.5	11.2	309	3.03	0.8	0.9	2.2	66	0.1	0.1	<0.1	69	0.32	0.233	10
1147553	Soil	0.6	14.0	7.6	60	<0.1	19.7	9.7	375	2.54	0.9	0.9	2.6	97	<0.1	<0.1	<0.1	55	0.51	0.176	14
1147554	Soil	0.5	17.5	6.3	167	0.2	23.3	10.7	412	3.00	0.8	0.9	1.5	65	0.2	<0.1	<0.1	56	0.30	0.431	6
1147555	Soil	0.6	22.8	5.5	71	<0.1	29.7	14.6	767	2.99	0.7	0.7	1.8	98	0.2	0.1	<0.1	77	0.73	0.145	17
1147556	Soil	0.5	16.6	6.9	129	0.1	32.9	11.4	339	2.91	0.6	<0.5	1.5	51	0.1	<0.1	0.1	54	0.28	0.370	6
1147557	Soil	0.7	15.6	6.7	103	<0.1	25.9	9.1	285	2.88	0.8	0.7	1.6	57	0.1	<0.1	<0.1	58	0.30	0.290	7
1147558	Soil	0.5	17.0	5.5	74	0.1	27.4	10.8	281	3.00	3.0	1.2	1.4	72	0.1	0.2	<0.1	67	0.35	0.139	9
1147559	Soil	0.6	20.6	8.1	207	0.2	30.9	9.8	302	3.12	2.0	0.5	1.6	66	0.2	0.1	0.1	68	0.44	0.225	8
1147560	Soil	0.6	15.7	9.4	124	0.1	17.8	7.6	195	2.67	<0.5	1.2	1.6	51	0.2	<0.1	0.2	60	0.25	0.292	7

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 3 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
				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	
1147531	Soil			26	0.54	215	0.093	<1	1.01	0.031	0.07	<0.1	0.02	3.5	<0.1	<0.05	3	<0.5	<0.2
1147532	Soil			30	0.56	229	0.090	<1	1.03	0.028	0.07	<0.1	0.04	3.5	<0.1	<0.05	3	<0.5	<0.2
1147533	Soil			35	0.56	229	0.105	1	1.05	0.032	0.08	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1147534	Soil			29	0.64	224	0.078	<1	1.08	0.028	0.10	<0.1	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1147535	Soil			28	0.60	229	0.085	2	1.12	0.033	0.09	<0.1	0.08	3.8	<0.1	0.05	4	<0.5	<0.2
1147536	Soil			30	0.63	256	0.094	2	1.23	0.038	0.09	<0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1147537	Soil			30	0.51	197	0.100	2	0.90	0.026	0.07	0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1147538	Soil			25	0.64	204	0.075	3	1.26	0.024	0.08	0.2	0.04	5.3	<0.1	<0.05	4	0.5	<0.2
1147539	Soil			25	0.65	217	0.034	7	1.53	0.023	0.11	0.3	0.09	7.7	<0.1	<0.05	4	<0.5	<0.2
1147540	Soil			44	0.66	169	0.053	4	1.46	0.010	0.13	0.4	0.04	9.5	<0.1	<0.05	4	<0.5	<0.2
1147541	Soil			22	0.33	128	0.045	3	0.92	0.012	0.08	0.6	0.03	3.0	<0.1	<0.05	3	<0.5	<0.2
1147542	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147543	Soil			44	0.47	331	0.191	1	2.77	0.022	0.17	<0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1147544	Soil			37	0.49	275	0.172	2	1.77	0.030	0.11	<0.1	0.03	3.7	<0.1	<0.05	5	0.5	<0.2
1147545	Soil			40	0.56	254	0.142	1	2.31	0.024	0.13	<0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1147546	Soil			39	0.55	238	0.139	1	1.73	0.030	0.12	<0.1	0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1147547	Soil			43	0.40	212	0.152	<1	1.69	0.026	0.12	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1147548	Soil			38	0.61	204	0.122	2	1.87	0.030	0.12	<0.1	0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1147549	Soil			37	0.45	240	0.122	<1	2.07	0.020	0.14	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1147550	Soil			38	0.50	201	0.117	2	1.86	0.025	0.11	<0.1	0.04	4.9	<0.1	<0.05	5	<0.5	<0.2
1147551	Soil			44	0.53	278	0.132	1	3.14	0.016	0.11	0.1	0.03	4.7	<0.1	<0.05	9	<0.5	<0.2
1147552	Soil			41	0.47	267	0.159	1	2.72	0.023	0.10	<0.1	0.03	3.4	<0.1	<0.05	8	<0.5	<0.2
1147553	Soil			32	0.45	241	0.124	1	2.22	0.024	0.15	<0.1	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1147554	Soil			37	0.44	306	0.116	2	2.78	0.014	0.10	<0.1	0.05	3.8	<0.1	<0.05	8	<0.5	<0.2
1147555	Soil			48	0.82	252	0.147	2	1.56	0.028	0.14	<0.1	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1147556	Soil			38	0.48	274	0.113	<1	3.31	0.014	0.10	<0.1	0.03	3.1	<0.1	<0.05	8	<0.5	<0.2
1147557	Soil			37	0.40	236	0.131	2	3.11	0.012	0.09	0.1	0.05	2.8	<0.1	<0.05	9	<0.5	<0.2
1147558	Soil			36	0.57	232	0.102	1	2.23	0.017	0.08	<0.1	0.03	3.3	<0.1	<0.05	6	0.5	<0.2
1147559	Soil			41	0.54	217	0.137	2	3.23	0.015	0.12	<0.1	0.03	3.8	<0.1	<0.05	10	<0.5	<0.2
1147560	Soil			38	0.33	252	0.140	<1	2.36	0.014	0.09	<0.1	0.03	2.4	<0.1	<0.05	9	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 4 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
1147561	Soil	0.3	22.3	7.6	69	0.2	22.2	9.3	345	2.08	1.4	3.5	1.4	67	0.2	0.2	0.1	52	0.98	0.068	16
1147562	Soil	0.7	18.1	11.5	129	0.8	22.2	9.8	954	2.49	4.1	1.3	0.7	65	0.4	0.2	<0.1	54	0.72	0.114	9
1147563	Soil	0.6	19.5	14.0	86	0.2	22.5	12.8	831	3.04	8.8	7.6	1.4	57	0.2	0.5	0.1	64	0.53	0.114	12
1147564	Soil	0.5	14.3	7.7	78	0.2	17.4	8.2	416	2.61	6.6	<0.5	0.9	37	0.3	0.4	<0.1	56	0.29	0.111	7
1147565	Soil	0.4	13.8	8.0	81	0.3	19.8	9.1	372	2.87	5.4	2.0	1.2	41	0.1	0.3	<0.1	63	0.25	0.099	7
1147566	Soil	0.4	21.6	7.6	87	0.5	20.6	9.5	505	2.77	4.3	2.6	1.3	63	0.3	0.3	<0.1	59	0.50	0.063	14
1147567	Soil	0.4	14.6	6.8	87	0.1	20.5	9.5	330	2.58	4.2	1.0	1.2	43	0.1	0.3	0.1	58	0.30	0.077	9
1147568	Soil	0.4	26.3	8.2	107	0.2	24.6	11.3	482	3.17	7.0	2.0	1.8	45	0.1	0.4	0.1	77	0.39	0.132	16
1147569	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147570	Soil	0.4	12.0	7.3	82	0.1	19.0	9.3	493	2.76	8.1	2.2	1.5	56	0.2	0.6	<0.1	69	0.47	0.098	12
1147571	Soil	0.5	17.9	8.7	88	0.1	21.3	10.7	719	2.57	9.6	2.4	1.7	80	0.4	0.7	0.1	63	0.55	0.098	13
1147572	Soil	0.5	17.2	10.8	101	0.2	20.6	10.7	708	2.81	12.6	7.3	1.5	70	0.3	0.8	0.2	70	0.58	0.105	13
1147573	Soil	0.5	14.0	10.7	98	0.2	22.6	11.4	560	3.98	13.8	196.0	1.4	45	0.2	1.0	0.2	117	0.48	0.111	12
1147574	Soil	0.4	18.9	10.4	158	0.2	21.9	10.9	788	2.68	12.1	13.2	1.3	71	0.9	0.6	0.2	66	0.57	0.113	15
1147575	Soil	0.7	17.8	13.2	115	0.1	24.4	12.9	786	3.16	17.5	6.3	1.9	82	0.4	0.8	0.3	82	0.58	0.114	15
1147576	Soil	0.6	20.7	11.5	199	0.2	22.0	12.0	715	3.00	15.4	16.9	1.2	65	0.9	0.7	0.2	72	0.63	0.190	13
1147577	Soil	0.6	29.6	11.7	82	0.1	27.9	15.0	925	3.32	18.2	1.4	1.3	54	0.4	0.8	0.1	75	0.71	0.099	12
1147578	Soil	0.7	40.7	7.9	97	0.3	23.9	10.4	905	2.56	13.8	<0.5	0.4	80	0.8	0.5	<0.1	53	1.48	0.114	10
1147579	Soil	0.4	29.5	10.2	93	0.2	30.4	15.3	1067	3.74	18.8	1.2	1.5	46	0.3	0.9	0.1	79	0.52	0.048	10
1147580	Soil	0.3	26.0	7.1	150	0.3	22.4	9.2	1147	2.68	11.2	<0.5	0.5	36	0.8	0.4	<0.1	55	0.47	0.145	7
1147581	Soil	0.4	19.0	7.7	74	0.2	21.2	9.9	708	2.86	18.5	<0.5	0.8	26	0.4	0.6	<0.1	68	0.37	0.041	8
1147582	Soil	0.5	77.4	11.1	311	0.9	40.6	14.3	979	3.76	34.6	0.7	0.9	85	2.4	1.1	0.1	75	1.29	0.096	19
1147583	Soil	0.7	33.4	7.7	114	<0.1	22.5	13.0	1052	3.09	3.8	<0.5	2.7	162	0.1	<0.1	<0.1	70	0.94	0.112	21
1147584	Soil	0.5	36.7	10.0	99	0.1	27.3	14.8	360	3.79	4.1	<0.5	2.8	181	<0.1	<0.1	<0.1	86	0.60	0.091	21
1147585	Soil	0.3	35.6	10.8	80	<0.1	38.8	18.6	542	4.74	3.8	<0.5	4.7	233	<0.1	<0.1	<0.1	88	0.61	0.105	31
1147586	Soil	0.5	23.8	9.3	111	<0.1	35.1	15.0	799	4.33	3.4	<0.5	2.5	347	<0.1	<0.1	<0.1	92	0.59	0.070	16
1147587	Soil	0.3	15.7	5.7	89	<0.1	20.5	10.7	657	2.76	3.6	<0.5	1.8	460	<0.1	<0.1	<0.1	34	0.81	0.083	19
1147588	Soil	0.5	16.9	9.0	109	<0.1	26.3	10.6	236	3.30	4.4	<0.5	1.9	383	<0.1	<0.1	<0.1	43	0.69	0.428	8
1147589	Soil	0.8	26.7	7.8	130	<0.1	24.1	13.0	477	3.75	4.0	<0.5	3.3	163	<0.1	<0.1	<0.1	83	0.52	0.164	10
1147590	Soil	0.7	21.0	7.4	95	<0.1	30.2	11.7	339	3.30	3.7	<0.5	1.6	99	<0.1	<0.1	<0.1	77	0.33	0.112	11

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 4 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
1147561	Soil	31	0.60	171	0.081	2	1.52	0.031	0.07	<0.1	0.04	5.4	<0.1	<0.05	4	0.6	<0.2
1147562	Soil	28	0.49	256	0.056	3	1.57	0.014	0.10	<0.1	0.08	3.4	<0.1	<0.05	5	0.5	<0.2
1147563	Soil	27	0.57	199	0.069	3	1.39	0.024	0.10	<0.1	0.03	4.6	<0.1	<0.05	4	<0.5	<0.2
1147564	Soil	21	0.46	157	0.055	1	1.33	0.011	0.08	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1147565	Soil	28	0.41	218	0.059	<1	1.63	0.010	0.08	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1147566	Soil	28	0.57	228	0.073	3	1.50	0.019	0.12	<0.1	0.04	5.1	<0.1	<0.05	4	<0.5	<0.2
1147567	Soil	26	0.43	182	0.080	1	1.42	0.016	0.08	<0.1	0.02	3.3	<0.1	<0.05	4	0.5	<0.2
1147568	Soil	30	0.47	190	0.053	1	2.31	0.020	0.08	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5	<0.2
1147569	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147570	Soil	29	0.47	140	0.091	2	0.81	0.023	0.06	<0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2
1147571	Soil	26	0.54	233	0.090	<1	1.02	0.027	0.08	<0.1	0.03	4.1	<0.1	<0.05	3	<0.5	<0.2
1147572	Soil	31	0.51	204	0.090	2	1.03	0.025	0.09	<0.1	0.03	3.8	<0.1	<0.05	3	<0.5	<0.2
1147573	Soil	45	0.49	129	0.118	1	0.78	0.021	0.05	0.1	0.11	3.4	<0.1	<0.05	3	<0.5	<0.2
1147574	Soil	28	0.54	235	0.092	3	1.27	0.024	0.11	<0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1147575	Soil	37	0.62	259	0.111	1	1.28	0.025	0.09	<0.1	0.01	4.1	<0.1	0.11	4	<0.5	<0.2
1147576	Soil	30	0.55	238	0.079	3	1.24	0.019	0.13	0.1	0.01	4.1	<0.1	0.05	4	<0.5	<0.2
1147577	Soil	29	0.77	160	0.064	3	1.63	0.024	0.16	0.1	0.03	5.9	<0.1	0.09	5	<0.5	<0.2
1147578	Soil	23	0.57	224	0.026	8	1.42	0.014	0.21	0.1	0.05	4.4	<0.1	0.17	4	<0.5	<0.2
1147579	Soil	34	0.77	248	0.062	2	2.11	0.019	0.11	<0.1	0.03	7.9	<0.1	0.08	6	<0.5	<0.2
1147580	Soil	23	0.42	294	0.050	3	1.37	0.009	0.13	<0.1	0.01	3.8	<0.1	0.06	4	<0.5	<0.2
1147581	Soil	23	0.50	100	0.071	2	1.30	0.015	0.11	0.1	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1147582	Soil	37	0.86	287	0.025	6	2.87	0.011	0.22	0.2	0.12	14.6	0.1	0.12	7	<0.5	<0.2
1147583	Soil	38	0.92	186	0.195	1	2.29	0.016	0.21	<0.1	0.03	5.4	0.1	0.10	7	<0.5	<0.2
1147584	Soil	49	0.94	344	0.262	<1	3.48	0.026	0.14	<0.1	0.02	6.0	0.1	0.08	11	<0.5	<0.2
1147585	Soil	28	1.18	360	0.248	<1	3.88	0.029	0.10	<0.1	0.02	8.9	0.2	<0.05	10	<0.5	<0.2
1147586	Soil	30	0.68	415	0.176	<1	3.62	0.026	0.10	<0.1	0.03	4.6	0.1	0.07	10	<0.5	<0.2
1147587	Soil	18	0.76	382	0.098	<1	3.49	0.022	0.17	<0.1	0.03	3.6	<0.1	0.09	8	<0.5	<0.2
1147588	Soil	24	0.91	445	0.127	<1	4.52	0.022	0.18	<0.1	0.02	4.4	<0.1	0.10	12	<0.5	<0.2
1147589	Soil	44	0.68	281	0.245	<1	4.17	0.022	0.17	<0.1	0.01	4.9	0.1	0.08	10	<0.5	<0.2
1147590	Soil	49	0.65	249	0.169	<1	3.16	0.023	0.11	<0.1	0.01	4.0	0.1	0.06	8	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 5 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147591	Soil	0.6	16.4	6.7	80	<0.1	28.5	11.9	560	3.14	3.8	<0.5	2.0	260	<0.1	<0.1	<0.1	66	0.75	0.099	12
1147592	Soil	0.8	17.4	5.6	77	<0.1	32.9	12.4	365	3.38	3.1	<0.5	1.9	140	<0.1	<0.1	<0.1	100	0.55	0.099	15
1147593	Soil	0.5	26.7	3.6	68	<0.1	53.8	16.7	287	3.20	4.1	<0.5	1.0	237	<0.1	<0.1	<0.1	53	1.09	0.300	5
1147594	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147595	Soil	0.5	23.9	8.7	98	0.1	34.4	14.2	368	4.05	3.6	<0.5	2.7	92	0.2	<0.1	<0.1	88	0.44	0.096	12
1147596	Soil	0.4	20.9	9.2	87	0.1	27.4	9.6	281	3.21	3.9	3.0	1.5	126	0.1	<0.1	0.1	47	0.35	0.116	6
1147597	Soil	0.4	22.9	9.2	104	<0.1	36.2	15.4	609	4.08	3.9	<0.5	2.4	80	<0.1	<0.1	<0.1	70	0.47	0.146	5
1147598	Soil	0.3	18.8	7.1	78	<0.1	29.4	14.3	539	3.72	3.3	<0.5	3.2	76	<0.1	<0.1	<0.1	80	0.47	0.127	12
1147599	Soil	0.3	30.2	8.9	160	<0.1	29.4	11.9	564	3.09	3.5	<0.5	1.9	106	0.2	<0.1	0.2	50	0.61	0.332	5
1147600	Soil	0.4	21.7	8.6	119	<0.1	23.2	10.0	489	3.09	3.3	<0.5	2.4	69	0.2	<0.1	<0.1	61	0.49	0.153	7
1147601	Soil	0.4	19.8	7.0	132	0.1	34.4	12.0	483	3.69	3.8	<0.5	1.8	138	<0.1	<0.1	<0.1	72	0.63	0.118	7
1147602	Soil	0.2	25.9	7.2	64	<0.1	34.7	12.6	433	3.38	4.0	<0.5	3.5	76	0.1	<0.1	0.1	59	0.83	0.229	8
1147603	Soil	0.1	29.2	7.3	77	<0.1	46.5	24.1	633	4.92	3.9	<0.5	4.6	133	0.1	<0.1	<0.1	57	0.85	0.070	30
1147604	Soil	0.4	23.7	7.8	108	<0.1	27.9	14.9	1075	3.21	7.0	<0.5	1.7	68	0.2	<0.1	0.4	67	0.66	0.090	12
1147605	Soil	0.3	23.4	5.5	208	<0.1	26.7	14.0	1230	2.57	4.1	<0.5	0.9	141	0.4	<0.1	<0.1	37	0.92	0.325	9
1147606	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147607	Soil	0.5	26.5	8.2	82	0.1	30.2	14.9	764	3.38	8.8	<0.5	2.3	69	0.2	0.5	0.1	79	0.63	0.099	17
1147608	Soil	0.6	19.8	9.5	99	0.1	25.1	12.5	750	3.10	14.2	2.0	1.8	81	0.4	0.7	0.1	76	0.59	0.116	14
1147609	Soil	0.5	18.5	9.8	98	0.1	25.1	13.4	795	3.23	14.7	3.2	2.1	81	0.4	0.6	0.1	82	0.59	0.123	16
1147610	Soil	0.5	20.3	9.8	89	<0.1	25.6	13.0	807	3.23	14.1	2.2	1.9	76	0.3	0.6	0.1	80	0.57	0.118	16
1147611	Soil	0.6	19.3	10.3	95	0.1	25.3	13.1	773	3.38	14.0	2.9	1.9	71	0.3	0.6	0.1	87	0.51	0.110	15
1147612	Soil	0.6	22.8	11.1	101	0.2	24.3	13.6	893	3.30	15.5	1.8	1.9	72	0.4	0.7	0.1	83	0.60	0.119	16
1147613	Soil	0.7	17.5	15.8	149	0.1	24.6	12.3	717	3.11	19.9	7.5	1.9	73	0.6	0.7	0.3	75	0.46	0.156	15
1147614	Soil	0.6	30.2	9.3	145	0.2	24.6	11.9	1244	3.14	8.1	2.3	0.9	42	1.4	0.6	0.2	59	0.58	0.176	8
1147615	Soil	0.5	23.9	7.9	78	0.1	22.6	9.9	617	2.89	9.3	1.6	0.9	50	0.3	0.6	0.1	61	0.66	0.082	10
1147616	Soil	0.4	12.9	6.4	69	<0.1	19.0	8.2	419	2.70	8.5	1.6	0.8	24	0.2	0.4	0.1	59	0.21	0.072	5
1147617	Soil	0.4	20.4	6.6	69	0.2	19.7	8.3	571	2.45	8.8	1.9	0.7	47	0.2	0.4	0.1	54	0.55	0.033	14
1147618	Soil	0.5	12.9	6.0	59	0.2	17.4	7.5	493	2.49	8.5	0.8	0.7	28	0.1	0.4	<0.1	57	0.30	0.042	6
1147619	Soil	0.5	14.6	6.1	76	<0.1	17.9	8.2	426	2.66	8.0	1.2	0.6	26	0.2	0.4	0.1	57	0.29	0.083	5
1147620	Soil	0.5	35.3	8.4	110	0.2	30.9	11.2	844	3.22	11.3	1.7	1.1	52	0.4	0.7	0.1	68	0.57	0.066	19

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 5 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	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	
1147591	Soil	44	0.71	256	0.141	<1	2.64	0.020	0.18	<0.1	0.02	4.7	<0.1	0.07	7	<0.5	<0.2
1147592	Soil	74	0.68	208	0.123	<1	2.28	0.021	0.15	<0.1	<0.01	5.2	<0.1	<0.05	6	<0.5	<0.2
1147593	Soil	106	1.06	255	0.084	1	3.38	0.028	0.18	<0.1	0.02	5.0	<0.1	0.09	8	<0.5	<0.2
1147594	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147595	Soil	97	0.90	327	0.173	<1	4.29	0.026	0.11	<0.1	0.02	5.3	0.1	<0.05	11	<0.5	<0.2
1147596	Soil	62	0.72	392	0.139	<1	4.25	0.022	0.20	<0.1	0.04	3.5	0.2	0.06	12	<0.5	<0.2
1147597	Soil	99	0.89	257	0.187	<1	4.20	0.019	0.23	<0.1	0.04	4.7	0.1	0.06	10	<0.5	<0.2
1147598	Soil	76	0.62	180	0.148	<1	3.02	0.026	0.10	<0.1	0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
1147599	Soil	60	0.70	370	0.139	<1	4.72	0.020	0.23	<0.1	0.02	4.0	0.1	<0.05	12	<0.5	<0.2
1147600	Soil	45	0.48	285	0.195	<1	3.17	0.025	0.11	<0.1	<0.01	3.5	0.2	<0.05	8	<0.5	<0.2
1147601	Soil	69	0.77	396	0.152	<1	4.46	0.022	0.15	<0.1	0.02	4.1	<0.1	0.07	10	<0.5	<0.2
1147602	Soil	37	1.42	169	0.206	<1	5.62	0.015	0.10	<0.1	<0.01	5.7	<0.1	0.05	12	<0.5	<0.2
1147603	Soil	74	1.17	306	0.323	<1	4.05	0.041	0.11	<0.1	0.01	12.1	<0.1	<0.05	11	<0.5	<0.2
1147604	Soil	59	0.82	154	0.142	<1	2.78	0.025	0.16	<0.1	0.03	3.9	0.3	0.09	7	<0.5	<0.2
1147605	Soil	38	0.77	307	0.059	2	2.52	0.012	0.23	<0.1	0.03	3.2	<0.1	0.07	8	<0.5	<0.2
1147606	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147607	Soil	33	0.72	196	0.091	2	1.59	0.024	0.18	<0.1	0.02	5.7	0.1	<0.05	5	<0.5	<0.2
1147608	Soil	30	0.60	233	0.103	1	1.18	0.043	0.09	<0.1	0.02	4.3	<0.1	0.06	4	<0.5	<0.2
1147609	Soil	32	0.56	260	0.106	<1	1.23	0.033	0.09	<0.1	0.02	4.8	<0.1	0.06	4	<0.5	<0.2
1147610	Soil	30	0.58	238	0.102	1	1.28	0.029	0.11	<0.1	0.02	5.0	<0.1	0.06	4	<0.5	<0.2
1147611	Soil	35	0.57	248	0.112	1	1.28	0.030	0.08	<0.1	0.02	4.6	<0.1	<0.05	4	<0.5	<0.2
1147612	Soil	32	0.61	258	0.103	2	1.39	0.030	0.10	<0.1	0.04	5.2	<0.1	0.09	4	<0.5	<0.2
1147613	Soil	34	0.61	258	0.094	3	1.61	0.018	0.09	<0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1147614	Soil	25	0.50	265	0.033	3	1.60	0.013	0.11	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1147615	Soil	24	0.51	150	0.049	3	1.42	0.012	0.09	0.1	0.06	4.7	<0.1	<0.05	4	<0.5	<0.2
1147616	Soil	21	0.42	110	0.057	2	1.31	0.009	0.06	0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1147617	Soil	22	0.46	154	0.056	2	1.40	0.013	0.08	<0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1147618	Soil	21	0.46	103	0.057	2	1.27	0.013	0.07	<0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1147619	Soil	20	0.44	81	0.053	2	1.16	0.033	0.07	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1147620	Soil	29	0.62	197	0.072	2	1.91	0.022	0.11	<0.1	0.05	6.3	<0.1	<0.05	6	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 6 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147621	Soil	0.5	38.3	11.3	105	0.3	36.9	15.3	1103	4.02	92.5	1.3	1.1	56	0.3	1.9	0.1	82	0.65	0.054	18
1147622	Soil	0.4	39.8	11.2	151	0.4	37.6	13.9	1054	3.71	99.5	0.7	0.9	79	0.6	2.2	0.1	70	1.06	0.089	25
1147623	Soil	0.5	16.9	7.7	69	0.1	24.2	11.6	729	3.05	28.3	0.8	1.3	40	0.2	0.6	0.1	71	0.36	0.034	9
1147624	Soil	0.6	27.0	10.6	128	<0.1	19.9	9.6	375	3.52	1.8	<0.5	3.6	94	<0.1	<0.1	0.1	50	0.48	0.429	5
1147625	Soil	0.8	28.6	9.4	101	<0.1	18.0	14.3	786	4.04	1.2	1.3	4.7	91	0.1	<0.1	<0.1	88	0.50	0.129	21
1147626	Soil	0.6	25.7	8.7	148	<0.1	37.7	13.7	374	3.77	1.5	<0.5	2.4	91	<0.1	<0.1	0.2	65	0.43	0.505	8
1147627	Soil	0.7	27.8	8.3	71	<0.1	18.5	10.6	292	3.48	1.5	0.6	4.3	121	<0.1	<0.1	<0.1	78	0.67	0.210	14
1147628	Soil	1.0	32.3	8.7	119	0.1	30.9	14.4	659	4.18	1.8	<0.5	2.9	154	<0.1	<0.1	<0.1	87	0.65	0.351	13
1147629	Soil	0.4	43.0	9.4	101	<0.1	28.1	16.0	1067	3.41	1.6	<0.5	4.0	68	0.1	<0.1	<0.1	58	0.68	0.110	22
1147630	Soil	0.6	20.8	10.7	138	<0.1	21.7	10.5	590	3.22	1.8	<0.5	2.1	200	<0.1	<0.1	0.1	65	0.57	0.172	6
1147631	Soil	0.6	22.6	8.7	157	<0.1	16.8	11.3	1131	3.09	1.6	<0.5	2.3	90	0.2	<0.1	0.1	50	0.65	0.257	7
1147632	Soil	0.8	28.4	8.4	128	<0.1	17.0	11.9	742	3.44	1.9	0.8	3.8	150	<0.1	<0.1	<0.1	65	0.70	0.279	8
1147633	Soil	0.4	35.5	9.7	90	<0.1	37.0	16.7	462	4.67	1.5	<0.5	4.8	232	<0.1	<0.1	<0.1	90	0.63	0.151	26
1147634	Soil	0.4	28.1	9.2	147	<0.1	27.9	15.1	775	3.22	1.7	<0.5	2.2	190	0.1	<0.1	0.1	57	0.67	0.290	11
1147635	Soil	0.5	19.1	4.8	96	<0.1	26.8	11.4	812	2.24	2.3	<0.5	1.5	890	0.1	<0.1	<0.1	33	1.23	0.126	10
1147636	Soil	0.5	18.9	4.5	62	<0.1	28.4	13.7	749	2.33	1.8	<0.5	1.4	664	0.1	<0.1	<0.1	39	0.94	0.085	13
1147637	Soil	0.7	24.3	9.4	99	<0.1	12.6	8.4	539	2.73	2.1	<0.5	2.9	136	0.1	<0.1	<0.1	65	0.76	0.135	9
1147638	Soil	0.5	29.9	9.9	87	<0.1	31.0	14.5	541	4.09	1.8	1.2	4.1	415	<0.1	<0.1	<0.1	60	0.92	0.165	15
1147639	Soil	0.7	21.7	9.6	105	<0.1	15.5	9.9	477	3.25	1.8	<0.5	3.7	101	<0.1	<0.1	<0.1	62	0.58	0.098	9
1147640	Soil	0.8	20.7	8.1	83	<0.1	20.6	14.7	488	3.98	1.4	<0.5	4.5	107	<0.1	<0.1	<0.1	114	0.62	0.081	16
1147641	Soil	1.0	20.9	9.7	128	<0.1	16.5	13.8	900	3.89	1.2	2.5	4.4	62	0.1	<0.1	<0.1	93	0.37	0.092	12
1147642	Soil	0.6	23.2	9.6	107	<0.1	15.1	11.0	799	3.24	1.1	<0.5	4.3	52	0.1	<0.1	<0.1	83	0.62	0.078	21
1147643	Soil	0.6	19.5	7.0	90	<0.1	24.4	11.8	581	3.01	1.2	<0.5	2.9	44	0.1	<0.1	<0.1	94	0.61	0.106	17
1147644	Soil	0.7	23.2	9.8	144	0.2	26.0	11.0	567	3.82	1.4	<0.5	0.9	129	0.2	<0.1	<0.1	92	0.68	0.135	6
1147645	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147646	Soil	0.5	19.6	9.5	139	0.1	33.7	12.4	544	3.53	1.9	<0.5	1.6	229	0.2	<0.1	<0.1	82	0.79	0.161	6
1147647	Soil	0.7	23.6	7.6	87	<0.1	36.0	16.8	662	4.14	1.4	<0.5	3.7	100	0.1	<0.1	<0.1	113	0.74	0.092	21
1147648	Soil	0.4	15.5	7.2	75	<0.1	21.3	15.7	773	3.48	1.4	<0.5	3.2	386	0.1	<0.1	<0.1	37	0.77	0.061	11
1147649	Soil	0.7	24.7	6.8	140	0.2	13.1	7.6	390	2.67	1.9	<0.5	2.1	539	0.3	<0.1	0.1	29	0.87	0.262	5
1147650	Soil	0.6	14.7	8.2	157	<0.1	17.0	10.2	758	2.57	<0.5	0.6	1.3	441	0.3	0.1	0.1	39	0.77	0.094	8

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 6 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1147621	Soil	36	0.84	206	0.050	2	2.40	0.023	0.11	0.1	0.20	11.3	0.2	<0.05	7	<0.5	<0.2
1147622	Soil	34	0.81	239	0.038	3	2.42	0.021	0.11	0.2	0.31	13.4	0.3	0.07	6	<0.5	<0.2
1147623	Soil	27	0.53	143	0.097	3	1.43	0.018	0.11	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1147624	Soil	37	0.62	490	0.326	1	4.76	0.018	0.11	0.4	0.05	4.0	0.2	<0.05	14	<0.5	<0.2
1147625	Soil	56	0.68	302	0.385	<1	3.95	0.029	0.11	<0.1	0.04	6.3	0.2	<0.05	10	<0.5	<0.2
1147626	Soil	27	0.61	407	0.212	<1	3.77	0.021	0.10	0.1	0.05	4.7	<0.1	<0.05	11	<0.5	<0.2
1147627	Soil	51	0.69	356	0.333	2	3.04	0.019	0.19	0.1	0.03	6.0	<0.1	<0.05	7	<0.5	<0.2
1147628	Soil	28	0.98	472	0.291	1	3.89	0.020	0.13	0.2	0.04	6.0	<0.1	<0.05	11	<0.5	<0.2
1147629	Soil	13	0.83	160	0.300	2	3.19	0.031	0.10	<0.1	0.04	4.5	0.2	<0.05	8	<0.5	<0.2
1147630	Soil	34	0.64	407	0.249	1	4.35	0.014	0.19	<0.1	0.05	3.3	0.3	<0.05	11	<0.5	<0.2
1147631	Soil	42	0.61	507	0.265	2	3.26	0.015	0.35	<0.1	0.07	4.3	0.2	0.06	9	<0.5	<0.2
1147632	Soil	53	0.73	709	0.337	2	3.63	0.018	0.34	<0.1	0.04	5.8	0.1	<0.05	9	<0.5	<0.2
1147633	Soil	35	0.89	480	0.320	1	3.32	0.037	0.19	<0.1	0.03	9.9	<0.1	<0.05	9	<0.5	<0.2
1147634	Soil	20	0.58	369	0.205	2	3.23	0.028	0.24	<0.1	0.04	4.1	<0.1	<0.05	9	<0.5	<0.2
1147635	Soil	16	0.66	397	0.083	2	2.99	0.014	0.37	<0.1	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
1147636	Soil	17	0.65	423	0.085	2	3.37	0.016	0.35	<0.1	0.04	2.9	0.1	0.07	7	<0.5	<0.2
1147637	Soil	40	0.55	463	0.293	2	2.99	0.022	0.42	<0.1	0.03	4.1	0.2	0.06	7	<0.5	<0.2
1147638	Soil	30	1.32	478	0.264	<1	4.80	0.017	0.24	<0.1	0.03	6.6	0.1	<0.05	12	<0.5	<0.2
1147639	Soil	63	0.58	608	0.388	<1	3.48	0.025	0.30	<0.1	0.03	5.2	0.1	<0.05	9	<0.5	<0.2
1147640	Soil	62	0.78	451	0.312	<1	2.96	0.027	0.18	<0.1	0.02	6.8	<0.1	<0.05	9	<0.5	<0.2
1147641	Soil	63	0.54	249	0.414	<1	3.13	0.024	0.14	<0.1	0.02	5.9	0.1	<0.05	9	<0.5	<0.2
1147642	Soil	48	0.50	173	0.348	<1	2.49	0.019	0.07	<0.1	0.03	4.4	0.2	<0.05	8	<0.5	<0.2
1147643	Soil	67	0.67	113	0.344	<1	2.42	0.014	0.19	<0.1	0.03	4.2	<0.1	0.05	7	<0.5	<0.2
1147644	Soil	78	0.65	442	0.196	<1	3.13	0.016	0.19	<0.1	0.03	3.8	0.1	0.06	12	<0.5	<0.2
1147645	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147646	Soil	91	0.92	419	0.214	<1	4.39	0.020	0.40	<0.1	0.04	4.4	0.3	<0.05	11	<0.5	<0.2
1147647	Soil	88	0.93	177	0.263	<1	3.06	0.021	0.11	<0.1	0.03	8.2	0.1	<0.05	9	<0.5	<0.2
1147648	Soil	35	0.55	555	0.102	<1	2.93	0.018	0.24	<0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1147649	Soil	31	0.90	732	0.084	<1	3.26	0.012	0.38	<0.1	0.03	3.5	<0.1	<0.05	9	<0.5	<0.2
1147650	Soil	31	0.65	566	0.080	1	2.71	0.014	0.26	<0.1	0.05	3.2	<0.1	<0.05	7	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
1147651	Soil	0.7	34.3	8.2	102	<0.1	37.1	16.4	660	3.55	2.0	1.7	3.4	120	<0.1	0.2	0.1	75	0.85	0.129	27
1147652	Soil	0.4	9.9	13.0	114	0.2	11.9	7.2	282	2.19	4.5	1.3	1.3	45	0.2	0.3	0.2	54	0.35	0.201	10
1147653	Soil	0.7	30.9	9.6	143	0.2	26.4	11.6	1068	3.23	11.4	1.4	1.5	63	1.5	0.4	0.1	57	0.44	0.297	12
1147654	Soil	0.5	42.1	9.7	78	0.4	29.8	12.4	1013	3.20	23.4	1.5	1.1	83	0.5	0.6	0.1	62	0.87	0.079	15
1147655	Soil	0.5	17.0	8.3	66	<0.1	21.3	11.9	409	3.18	1.3	1.3	3.2	106	0.1	0.2	0.2	68	0.47	0.043	10
1147656	Soil	0.3	50.2	7.3	69	0.3	27.1	9.2	666	2.62	23.5	3.0	0.4	143	1.0	0.8	<0.1	46	2.17	0.137	17
1147657	Soil	0.5	34.6	7.3	64	0.3	22.2	8.7	530	2.76	20.0	1.6	0.5	115	0.4	0.6	<0.1	51	1.77	0.095	13
1147658	Soil	0.5	25.8	7.5	173	0.3	20.1	8.4	705	2.67	8.2	0.8	0.4	69	0.9	0.5	0.1	49	1.06	0.079	7
1147659	Soil	0.5	36.2	9.6	286	0.9	26.1	11.8	1982	2.85	5.5	1.4	0.4	65	1.8	0.3	0.1	49	0.79	0.180	9
1147660	Soil	0.4	14.5	7.1	130	<0.1	16.8	9.0	523	2.64	4.9	<0.5	0.7	35	0.3	0.3	<0.1	51	0.30	0.120	7
1147661	Soil	0.6	15.9	8.8	152	0.2	25.5	12.1	858	3.32	4.4	1.8	1.3	45	0.4	0.3	<0.1	65	0.32	0.289	7
1147662	Soil	0.6	12.3	7.8	158	0.1	34.2	14.2	1027	3.52	6.9	0.7	0.8	46	0.8	0.2	<0.1	78	0.50	0.243	5
1147663	Soil	0.3	23.6	8.6	169	0.1	60.9	24.1	2474	4.68	17.3	<0.5	1.2	69	0.8	0.2	0.1	101	1.00	0.226	8
1147664	Soil	1.2	36.5	5.8	145	0.1	51.2	21.6	2039	3.74	11.7	<0.5	0.7	76	1.1	0.2	<0.1	97	1.48	0.297	5
1147665	Soil	1.1	16.1	7.3	90	<0.1	7.6	6.8	1007	2.22	<0.5	0.5	2.2	45	0.1	<0.1	0.1	69	0.46	0.096	17
1147666	Soil	0.6	16.3	6.2	95	<0.1	12.6	6.4	376	2.35	<0.5	1.0	1.6	49	<0.1	<0.1	<0.1	61	0.37	0.152	8
1147667	Soil	0.7	19.0	7.2	97	<0.1	14.4	6.8	497	2.36	<0.5	<0.5	1.9	83	<0.1	<0.1	<0.1	52	0.59	0.181	7
1147668	Soil	1.0	26.0	8.0	141	<0.1	14.7	8.4	1467	2.45	<0.5	0.7	1.6	83	0.2	<0.1	0.1	50	0.64	0.286	7
1147669	Soil	0.5	12.8	2.5	100	<0.1	29.4	10.9	352	2.78	<0.5	<0.5	1.0	50	<0.1	<0.1	<0.1	52	0.38	0.181	7
1147670	Soil	0.7	20.2	5.5	134	<0.1	49.8	12.3	247	3.69	<0.5	<0.5	1.3	111	<0.1	<0.1	<0.1	67	0.45	0.185	7
1147671	Soil	0.8	28.0	8.7	140	<0.1	21.4	9.8	622	2.75	<0.5	1.3	2.4	88	0.1	<0.1	<0.1	81	0.64	0.167	12
1147672	Soil	0.3	23.7	5.2	111	<0.1	51.8	16.5	705	3.44	<0.5	1.0	2.0	139	<0.1	<0.1	0.1	36	0.51	0.222	13
1147673	Soil	0.3	20.6	8.8	127	<0.1	26.4	12.2	780	3.07	<0.5	1.9	2.2	85	<0.1	<0.1	0.2	43	0.52	0.201	8
1147674	Soil	0.3	14.8	5.0	95	<0.1	18.7	7.1	456	2.41	<0.5	<0.5	0.7	136	0.2	<0.1	<0.1	37	0.50	0.159	5
1147675	Soil	0.3	20.8	4.7	96	<0.1	46.6	14.3	337	3.36	<0.5	<0.5	1.4	111	<0.1	<0.1	0.2	44	0.45	0.114	7
1147676	Soil	0.5	15.4	5.1	145	<0.1	44.8	11.9	435	3.25	<0.5	0.6	1.2	123	0.1	<0.1	<0.1	53	0.71	0.178	5
1147677	Soil	0.5	18.1	9.5	90	<0.1	26.1	13.7	730	3.41	<0.5	0.8	3.1	183	0.1	<0.1	0.1	48	0.61	0.092	11
1147678	Soil	0.3	16.9	3.9	83	<0.1	40.1	12.8	348	3.19	<0.5	1.9	2.1	153	0.1	<0.1	<0.1	53	0.58	0.077	12
1147679	Soil	0.4	15.0	8.1	147	<0.1	36.0	12.2	575	3.28	<0.5	<0.5	2.1	277	0.1	<0.1	0.1	44	0.61	0.086	8
1147680	Soil	0.5	15.4	5.2	119	<0.1	28.8	11.9	685	2.45	<0.5	<0.5	1.5	531	0.2	<0.1	<0.1	36	0.78	0.128	12

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 7 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method Analyte Unit MDL	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm		
1147651	Soil	62	1.12	165	0.126	4	1.91	0.019	0.24	<0.1	0.03	7.3	0.1	<0.05	5	<0.5	<0.2	
1147652	Soil	19	0.37	173	0.073	2	1.34	0.017	0.07	0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2	
1147653	Soil	30	0.48	294	0.052	4	1.95	0.013	0.11	0.1	0.04	6.4	<0.1	<0.05	6	<0.5	<0.2	
1147654	Soil	30	0.67	226	0.042	4	2.00	0.017	0.11	<0.1	0.06	7.3	<0.1	<0.05	5	0.6	<0.2	
1147655	Soil	37	0.64	221	0.121	1	2.10	0.019	0.17	<0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2	
1147656	Soil	23	0.60	172	0.020	8	1.55	0.018	0.08	<0.1	0.10	4.3	0.1	0.14	5	1.6	<0.2	
1147657	Soil	23	0.59	153	0.026	8	1.44	0.018	0.08	0.1	0.08	4.7	<0.1	0.10	4	0.8	<0.2	
1147658	Soil	23	0.47	178	0.039	4	1.67	0.014	0.09	<0.1	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2	
1147659	Soil	24	0.47	370	0.031	4	1.97	0.014	0.18	<0.1	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2	
1147660	Soil	21	0.41	163	0.054	3	1.25	0.009	0.08	<0.1	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2	
1147661	Soil	31	0.49	237	0.088	2	2.16	0.012	0.10	0.1	0.04	4.3	<0.1	<0.05	7	<0.5	<0.2	
1147662	Soil	38	0.67	221	0.093	4	2.21	0.009	0.12	<0.1	0.04	5.5	<0.1	<0.05	7	<0.5	<0.2	
1147663	Soil	61	1.27	302	0.144	6	4.57	0.009	0.10	0.2	0.04	12.1	<0.1	<0.05	12	<0.5	<0.2	
1147664	Soil	55	1.24	183	0.120	5	5.23	0.009	0.23	0.3	0.09	11.9	<0.1	<0.05	14	<0.5	<0.2	
1147665	Soil	27	0.28	142	0.141	1	1.50	0.016	0.07	0.1	0.04	2.2	0.2	<0.05	4	<0.5	<0.2	
1147666	Soil	34	0.24	249	0.112	<1	2.08	0.013	0.13	<0.1	0.03	2.0	<0.1	<0.05	6	<0.5	<0.2	
1147667	Soil	34	0.30	501	0.159	2	2.76	0.014	0.48	<0.1	0.04	2.3	0.2	<0.05	7	<0.5	<0.2	
1147668	Soil	30	0.36	620	0.157	2	3.02	0.013	0.46	<0.1	0.07	2.6	0.2	<0.05	8	<0.5	<0.2	
1147669	Soil	68	0.47	177	0.076	<1	2.23	0.017	0.17	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2	
1147670	Soil	109	0.79	348	0.111	1	3.90	0.017	0.13	<0.1	0.03	4.7	<0.1	<0.05	11	<0.5	<0.2	
1147671	Soil	53	0.45	924	0.262	2	2.76	0.015	0.54	<0.1	0.06	2.7	0.3	<0.05	7	<0.5	<0.2	
1147672	Soil	75	0.71	368	0.131	2	2.64	0.025	0.22	<0.1	0.02	5.7	<0.1	<0.05	8	<0.5	<0.2	
1147673	Soil	37	0.72	223	0.157	2	3.35	0.022	0.27	<0.1	0.05	3.7	0.1	<0.05	9	<0.5	<0.2	
1147674	Soil	30	0.68	469	0.080	2	3.87	0.023	0.41	<0.1	0.04	2.7	<0.1	<0.05	9	<0.5	<0.2	
1147675	Soil	74	0.89	284	0.108	<1	3.31	0.021	0.20	<0.1	0.04	4.1	<0.1	<0.05	8	<0.5	<0.2	
1147676	Soil	67	0.46	413	0.090	2	3.60	0.014	0.32	<0.1	0.03	3.5	<0.1	<0.05	10	<0.5	<0.2	
1147677	Soil	50	0.56	518	0.191	<1	3.91	0.025	0.36	<0.1	0.04	4.5	<0.1	<0.05	9	<0.5	<0.2	
1147678	Soil	56	0.69	257	0.097	<1	3.26	0.022	0.22	<0.1	0.02	4.2	<0.1	<0.05	8	<0.5	<0.2	
1147679	Soil	50	0.59	599	0.149	1	4.37	0.021	0.30	<0.1	0.03	4.1	<0.1	<0.05	10	<0.5	<0.2	
1147680	Soil	43	0.96	234	0.031	<1	3.10	0.013	0.34	<0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 8 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
		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	1
1147681	Soil	0.8	20.8	9.9	183	0.5	12.8	7.2	803	1.52	2.6	1.7	0.5	125	3.3	0.2	0.2	33	1.32	0.156	6
1147682	Soil	0.4	20.9	12.0	107	0.4	19.7	8.8	353	2.58	5.5	4.1	1.6	66	0.5	0.6	0.2	68	0.50	0.126	13
1147683	Soil	0.7	14.0	12.3	154	0.2	20.6	8.7	762	2.58	8.1	5.4	1.8	65	0.5	0.4	0.3	64	0.50	0.203	11
1147684	Soil	0.5	17.2	11.4	106	<0.1	25.3	13.0	851	3.00	13.5	4.1	1.9	81	0.3	0.7	0.2	74	0.58	0.121	14
1147685	Soil	0.5	45.8	8.3	95	<0.1	46.4	19.5	686	3.73	4.0	2.9	3.7	192	0.1	0.3	0.1	84	0.90	0.163	25
1147686	Soil	0.9	16.4	10.6	202	<0.1	22.0	9.7	516	3.09	1.5	<0.5	1.6	63	0.2	<0.1	0.2	69	0.31	0.380	6
1147687	Soil	0.9	23.5	9.1	137	<0.1	34.6	14.1	687	3.46	1.3	<0.5	2.8	54	0.1	<0.1	0.1	71	0.26	0.364	9
1147688	Soil	0.8	14.8	6.6	175	<0.1	27.7	11.7	766	3.28	1.1	<0.5	1.4	43	<0.1	<0.1	<0.1	80	0.37	0.266	14
1147689	Soil	0.7	15.4	7.8	81	<0.1	25.6	11.3	686	2.70	1.0	<0.5	1.7	95	0.1	0.1	0.1	70	0.34	0.071	11
1147690	Soil	0.6	18.1	9.5	110	<0.1	23.6	10.8	532	3.07	0.8	0.6	3.1	105	<0.1	<0.1	0.1	69	0.52	0.094	13
1147691	Soil	0.4	18.2	7.3	68	<0.1	22.9	8.0	296	2.66	0.8	<0.5	1.9	313	<0.1	<0.1	0.1	57	0.64	0.048	10
1147692	Soil	0.6	22.9	9.0	262	<0.1	28.7	12.5	1410	3.27	1.6	<0.5	1.6	146	0.3	<0.1	0.2	58	0.60	0.197	8
1147693	Soil	0.6	19.3	10.4	209	0.1	28.7	12.4	606	3.11	1.8	0.5	3.2	75	0.3	0.1	0.2	57	0.46	0.334	9
1147694	Soil	0.6	11.2	10.5	170	<0.1	21.8	8.9	845	2.43	1.8	0.6	1.8	111	0.4	<0.1	0.2	44	0.79	0.343	7
1147695	Soil	0.7	14.6	8.1	122	<0.1	25.3	10.7	783	2.67	2.1	<0.5	1.6	90	0.1	0.2	0.1	48	0.61	0.274	7
1147696	Soil	0.5	19.5	7.5	155	0.3	38.6	21.6	1116	3.98	18.7	4.8	0.7	46	0.6	0.2	0.1	96	0.62	0.339	5
1147697	Soil	0.4	13.6	9.2	129	0.2	27.6	13.6	982	3.35	5.2	<0.5	1.0	34	0.6	0.2	0.1	76	0.33	0.260	6
1147698	Soil	0.5	9.3	9.7	131	0.2	16.2	9.8	1568	2.69	3.2	0.9	0.7	38	0.7	0.2	0.1	64	0.69	0.117	5
1147699	Soil	0.4	21.4	10.1	150	0.2	16.6	10.2	791	3.43	5.1	<0.5	1.1	31	0.4	0.2	0.1	62	0.33	0.197	6
1147700	Soil	0.5	20.2	9.7	107	0.1	27.8	13.8	1124	3.49	6.7	1.6	1.5	60	0.3	0.2	0.1	69	0.51	0.110	15
1147701	Soil	0.5	15.3	10.1	114	0.2	28.2	12.5	997	3.13	3.3	1.2	1.5	49	0.8	0.2	0.2	62	0.55	0.143	10
1147702	Soil	0.5	10.9	10.1	105	<0.1	19.9	10.6	1285	2.66	4.3	<0.5	0.8	37	0.5	0.2	0.1	59	0.46	0.123	6
1147703	Soil	0.4	15.3	9.0	76	<0.1	17.1	8.7	709	2.64	7.1	1.0	0.4	52	0.3	0.3	0.1	59	0.36	0.054	6
1147704	Soil	0.4	41.6	9.2	92	0.2	30.3	11.2	763	3.00	9.7	0.9	1.1	88	1.0	0.2	0.1	75	0.60	0.070	11
1147705	Soil	0.4	16.4	8.0	83	<0.1	19.7	8.8	470	2.34	6.8	1.3	0.7	77	0.5	0.3	0.1	52	0.53	0.069	12



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 8 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006374.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
1147681	Soil	16	0.34	309	0.049	8	1.00	0.013	0.21	<0.1	0.13	2.3	<0.1	<0.05	4	<0.5	<0.2
1147682	Soil	28	0.48	226	0.078	2	1.44	0.025	0.08	0.1	0.06	5.6	<0.1	<0.05	4	<0.5	<0.2
1147683	Soil	26	0.48	246	0.110	4	1.53	0.066	0.16	0.1	0.03	6.3	<0.1	0.05	4	<0.5	<0.2
1147684	Soil	30	0.59	207	0.107	3	1.05	0.029	0.09	<0.1	0.02	4.3	<0.1	0.09	3	<0.5	<0.2
1147685	Soil	47	1.32	265	0.167	2	2.18	0.038	0.25	<0.1	0.02	9.6	0.1	<0.05	6	<0.5	<0.2
1147686	Soil	47	0.39	377	0.168	2	2.45	0.015	0.14	0.1	0.03	4.4	<0.1	<0.05	10	<0.5	<0.2
1147687	Soil	51	0.57	287	0.192	1	3.27	0.020	0.13	0.1	0.03	5.2	<0.1	<0.05	9	<0.5	<0.2
1147688	Soil	39	0.43	213	0.217	1	2.33	0.015	0.07	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1147689	Soil	45	0.36	263	0.159	2	2.05	0.038	0.14	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1147690	Soil	89	0.42	604	0.267	1	2.75	0.026	0.35	<0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
1147691	Soil	59	0.42	577	0.171	1	2.60	0.048	0.42	<0.1	0.01	6.4	0.1	<0.05	5	<0.5	<0.2
1147692	Soil	78	0.68	449	0.136	2	3.52	0.019	0.26	<0.1	0.03	4.8	0.2	<0.05	10	<0.5	<0.2
1147693	Soil	37	0.52	345	0.087	2	2.92	0.018	0.18	<0.1	0.02	5.8	<0.1	<0.05	8	<0.5	<0.2
1147694	Soil	28	0.41	414	0.099	4	2.44	0.008	0.45	<0.1	0.03	3.2	<0.1	0.06	7	<0.5	<0.2
1147695	Soil	33	0.46	284	0.086	2	2.52	0.026	0.19	<0.1	0.06	4.3	<0.1	<0.05	7	<0.5	<0.2
1147696	Soil	65	1.22	160	0.103	4	3.64	0.008	0.07	0.2	0.03	10.1	<0.1	<0.05	12	<0.5	<0.2
1147697	Soil	33	0.63	194	0.091	2	2.81	0.013	0.09	0.1	0.03	5.6	<0.1	<0.05	8	<0.5	<0.2
1147698	Soil	24	0.38	173	0.077	4	1.70	0.007	0.14	<0.1	0.05	3.8	<0.1	<0.05	6	<0.5	<0.2
1147699	Soil	20	0.57	153	0.048	3	2.64	0.008	0.13	<0.1	0.04	5.0	0.1	0.05	8	<0.5	<0.2
1147700	Soil	31	0.63	257	0.105	2	2.82	0.027	0.10	<0.1	0.03	6.2	<0.1	<0.05	8	<0.5	<0.2
1147701	Soil	26	0.50	269	0.062	2	2.69	0.018	0.15	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1147702	Soil	23	0.41	218	0.062	2	2.18	0.019	0.09	<0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1147703	Soil	20	0.39	155	0.048	2	1.75	0.012	0.09	<0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1147704	Soil	29	0.52	242	0.052	3	2.41	0.020	0.08	<0.1	0.03	7.1	<0.1	0.06	7	<0.5	<0.2
1147705	Soil	21	0.46	166	0.044	3	1.54	0.019	0.08	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN11006374.1

Method	Analyte	Unit	MDL	1DX15 Mo ppm	1DX15 Cu ppm	1DX15 Pb ppm	1DX15 Zn ppm	1DX15 Ag ppm	1DX15 Ni ppm	1DX15 Co ppm	1DX15 Mn ppm	1DX15 Fe %	1DX15 As ppm	1DX15 Au ppb	1DX15 Th ppm	1DX15 Sr ppm	1DX15 Cd ppm	1DX15 Sb ppm	1DX15 Bi ppm	1DX15 V ppm	1DX15 Ca %	1DX15 P %	1DX15 La ppm
Pulp Duplicates				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	1
	1147507	Soil		0.7	16.6	6.2	72	<0.1	31.7	11.1	284	3.03	0.6	<0.5	2.6	68	<0.1	<0.1	<0.1	76	0.29	0.199	7
	REP 1147507	QC		0.7	17.3	6.5	74	<0.1	33.0	11.6	293	3.10	0.5	<0.5	2.7	74	<0.1	<0.1	<0.1	73	0.31	0.219	8
	1147523	Soil		0.4	33.2	13.5	107	0.4	38.4	15.7	507	3.65	6.3	0.9	1.2	39	0.2	0.4	<0.1	82	0.42	0.126	7
	REP 1147523	QC		0.5	34.0	13.7	104	0.5	38.1	16.1	523	3.75	6.3	<0.5	1.2	40	0.1	0.3	0.1	81	0.41	0.127	7
	1147546	Soil		0.5	19.7	4.8	71	<0.1	25.9	11.6	298	2.98	1.3	1.0	1.9	85	0.1	0.1	<0.1	73	0.41	0.145	13
	REP 1147546	QC		0.6	21.8	5.1	75	<0.1	28.0	12.4	327	3.09	1.2	0.9	2.0	95	0.1	0.1	<0.1	77	0.45	0.160	14
	1147561	Soil		0.3	22.3	7.6	69	0.2	22.2	9.3	345	2.08	1.4	3.5	1.4	67	0.2	0.2	0.1	52	0.98	0.068	16
	REP 1147561	QC		0.2	24.0	7.2	72	0.2	22.8	9.7	370	2.21	2.0	2.2	1.4	67	0.2	0.2	0.1	54	1.00	0.071	17
	1147576	Soil		0.6	20.7	11.5	199	0.2	22.0	12.0	715	3.00	15.4	16.9	1.2	65	0.9	0.7	0.2	72	0.63	0.190	13
	REP 1147576	QC		0.5	20.3	12.0	192	0.2	21.3	12.0	687	2.96	15.1	1.6	1.1	63	0.9	0.6	0.2	70	0.59	0.187	12
	1147595	Soil		0.5	23.9	8.7	98	0.1	34.4	14.2	368	4.05	3.6	<0.5	2.7	92	0.2	<0.1	<0.1	88	0.44	0.096	12
	REP 1147595	QC		0.5	23.5	8.4	94	0.1	33.5	13.3	337	3.87	3.4	<0.5	2.6	89	0.2	<0.1	<0.1	81	0.42	0.091	12
	1147619	Soil		0.5	14.6	6.1	76	<0.1	17.9	8.2	426	2.66	8.0	1.2	0.6	26	0.2	0.4	0.1	57	0.29	0.083	5
	REP 1147619	QC		0.5	14.0	6.2	74	<0.1	17.0	7.8	403	2.54	7.5	1.7	0.6	25	0.2	0.5	<0.1	55	0.29	0.080	5
	1147646	Soil		0.5	19.6	9.5	139	0.1	33.7	12.4	544	3.53	1.9	<0.5	1.6	229	0.2	<0.1	<0.1	82	0.79	0.161	6
	REP 1147646	QC		0.4	20.0	9.8	139	0.1	34.0	12.3	547	3.41	1.8	<0.5	1.6	216	0.2	<0.1	<0.1	82	0.79	0.164	6
	1147655	Soil		0.5	17.0	8.3	66	<0.1	21.3	11.9	409	3.18	1.3	1.3	3.2	106	0.1	0.2	0.2	68	0.47	0.043	10
	REP 1147655	QC		0.4	16.6	8.5	67	<0.1	21.7	12.1	420	3.15	1.2	<0.5	3.2	101	<0.1	0.1	0.2	69	0.47	0.043	10
	1147672	Soil		0.3	23.7	5.2	111	<0.1	51.8	16.5	705	3.44	<0.5	1.0	2.0	139	<0.1	<0.1	0.1	36	0.51	0.222	13
	REP 1147672	QC		0.3	22.5	5.5	107	<0.1	49.8	16.0	728	3.50	<0.5	0.5	2.0	143	<0.1	<0.1	0.1	37	0.53	0.224	14
	1147692	Soil		0.6	22.9	9.0	262	<0.1	28.7	12.5	1410	3.27	1.6	<0.5	1.6	146	0.3	<0.1	0.2	58	0.60	0.197	8
	REP 1147692	QC		0.6	23.7	8.8	257	<0.1	29.4	12.2	1349	3.20	1.5	<0.5	1.6	144	0.4	<0.1	0.2	56	0.60	0.190	8
	1147702	Soil		0.5	10.9	10.1	105	<0.1	19.9	10.6	1285	2.66	4.3	<0.5	0.8	37	0.5	0.2	0.1	59	0.46	0.123	6
	REP 1147702	QC		0.4	10.8	9.8	101	<0.1	19.5	10.5	1220	2.67	4.1	<0.5	0.8	37	0.5	0.2	0.1	55	0.46	0.122	6
Reference Materials																							
	STD DS8	Standard		13.9	109.4	127.6	326	1.8	40.3	8.3	621	2.67	26.7	196.6	6.7	69	2.3	5.9	6.4	42	0.72	0.082	14
	STD DS8	Standard		13.7	108.2	131.3	313	1.9	38.0	7.4	604	2.45	26.7	132.3	6.6	69	2.3	5.7	6.7	43	0.70	0.077	16
	STD DS8	Standard		13.3	112.2	122.4	309	1.7	40.6	7.7	623	2.55	29.2	105.4	6.6	67	2.2	5.2	5.8	48	0.71	0.078	15

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
15th Floor, 1040 W. Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 13, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006374.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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	
MDL	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																	
1147507	Soil	44	0.45	371	0.198	<1	3.28	0.018	0.09	<0.1	0.03	2.7	<0.1	<0.05	8	<0.5	<0.2
REP 1147507	QC	41	0.48	402	0.201	<1	3.56	0.019	0.11	0.1	0.04	2.8	<0.1	<0.05	9	<0.5	<0.2
1147523	Soil	38	0.97	234	0.076	1	2.50	0.017	0.09	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
REP 1147523	QC	36	1.02	239	0.072	1	2.56	0.011	0.08	<0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1147546	Soil	39	0.55	238	0.139	1	1.73	0.030	0.12	<0.1	0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
REP 1147546	QC	41	0.59	250	0.143	<1	1.78	0.032	0.12	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1147561	Soil	31	0.60	171	0.081	2	1.52	0.031	0.07	<0.1	0.04	5.4	<0.1	<0.05	4	0.6	<0.2
REP 1147561	QC	33	0.65	173	0.097	4	1.60	0.033	0.09	<0.1	0.06	5.3	<0.1	<0.05	5	0.8	<0.2
1147576	Soil	30	0.55	238	0.079	3	1.24	0.019	0.13	0.1	0.01	4.1	<0.1	0.05	4	<0.5	<0.2
REP 1147576	QC	29	0.53	226	0.074	3	1.26	0.018	0.13	<0.1	0.01	3.8	<0.1	0.08	4	<0.5	<0.2
1147595	Soil	97	0.90	327	0.173	<1	4.29	0.026	0.11	<0.1	0.02	5.3	0.1	<0.05	11	<0.5	<0.2
REP 1147595	QC	89	0.85	309	0.161	<1	4.15	0.024	0.12	<0.1	0.01	4.9	0.1	0.07	11	<0.5	<0.2
1147619	Soil	20	0.44	81	0.053	2	1.16	0.033	0.07	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 1147619	QC	20	0.42	84	0.054	2	1.17	0.009	0.07	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1147646	Soil	91	0.92	419	0.214	<1	4.39	0.020	0.40	<0.1	0.04	4.4	0.3	<0.05	11	<0.5	<0.2
REP 1147646	QC	87	0.91	411	0.211	<1	4.65	0.020	0.41	<0.1	0.04	4.3	0.2	<0.05	11	<0.5	<0.2
1147655	Soil	37	0.64	221	0.121	1	2.10	0.019	0.17	<0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
REP 1147655	QC	36	0.65	217	0.116	2	2.08	0.020	0.16	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1147672	Soil	75	0.71	368	0.131	2	2.64	0.025	0.22	<0.1	0.02	5.7	<0.1	<0.05	8	<0.5	<0.2
REP 1147672	QC	77	0.74	356	0.135	1	2.86	0.025	0.23	<0.1	0.03	5.7	<0.1	<0.05	8	<0.5	<0.2
1147692	Soil	78	0.68	449	0.136	2	3.52	0.019	0.26	<0.1	0.03	4.8	0.2	<0.05	10	<0.5	<0.2
REP 1147692	QC	78	0.66	424	0.130	2	3.47	0.023	0.25	<0.1	0.03	4.8	0.2	<0.05	9	<0.5	<0.2
1147702	Soil	23	0.41	218	0.062	2	2.18	0.019	0.09	<0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
REP 1147702	QC	22	0.39	214	0.058	2	2.02	0.024	0.09	<0.1	0.04	4.4	<0.1	<0.05	7	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	122	0.62	292	0.119	3	0.94	0.102	0.42	3.2	0.22	2.7	5.7	0.15	5	6.1	5.1
STD DS8	Standard	119	0.59	283	0.110	2	0.90	0.112	0.45	3.1	0.21	2.3	5.7	0.13	5	5.3	5.1
STD DS8	Standard	121	0.61	275	0.115	2	0.93	0.092	0.45	2.8	0.19	2.4	5.5	0.24	5	4.7	5.1

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 13, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN11006374.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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	1
STD DS8	Standard	12.5	102.1	116.7	307	1.8	34.8	6.9	570	2.32	25.9	119.4	6.2	64	2.2	5.1	6.1	39	0.65	0.068	14
STD DS8	Standard	13.6	113.7	134.4	330	1.9	40.4	7.8	628	2.59	27.3	123.1	7.0	68	2.4	5.4	6.2	46	0.73	0.082	16
STD DS8	Standard	13.2	114.9	128.1	305	1.7	41.3	8.0	598	2.46	27.5	111.8	6.4	72	2.2	5.4	6.5	45	0.69	0.079	14
STD DS8	Standard	13.1	109.5	125.3	315	1.8	38.4	7.7	646	2.39	25.9	108.6	6.6	70	2.1	5.3	6.2	43	0.71	0.075	16
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
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	<1
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	<1
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	<1
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	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
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	<1
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	<1



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 13, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006374.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
STD DS8	Standard	106	0.56	259	0.105	2	0.85	0.086	0.39	2.8	0.19	2.0	5.4	0.14	4	4.8	4.6
STD DS8	Standard	126	0.66	288	0.124	3	1.00	0.117	0.44	3.2	0.22	2.3	5.6	0.16	5	4.9	5.2
STD DS8	Standard	118	0.60	298	0.120	3	1.01	0.094	0.47	2.9	0.20	2.9	5.5	0.17	5	5.1	4.6
STD DS8	Standard	122	0.60	274	0.118	2	0.94	0.111	0.43	3.0	0.20	2.6	5.2	0.17	4	6.2	4.3
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Submitted By: Eric Titley
Receiving Lab: Canada-Vancouver
Received: November 21, 2011
Report Date: December 10, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS

VAN11006375.1

CLIENT JOB INFORMATION

Project: BUCK
Shipment ID:
P.O. Number
Number of Samples: 234

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8
Canada

CC: Mark Rebagliati
Lena Brommeland
hddata

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include methods like Dry at 60C, SS80, RJSV, and 1DX2.

ADDITIONAL COMMENTS



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.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 2 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147706	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147707	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147708	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147709	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147710	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147711	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147712	Soil	0.6	51.7	6.7	87	<0.1	58.8	24.0	855	3.56	1.3	1.5	3.1	213	0.1	0.1	<0.1	75	0.83	0.131	21
1147713	Soil	0.6	16.4	8.2	73	<0.1	19.8	10.4	339	2.98	9.0	10.7	1.7	57	0.2	0.7	0.1	82	0.43	0.108	11
1147714	Soil	0.5	48.9	7.7	96	<0.1	48.1	24.5	1242	3.02	2.2	0.9	2.9	147	0.2	0.3	0.1	53	0.68	0.106	17
1147715	Soil	0.7	32.3	8.2	106	<0.1	11.6	10.5	874	2.65	<0.5	<0.5	3.0	64	0.2	<0.1	0.1	48	0.49	0.142	12
1147716	Soil	0.7	35.9	10.5	119	<0.1	21.9	15.5	983	3.98	<0.5	1.3	6.1	67	0.2	<0.1	0.3	39	0.60	0.112	22
1147717	Soil	0.8	23.1	8.6	124	<0.1	13.2	11.4	615	2.83	<0.5	<0.5	3.7	72	0.2	<0.1	0.1	65	0.56	0.158	10
1147718	Soil	1.3	27.4	11.2	268	<0.1	14.7	8.6	1503	2.69	<0.5	<0.5	2.8	31	0.2	<0.1	0.1	40	0.33	0.349	4
1147719	Soil	0.7	15.5	7.9	111	<0.1	28.3	10.3	598	3.01	<0.5	<0.5	2.3	68	<0.1	<0.1	<0.1	56	0.37	0.145	9
1147720	Soil	0.7	19.5	9.1	173	<0.1	35.6	13.1	800	3.04	<0.5	<0.5	1.9	112	0.1	<0.1	0.2	53	0.39	0.305	7
1147721	Soil	1.3	28.5	5.5	160	<0.1	43.0	14.5	1163	2.40	<0.5	<0.5	1.5	535	0.2	<0.1	0.2	27	0.82	0.124	9
1147722	Soil	0.6	29.2	10.6	314	<0.1	32.5	12.4	1902	3.11	<0.5	<0.5	1.9	213	0.4	<0.1	0.2	26	0.96	0.343	6
1147723	Soil	0.7	25.0	9.1	137	<0.1	26.7	10.3	560	2.97	<0.5	<0.5	1.7	55	0.2	<0.1	0.1	58	0.31	0.339	9
1147724	Soil	0.5	14.3	4.4	126	<0.1	28.2	11.7	657	2.34	<0.5	<0.5	1.5	338	<0.1	<0.1	0.1	25	0.62	0.276	5
1147725	Soil	0.4	12.8	5.1	146	<0.1	26.5	8.8	346	2.65	<0.5	<0.5	1.1	282	<0.1	<0.1	<0.1	40	0.58	0.159	5
1147726	Soil	0.3	13.0	4.6	119	<0.1	35.0	9.5	521	2.45	<0.5	<0.5	1.0	275	0.1	<0.1	<0.1	31	0.59	0.094	4
1147727	Soil	0.6	19.4	6.4	139	<0.1	32.0	9.4	436	2.62	<0.5	<0.5	2.1	167	0.6	<0.1	0.1	36	1.28	0.516	5
1147728	Soil	0.8	15.2	11.2	218	0.2	19.5	11.1	879	2.53	0.8	0.7	0.9	67	0.8	<0.1	0.1	49	0.74	0.282	7
1147729	Soil	0.4	26.0	9.7	215	0.6	15.1	7.4	2267	2.54	3.4	<0.5	0.8	62	1.6	0.2	0.1	41	1.24	0.053	13
1147730	Soil	0.6	10.2	11.2	358	0.1	5.9	7.3	2086	2.33	5.9	<0.5	0.2	35	3.3	0.2	<0.1	42	0.85	0.086	7
1147731	Soil	0.5	42.9	5.2	156	<0.1	1.0	2.3	289	1.52	4.5	<0.5	0.2	7	0.3	<0.1	<0.1	13	0.16	0.052	2
1147732	Soil	0.4	15.1	8.8	238	0.4	12.7	8.2	1739	2.87	6.8	<0.5	1.1	41	1.3	0.3	0.1	49	0.73	0.038	14
1147733	Soil	0.5	14.5	7.4	63	0.1	20.0	9.6	547	2.68	8.0	0.6	1.1	42	0.2	0.4	<0.1	57	0.38	0.048	8
1147734	Soil	0.4	11.2	5.5	73	<0.1	17.0	7.3	354	2.31	4.6	<0.5	0.8	26	0.1	0.3	<0.1	51	0.21	0.025	6
1147735	Soil	0.3	12.6	5.5	72	<0.1	18.2	6.6	326	2.17	4.8	<0.5	0.9	28	<0.1	0.4	<0.1	47	0.27	0.035	6

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 2 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
1147706	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147707	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147708	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147709	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147710	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147711	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147712	Soil	64	1.85	341	0.121	<1	1.83	0.040	0.18	<0.1	0.01	6.3	0.2	<0.05	6	<0.5	<0.2
1147713	Soil	38	0.50	177	0.102	2	0.99	0.023	0.13	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1147714	Soil	35	1.31	366	0.110	1	1.68	0.033	0.20	0.1	0.02	6.7	0.2	<0.05	5	<0.5	<0.2
1147715	Soil	24	0.45	387	0.231	<1	1.99	0.022	0.17	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1147716	Soil	33	0.71	298	0.304	<1	4.35	0.016	0.17	<0.1	0.02	8.9	0.3	<0.05	11	<0.5	<0.2
1147717	Soil	45	0.43	433	0.275	<1	2.46	0.025	0.25	0.1	0.03	4.2	<0.1	<0.05	7	<0.5	<0.2
1147718	Soil	30	0.35	348	0.251	1	3.59	0.015	0.17	0.1	0.04	2.9	0.1	<0.05	10	<0.5	<0.2
1147719	Soil	42	0.37	348	0.181	1	2.98	0.022	0.14	0.1	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
1147720	Soil	51	0.69	340	0.120	2	3.45	0.023	0.18	<0.1	0.02	4.2	0.1	<0.05	9	<0.5	<0.2
1147721	Soil	69	0.68	583	0.081	1	3.07	0.022	0.47	<0.1	0.03	4.2	<0.1	<0.05	7	<0.5	<0.2
1147722	Soil	47	0.65	789	0.148	3	3.14	0.015	0.40	<0.1	0.05	4.4	<0.1	<0.05	10	<0.5	<0.2
1147723	Soil	43	0.45	245	0.175	<1	3.22	0.014	0.10	<0.1	0.04	2.8	0.2	<0.05	10	<0.5	<0.2
1147724	Soil	97	0.54	400	0.078	<1	2.53	0.017	0.35	<0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
1147725	Soil	61	0.59	364	0.063	<1	3.56	0.022	0.23	<0.1	0.03	2.9	<0.1	<0.05	9	<0.5	<0.2
1147726	Soil	62	0.43	365	0.110	<1	2.83	0.018	0.25	<0.1	0.03	2.8	<0.1	<0.05	8	<0.5	<0.2
1147727	Soil	55	0.71	480	0.107	2	3.46	0.012	0.31	<0.1	0.03	4.1	<0.1	<0.05	9	<0.5	<0.2
1147728	Soil	23	0.42	252	0.073	<1	2.22	0.010	0.14	<0.1	0.04	2.8	<0.1	<0.05	8	<0.5	<0.2
1147729	Soil	18	0.38	269	0.033	7	1.98	0.017	0.08	<0.1	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1147730	Soil	9	0.16	159	0.018	4	0.93	0.008	0.10	<0.1	0.05	3.5	<0.1	0.05	3	<0.5	<0.2
1147731	Soil	2	0.08	46	0.002	2	0.69	0.003	0.18	<0.1	0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1147732	Soil	18	0.46	241	0.032	4	2.11	0.018	0.10	<0.1	0.03	7.0	<0.1	<0.05	5	<0.5	<0.2
1147733	Soil	22	0.54	140	0.073	2	1.41	0.019	0.07	<0.1	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
1147734	Soil	20	0.43	156	0.070	<1	1.36	0.013	0.05	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1147735	Soil	20	0.44	112	0.067	<1	1.20	0.013	0.05	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 3 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147736	Soil	0.4	57.4	8.8	129	0.6	34.4	11.6	1103	3.25	4.6	0.6	1.3	117	0.8	0.4	0.1	62	1.50	0.053	24
1147737	Soil	0.3	12.1	6.1	48	<0.1	15.1	6.5	358	2.15	4.0	<0.5	1.1	45	<0.1	0.3	<0.1	49	0.31	0.016	9
1147738	Soil	0.4	11.5	5.5	67	<0.1	14.7	6.5	412	2.16	3.5	0.9	0.7	32	<0.1	0.2	<0.1	47	0.23	0.033	7
1147739	Soil	0.4	21.7	7.1	90	0.2	28.5	9.4	539	3.04	3.6	1.0	1.6	76	0.3	0.3	0.1	60	0.54	0.034	12
1147740	Soil	0.4	11.3	8.2	90	0.1	16.7	7.3	295	2.35	2.4	<0.5	0.9	48	0.2	0.2	0.1	52	0.31	0.071	7
1147741	Soil	0.3	11.3	7.3	92	0.1	18.6	6.9	251	2.16	2.3	<0.5	0.9	48	0.1	0.2	<0.1	47	0.29	0.055	7
1147742	Soil	0.3	14.4	6.0	58	<0.1	19.4	7.5	408	2.48	4.9	<0.5	1.3	50	0.1	0.3	<0.1	54	0.35	0.055	9
1147743	Soil	0.4	11.5	6.7	105	<0.1	18.7	7.8	314	2.43	4.1	<0.5	0.8	53	0.3	0.3	<0.1	50	0.35	0.086	5
1147744	Soil	0.4	12.9	6.5	59	<0.1	21.4	8.9	413	2.58	5.0	0.9	1.0	76	0.2	0.3	<0.1	56	0.39	0.033	9
1147745	Soil	0.4	24.8	7.5	82	0.2	23.5	8.2	556	2.85	7.0	3.8	1.1	53	0.2	0.4	0.1	59	0.39	0.039	11
1147746	Soil	0.4	33.2	8.1	129	0.3	30.2	10.5	736	3.23	6.2	<0.5	1.4	99	0.5	0.4	0.1	60	0.65	0.075	18
1147747	Soil	0.5	12.1	4.6	105	<0.1	33.6	10.8	162	2.82	<0.5	<0.5	0.7	40	<0.1	<0.1	<0.1	76	0.34	0.203	4
1147748	Soil	0.6	12.7	6.2	145	<0.1	22.3	9.9	732	2.45	<0.5	<0.5	2.0	99	0.1	<0.1	0.2	39	0.54	0.197	7
1147749	Soil	0.5	10.8	6.7	78	<0.1	14.5	7.1	430	2.33	<0.5	1.1	1.5	62	<0.1	<0.1	0.1	60	0.32	0.065	6
1147750	Soil	0.6	22.1	7.8	44	<0.1	17.9	9.2	440	2.49	<0.5	<0.5	3.7	50	<0.1	<0.1	0.2	50	0.46	0.045	22
1147751	Soil	0.4	22.8	8.1	86	<0.1	34.9	13.0	571	3.21	<0.5	<0.5	2.4	58	<0.1	<0.1	0.1	58	0.49	0.101	11
1147752	Soil	0.4	18.6	9.0	98	<0.1	19.1	9.3	290	2.67	<0.5	1.1	2.2	69	<0.1	<0.1	0.1	33	0.41	0.241	7
1147753	Soil	0.4	17.3	9.3	156	<0.1	20.6	9.2	726	2.32	<0.5	0.7	1.0	76	0.1	0.1	0.1	37	0.62	0.212	7
1147754	Soil	0.3	13.8	7.0	113	<0.1	13.1	7.5	518	1.94	<0.5	0.6	1.8	62	<0.1	<0.1	<0.1	29	0.44	0.092	8
1147755	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147756	Soil	0.5	22.3	8.3	84	0.1	26.5	14.9	555	2.98	2.3	0.8	2.5	96	0.2	0.4	0.1	63	0.68	0.106	14
1147757	Soil	0.5	21.5	7.6	82	<0.1	20.4	10.3	488	2.60	3.7	4.6	2.2	80	0.1	0.5	0.1	57	0.77	0.116	13
1147758	Soil	0.5	23.0	5.7	66	<0.1	26.8	13.1	510	2.76	1.8	1.8	1.6	93	0.1	0.3	<0.1	60	0.66	0.133	15
1147759	Soil	0.4	35.4	6.1	76	<0.1	43.6	18.3	972	2.88	1.5	1.1	2.7	91	0.1	0.2	<0.1	53	0.65	0.120	19
1147760	Soil	0.6	13.6	8.1	140	<0.1	20.6	7.8	435	2.35	<0.5	<0.5	1.6	49	0.1	0.1	<0.1	35	0.30	0.268	6
1147761	Soil	0.5	22.1	6.0	160	<0.1	42.3	11.5	628	2.82	<0.5	<0.5	1.3	89	<0.1	<0.1	<0.1	42	0.55	0.352	6
1147762	Soil	0.3	15.8	4.8	181	<0.1	51.2	13.7	548	2.65	<0.5	<0.5	1.9	341	<0.1	<0.1	<0.1	34	0.56	0.345	5
1147763	Soil	0.3	18.3	3.7	119	<0.1	43.6	15.8	752	2.56	<0.5	<0.5	2.2	100	<0.1	<0.1	<0.1	40	0.58	0.078	15
1147764	Soil	0.9	28.4	15.0	125	<0.1	22.2	9.1	586	2.59	<0.5	<0.5	2.3	96	0.1	<0.1	0.1	48	0.55	0.161	15
1147765	Soil	0.7	33.3	8.7	130	0.1	20.0	8.8	330	3.14	<0.5	<0.5	3.7	60	0.2	<0.1	0.1	38	0.46	0.267	9

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 3 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
				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	
1147736	Soil			29	0.67	325	0.069	6	2.48	0.024	0.08	<0.1	0.04	6.7	<0.1	<0.05	6	0.9	<0.2
1147737	Soil			19	0.44	147	0.077	1	1.26	0.018	0.05	<0.1	0.01	3.4	<0.1	<0.05	3	<0.5	<0.2
1147738	Soil			19	0.39	130	0.057	<1	1.20	0.010	0.04	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1147739	Soil			30	0.65	241	0.108	2	2.01	0.023	0.10	<0.1	0.02	6.8	<0.1	<0.05	6	<0.5	<0.2
1147740	Soil			22	0.34	160	0.094	2	1.46	0.014	0.06	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1147741	Soil			22	0.51	187	0.090	<1	1.70	0.015	0.08	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1147742	Soil			22	0.52	162	0.080	2	1.38	0.021	0.07	<0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1147743	Soil			21	0.43	237	0.068	1	1.59	0.012	0.08	<0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1147744	Soil			23	0.55	240	0.083	<1	1.61	0.021	0.08	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1147745	Soil			26	0.59	205	0.060	2	1.81	0.018	0.08	<0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1147746	Soil			29	0.73	378	0.072	2	2.30	0.022	0.12	<0.1	0.03	6.9	<0.1	<0.05	6	0.6	<0.2
1147747	Soil			69	0.68	170	0.075	<1	2.93	0.010	0.13	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1147748	Soil			27	0.69	397	0.057	2	3.04	0.008	0.35	<0.1	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1147749	Soil			49	0.27	226	0.104	1	1.97	0.016	0.12	<0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1147750	Soil			32	0.58	128	0.236	<1	1.89	0.020	0.16	<0.1	0.03	5.6	0.2	<0.05	5	<0.5	<0.2
1147751	Soil			28	0.67	258	0.221	<1	3.39	0.024	0.10	<0.1	0.03	3.7	0.3	<0.05	8	<0.5	<0.2
1147752	Soil			35	0.58	274	0.151	<1	3.35	0.017	0.14	<0.1	0.03	3.4	<0.1	<0.05	10	<0.5	<0.2
1147753	Soil			26	0.48	275	0.100	<1	3.02	0.013	0.23	<0.1	0.04	2.6	0.2	<0.05	9	<0.5	<0.2
1147754	Soil			23	0.45	215	0.095	<1	2.40	0.017	0.13	<0.1	0.03	2.3	0.1	<0.05	7	<0.5	<0.2
1147755	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1147756	Soil			28	0.93	212	0.104	4	1.44	0.022	0.24	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1147757	Soil			25	0.65	203	0.093	3	1.15	0.019	0.17	<0.1	0.05	4.3	<0.1	<0.05	4	<0.5	<0.2
1147758	Soil			40	0.83	186	0.102	<1	1.27	0.021	0.19	0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1147759	Soil			49	1.43	202	0.096	1	1.58	0.031	0.16	<0.1	0.02	5.5	0.1	<0.05	5	<0.5	<0.2
1147760	Soil			36	0.40	296	0.115	<1	2.48	0.018	0.17	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1147761	Soil			57	0.73	418	0.091	1	3.62	0.014	0.29	<0.1	0.04	4.8	<0.1	<0.05	9	<0.5	<0.2
1147762	Soil			56	0.63	619	0.085	<1	4.31	0.014	0.30	<0.1	0.04	4.1	<0.1	<0.05	10	<0.5	<0.2
1147763	Soil			86	1.31	188	0.086	<1	1.78	0.032	0.22	<0.1	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
1147764	Soil			50	0.61	332	0.199	2	2.57	0.020	0.22	<0.1	0.04	4.0	0.2	<0.05	7	<0.5	<0.2
1147765	Soil			41	0.82	229	0.235	<1	3.32	0.021	0.16	<0.1	0.05	5.4	<0.1	<0.05	9	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 4 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
1147766	Soil	0.4	24.7	9.0	126	<0.1	34.5	9.6	623	2.82	<0.5	<0.5	2.4	92	0.2	<0.1	0.2	32	0.45	0.219	7
1147767	Soil	0.3	20.8	5.1	133	<0.1	43.1	14.1	547	2.55	<0.5	<0.5	1.6	602	0.1	<0.1	<0.1	24	0.72	0.255	7
1147768	Soil	0.5	16.2	6.5	113	<0.1	31.3	11.6	782	2.93	<0.5	<0.5	1.5	53	0.1	0.1	<0.1	56	0.31	0.187	6
1147769	Soil	0.5	16.3	6.0	127	<0.1	33.9	9.7	420	2.85	<0.5	<0.5	1.4	73	<0.1	0.2	<0.1	51	0.31	0.303	5
1147770	Soil	0.5	19.2	7.9	103	0.1	43.3	13.3	335	3.53	1.3	<0.5	2.5	84	0.1	0.2	<0.1	64	0.41	0.324	9
1147771	Soil	0.6	18.8	7.3	123	<0.1	36.4	10.7	434	3.03	<0.5	<0.5	2.4	95	0.1	0.1	0.1	54	0.33	0.443	7
1147772	Soil	0.8	19.8	6.9	130	0.1	29.7	10.6	566	3.09	0.5	<0.5	2.2	78	0.1	0.1	0.1	54	0.41	0.489	9
1147773	Soil	0.6	17.9	7.1	141	0.1	40.3	12.2	370	3.20	<0.5	<0.5	2.2	78	<0.1	0.1	0.1	51	0.32	0.384	8
1147774	Soil	0.5	18.6	9.9	88	0.2	32.0	12.0	271	3.52	<0.5	<0.5	4.4	107	0.1	0.1	0.1	61	0.56	0.398	15
1147775	Soil	0.4	8.4	5.7	61	0.1	14.4	5.9	248	2.09	2.3	1.8	0.7	21	0.1	0.3	<0.1	43	0.18	0.043	5
1147776	Soil	0.4	12.8	5.3	78	0.2	18.4	6.6	420	2.32	3.4	<0.5	0.6	27	0.1	0.4	<0.1	45	0.25	0.045	7
1147777	Soil	0.3	15.5	6.3	96	0.1	19.6	8.0	872	2.34	3.0	0.7	0.7	38	0.2	0.3	<0.1	44	0.32	0.055	10
1147778	Soil	0.4	15.8	6.4	58	<0.1	16.7	7.1	402	2.55	6.7	2.5	0.7	27	<0.1	0.5	<0.1	49	0.24	0.053	6
1147779	Soil	0.3	13.3	5.8	59	<0.1	16.1	6.7	434	2.22	4.1	0.6	0.9	29	0.1	0.3	<0.1	46	0.26	0.042	8
1147780	Soil	0.4	14.8	5.5	64	0.1	17.2	7.0	455	2.16	3.2	1.3	0.9	38	0.1	0.3	<0.1	41	0.30	0.038	9
1147781	Soil	0.5	45.4	9.4	144	0.5	42.1	13.3	917	3.86	7.4	0.6	1.3	120	0.5	0.4	0.2	61	0.81	0.082	23
1147782	Soil	0.2	16.4	5.8	88	0.2	20.7	7.3	366	2.34	3.8	1.1	1.0	57	0.2	0.3	<0.1	44	0.40	0.033	8
1147783	Soil	0.2	12.9	6.1	60	<0.1	16.7	6.5	384	2.21	4.4	<0.5	0.9	50	<0.1	0.3	<0.1	46	0.34	0.032	7
1147784	Soil	0.2	11.3	5.5	61	<0.1	15.9	6.0	344	2.19	2.8	0.5	0.9	56	<0.1	0.3	<0.1	44	0.35	0.025	7
1147785	Soil	0.3	14.2	6.8	64	0.1	18.9	7.6	381	2.49	5.1	1.4	1.3	52	0.2	0.4	0.1	52	0.43	0.031	7
1147786	Soil	0.4	14.2	8.7	115	0.1	17.6	8.9	711	2.56	4.2	0.9	0.8	51	0.3	0.3	0.1	55	0.37	0.056	8
1147787	Soil	0.4	66.6	8.5	203	0.9	56.8	11.1	816	4.11	10.1	4.2	2.5	147	0.9	0.3	0.2	63	0.98	0.138	38
1147788	Soil	0.4	10.2	7.2	69	<0.1	11.6	5.4	238	2.27	6.2	3.2	0.6	22	0.1	0.3	<0.1	50	0.17	0.074	4
1147789	Soil	0.3	14.9	9.7	72	<0.1	16.8	8.1	498	2.56	10.2	2.1	0.8	39	0.1	0.4	<0.1	56	0.31	0.070	6
1147790	Soil	0.3	11.9	6.3	64	<0.1	14.8	6.4	360	2.15	5.5	1.1	0.6	26	0.1	0.3	<0.1	47	0.21	0.046	6
1147791	Soil	0.3	8.6	6.5	52	<0.1	10.7	4.5	249	1.92	4.2	0.9	0.6	19	<0.1	0.3	<0.1	44	0.17	0.032	5
1147792	Soil	0.4	14.7	7.7	69	<0.1	16.5	7.5	528	2.52	8.5	<0.5	0.8	28	<0.1	0.5	0.1	54	0.26	0.051	6
1147793	Soil	0.3	10.9	4.7	63	<0.1	17.0	5.3	290	1.98	2.3	2.1	1.0	22	<0.1	0.2	<0.1	40	0.18	0.025	7
1147794	Soil	0.5	19.6	8.1	125	0.2	23.6	9.2	1297	2.63	4.1	1.1	0.7	34	0.2	0.3	0.1	53	0.28	0.089	8
1147795	Soil	0.4	10.9	6.7	65	0.1	12.5	5.2	238	2.05	5.6	1.9	0.6	20	0.2	0.3	<0.1	45	0.21	0.038	6

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 10, 2011

Page: 4 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
				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	
1147766	Soil			60	0.69	371	0.114	2	4.13	0.030	0.23	<0.1	0.04	4.2	<0.1	<0.05	10	<0.5	<0.2
1147767	Soil			93	0.68	1247	0.078	<1	4.07	0.028	0.38	<0.1	0.04	3.9	<0.1	<0.05	10	<0.5	<0.2
1147768	Soil			38	0.47	222	0.104	<1	2.37	0.018	0.12	<0.1	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2
1147769	Soil			42	0.58	244	0.076	2	2.87	0.013	0.12	<0.1	0.02	3.7	<0.1	<0.05	8	<0.5	<0.2
1147770	Soil			40	0.73	287	0.090	1	3.41	0.015	0.12	<0.1	0.02	5.1	<0.1	<0.05	9	<0.5	<0.2
1147771	Soil			39	0.61	402	0.107	<1	3.83	0.013	0.16	<0.1	0.03	4.1	<0.1	<0.05	10	<0.5	<0.2
1147772	Soil			39	0.52	363	0.115	1	3.02	0.013	0.15	<0.1	0.03	4.5	<0.1	<0.05	9	<0.5	<0.2
1147773	Soil			45	0.60	364	0.084	<1	4.12	0.011	0.13	<0.1	0.04	4.5	<0.1	<0.05	10	<0.5	<0.2
1147774	Soil			36	0.74	335	0.088	<1	3.90	0.013	0.15	<0.1	0.04	5.7	<0.1	<0.05	10	<0.5	<0.2
1147775	Soil			16	0.33	114	0.058	<1	1.13	0.013	0.06	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1147776	Soil			19	0.46	132	0.055	<1	1.31	0.015	0.07	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1147777	Soil			19	0.41	168	0.047	<1	1.39	0.014	0.06	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1147778	Soil			19	0.45	101	0.049	<1	1.24	0.011	0.06	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1147779	Soil			18	0.44	115	0.062	<1	1.24	0.011	0.06	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1147780	Soil			19	0.46	135	0.060	<1	1.31	0.012	0.07	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1147781	Soil			36	0.90	349	0.017	<1	3.43	0.016	0.17	<0.1	0.06	9.4	<0.1	<0.05	8	<0.5	<0.2
1147782	Soil			22	0.57	147	0.062	1	1.43	0.016	0.07	<0.1	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
1147783	Soil			20	0.47	122	0.063	<1	1.26	0.018	0.05	<0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1147784	Soil			18	0.43	118	0.076	<1	1.07	0.016	0.05	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
1147785	Soil			22	0.52	131	0.077	2	1.33	0.020	0.06	<0.1	0.02	4.7	<0.1	<0.05	4	<0.5	<0.2
1147786	Soil			22	0.47	160	0.069	2	1.39	0.020	0.07	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1147787	Soil			44	0.92	448	0.014	3	5.05	0.027	0.21	<0.1	0.07	14.2	0.1	<0.05	11	<0.5	<0.2
1147788	Soil			17	0.26	104	0.036	1	1.07	0.010	0.09	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1147789	Soil			20	0.46	122	0.056	2	1.29	0.012	0.08	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1147790	Soil			17	0.40	97	0.049	2	1.18	0.011	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1147791	Soil			16	0.32	78	0.049	1	0.96	0.008	0.06	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1147792	Soil			20	0.50	106	0.052	2	1.26	0.014	0.07	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1147793	Soil			17	0.46	110	0.062	1	1.30	0.012	0.05	<0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1147794	Soil			24	0.48	248	0.046	3	2.18	0.014	0.09	<0.1	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2
1147795	Soil			17	0.34	101	0.038	2	1.17	0.010	0.06	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 5 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	
			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	2	0.01	0.001	1	
1147796	Soil		0.5	13.9	7.9	86	<0.1	16.1	8.2	598	2.46	9.3	2.6	0.8	24	0.1	0.5	0.1	52	0.23	0.059	5
1147797	Soil		0.4	15.2	6.9	98	<0.1	18.3	7.2	825	2.38	6.3	1.5	0.7	24	0.1	0.3	0.1	50	0.23	0.058	8
1147798	Soil		0.5	21.4	9.3	83	0.1	19.5	8.3	693	2.58	9.3	1.7	1.0	55	0.3	0.4	0.1	55	0.43	0.037	10
1147799	Soil		0.5	19.7	8.3	82	0.1	18.3	8.3	590	2.53	9.4	1.0	0.6	38	0.2	0.4	<0.1	50	0.34	0.053	8
1147800	Soil		0.4	10.3	6.7	73	<0.1	13.8	5.8	324	2.01	5.5	1.4	0.8	26	0.1	0.3	<0.1	45	0.27	0.052	5
1147801	Soil		0.6	22.6	9.2	109	0.2	18.7	8.1	682	2.27	7.3	<0.5	0.5	47	0.3	0.3	0.1	46	0.41	0.087	10
1147802	Soil		0.3	10.1	5.7	48	<0.1	14.7	4.9	229	1.68	2.7	<0.5	0.7	27	<0.1	0.2	<0.1	36	0.24	0.031	6
1147803	Soil		0.2	11.8	5.8	64	<0.1	16.2	5.5	218	2.01	2.2	<0.5	0.8	30	0.1	0.2	<0.1	45	0.25	0.026	6
1147804	Soil		0.9	32.3	12.8	125	0.3	26.6	10.2	1868	2.69	5.3	1.5	0.6	46	0.2	0.3	0.1	54	0.34	0.082	17
1147805	Soil		0.4	15.4	7.2	83	0.1	25.4	8.3	426	2.56	3.8	<0.5	0.9	30	<0.1	0.3	0.1	52	0.22	0.053	8
1147806	Soil		0.4	11.9	10.5	83	0.2	17.5	7.2	421	2.42	6.7	<0.5	0.7	18	0.1	0.5	<0.1	49	0.18	0.059	5
1147807	Soil		0.5	15.2	7.2	83	0.1	19.3	7.2	1002	2.13	4.1	<0.5	0.7	30	0.1	0.3	0.1	42	0.30	0.053	8
1147808	Soil		0.5	13.5	7.8	257	0.3	17.9	7.6	407	2.58	8.0	1.2	0.6	17	0.6	0.5	<0.1	54	0.16	0.102	6
1147809	Soil		0.4	10.0	12.8	223	0.3	15.2	5.6	451	2.18	5.8	0.9	0.6	18	0.7	0.4	<0.1	44	0.26	0.055	5
1147810	Soil		0.4	10.3	7.0	99	0.2	15.3	5.8	306	1.99	3.0	1.2	0.7	15	0.1	0.3	<0.1	42	0.16	0.065	5
1147811	Soil		0.5	12.2	6.9	71	0.2	16.3	6.3	312	2.18	3.9	1.1	0.7	19	0.1	0.3	<0.1	45	0.20	0.077	5
1147812	Soil		0.4	17.9	6.1	66	<0.1	20.0	6.1	363	2.16	2.2	1.9	1.1	23	0.1	0.3	<0.1	45	0.21	0.045	7
1147813	Soil		0.4	10.8	6.7	82	0.1	16.6	6.7	405	2.23	4.1	1.4	0.6	24	0.2	0.4	<0.1	45	0.24	0.088	5
1147814	Soil		0.7	27.4	10.9	153	0.5	28.8	10.6	2128	3.01	6.0	2.6	0.5	73	0.8	0.3	0.1	54	0.63	0.156	25
1147815	Soil		0.3	11.3	6.1	53	<0.1	14.9	5.6	343	2.02	3.5	1.4	0.8	24	<0.1	0.3	<0.1	40	0.23	0.033	6
1147816	Soil		0.5	18.2	8.0	125	0.3	20.8	10.1	1512	2.27	3.5	1.7	1.1	34	0.3	0.3	0.1	47	0.27	0.112	9
1147817	Soil		0.5	13.5	8.3	61	<0.1	18.2	7.7	408	2.48	6.8	<0.5	0.8	26	<0.1	0.5	0.1	54	0.17	0.037	6
1147818	Soil		0.4	15.2	8.3	91	0.1	25.4	7.6	304	2.45	1.3	<0.5	1.0	37	0.2	0.2	0.1	51	0.20	0.049	7
1147819	Soil		0.3	11.2	7.2	79	<0.1	14.2	6.1	481	1.83	1.9	0.7	0.6	26	0.2	0.2	<0.1	40	0.22	0.045	7
1147820	Soil		0.4	18.8	8.0	77	0.2	22.4	7.4	459	2.22	3.1	2.7	1.0	38	0.2	0.3	0.1	47	0.32	0.045	10
1147821	Soil		0.5	11.8	7.1	79	0.2	15.0	6.2	297	2.38	4.4	1.8	0.6	25	<0.1	0.3	<0.1	46	0.28	0.083	5
1147822	Soil		0.4	16.3	6.5	56	<0.1	18.5	8.1	319	2.51	6.6	0.8	0.5	18	<0.1	0.4	<0.1	50	0.15	0.043	5
1147823	Soil		0.4	12.6	6.3	80	0.1	15.2	6.8	486	2.20	2.7	0.5	0.4	25	0.1	0.3	<0.1	43	0.21	0.059	7
1147824	Soil		0.4	16.3	6.5	62	<0.1	18.0	7.7	432	2.66	7.3	<0.5	0.6	28	<0.1	0.5	<0.1	53	0.26	0.055	6
1147825	Soil		0.4	11.8	7.2	119	0.1	15.9	8.1	1307	2.22	2.9	0.6	0.3	42	0.4	0.3	<0.1	45	0.49	0.104	6

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 5 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1147796	Soil	19	0.41	118	0.046	1	1.31	0.011	0.06	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1147797	Soil	21	0.45	140	0.032	2	1.67	0.011	0.07	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1147798	Soil	23	0.55	144	0.045	3	1.45	0.013	0.08	<0.1	0.02	4.9	<0.1	<0.05	4	<0.5	<0.2
1147799	Soil	20	0.53	143	0.036	1	1.45	0.011	0.08	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1147800	Soil	16	0.35	98	0.046	1	1.09	0.012	0.07	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1147801	Soil	20	0.45	209	0.024	2	1.61	0.010	0.09	<0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1147802	Soil	16	0.39	115	0.059	1	1.04	0.011	0.05	<0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1147803	Soil	18	0.38	117	0.075	1	1.13	0.012	0.05	<0.1	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
1147804	Soil	24	0.48	266	0.028	1	2.42	0.011	0.10	<0.1	0.04	4.4	<0.1	<0.05	7	<0.5	<0.2
1147805	Soil	21	0.46	202	0.061	2	1.90	0.015	0.05	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147806	Soil	18	0.37	102	0.045	2	1.50	0.008	0.05	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1147807	Soil	19	0.44	169	0.037	1	1.75	0.011	0.05	<0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1147808	Soil	20	0.37	124	0.039	2	1.64	0.007	0.04	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1147809	Soil	18	0.27	110	0.035	1	1.27	0.007	0.06	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1147810	Soil	16	0.30	107	0.034	1	1.76	0.007	0.05	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1147811	Soil	17	0.32	110	0.039	1	1.64	0.009	0.06	<0.1	0.03	2.9	<0.1	<0.05	5	0.6	<0.2
1147812	Soil	21	0.47	146	0.063	2	1.68	0.011	0.06	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1147813	Soil	17	0.35	113	0.046	1	1.41	0.010	0.07	<0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1147814	Soil	27	0.57	365	0.016	2	2.87	0.012	0.13	<0.1	0.11	5.8	0.1	<0.05	8	0.5	<0.2
1147815	Soil	16	0.40	101	0.050	1	1.17	0.009	0.05	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1147816	Soil	21	0.37	230	0.033	2	2.25	0.013	0.09	<0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1147817	Soil	20	0.42	135	0.052	2	1.49	0.011	0.04	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1147818	Soil	22	0.37	222	0.087	1	1.94	0.021	0.06	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1147819	Soil	17	0.33	132	0.052	1	1.27	0.015	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1147820	Soil	22	0.53	182	0.057	1	1.78	0.015	0.08	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1147821	Soil	18	0.35	114	0.031	2	1.43	0.009	0.07	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1147822	Soil	18	0.43	90	0.041	<1	1.23	0.009	0.03	<0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
1147823	Soil	18	0.38	130	0.028	1	1.57	0.014	0.05	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1147824	Soil	21	0.48	97	0.055	1	1.34	0.012	0.06	<0.1	0.01	3.0	<0.1	<0.05	4	0.7	<0.2
1147825	Soil	18	0.38	152	0.042	3	1.35	0.013	0.11	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 6 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			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	2	0.01	0.001	1	
1147826	Soil		0.4	11.5	5.8	58	0.1	14.7	5.6	370	2.16	3.6	1.4	0.6	23	0.1	0.3	<0.1	45	0.24	0.037	5
1147827	Soil		0.5	11.4	6.7	91	0.1	15.9	7.3	961	2.25	3.1	3.0	0.3	48	0.4	0.4	<0.1	46	0.58	0.099	6
1147828	Soil		0.4	13.3	6.2	63	<0.1	17.4	7.3	513	2.17	4.0	1.2	0.6	27	0.2	0.4	<0.1	43	0.29	0.039	7
1147829	Soil		0.5	14.7	6.4	100	0.1	19.3	7.3	813	2.31	2.1	1.9	0.9	32	0.2	0.3	<0.1	44	0.26	0.063	11
1147830	Soil		0.3	16.6	6.3	100	0.1	17.7	7.1	526	2.28	2.5	1.9	0.7	36	0.3	0.3	<0.1	44	0.32	0.070	10
1147831	Soil		0.3	17.9	7.1	71	0.2	21.4	7.7	565	2.49	5.4	3.1	0.8	49	0.6	0.3	<0.1	50	0.54	0.055	9
1147832	Soil		0.5	47.9	7.3	125	0.7	40.5	10.3	1036	3.00	6.2	5.2	1.0	99	0.9	0.5	0.1	55	1.23	0.078	39
1147833	Soil		0.3	19.8	6.1	76	0.1	21.8	7.3	414	2.43	4.2	2.3	0.8	38	0.3	0.3	<0.1	48	0.34	0.068	11
1147834	Soil		0.3	13.2	5.5	82	<0.1	18.3	8.0	360	2.49	2.7	1.0	1.0	38	0.1	0.4	<0.1	51	0.34	0.093	8
1147835	Soil		0.5	17.7	6.8	181	0.3	25.4	10.8	355	3.10	<0.5	1.7	1.7	169	0.2	0.1	<0.1	55	0.49	0.290	7
1147836	Soil		0.4	9.7	5.1	70	<0.1	12.6	6.5	341	2.13	<0.5	2.5	0.8	362	0.1	<0.1	<0.1	30	0.51	0.080	4
1147837	Soil		0.4	15.7	6.8	158	<0.1	31.1	11.3	383	3.10	<0.5	1.2	1.8	269	0.2	<0.1	<0.1	43	0.59	0.532	6
1147838	Soil		0.3	12.9	7.0	57	<0.1	17.6	7.7	216	2.47	<0.5	3.3	2.8	84	0.1	0.1	<0.1	56	0.38	0.073	9
1147839	Soil		0.6	14.8	6.7	81	<0.1	22.1	8.7	406	2.54	0.8	2.5	1.5	54	<0.1	0.3	<0.1	47	0.40	0.210	7
1147840	Soil		0.4	20.3	7.6	92	<0.1	50.6	17.4	554	4.25	<0.5	2.0	2.4	117	0.1	0.1	<0.1	77	0.48	0.118	14
1147841	Soil		0.5	11.7	2.5	74	<0.1	37.5	11.6	392	3.11	<0.5	0.6	1.0	52	<0.1	<0.1	<0.1	57	0.40	0.116	8
1147842	Soil		0.4	28.4	14.8	155	<0.1	11.9	6.1	867	1.54	<0.5	1.9	2.0	52	0.1	<0.1	0.3	29	0.46	0.139	9
1147843	Soil		0.4	19.4	2.4	59	<0.1	49.5	18.8	677	3.33	<0.5	1.9	2.0	85	0.1	<0.1	<0.1	79	0.61	0.164	27
1147844	Soil		0.8	21.5	6.3	80	<0.1	40.0	15.2	765	3.34	<0.5	2.0	1.9	114	0.1	0.2	<0.1	71	0.45	0.100	14
1147845	Soil		0.5	16.8	6.4	138	<0.1	42.3	16.9	685	3.00	<0.5	0.9	1.5	121	0.1	<0.1	<0.1	68	0.59	0.108	7
1147846	Soil		0.3	25.8	4.3	66	<0.1	41.6	16.3	695	2.15	<0.5	3.2	1.7	69	0.1	0.1	<0.1	53	0.86	0.076	12
1147847	Soil		0.4	25.8	7.1	61	<0.1	34.6	16.1	718	2.50	<0.5	2.8	3.9	59	0.2	<0.1	0.1	47	0.59	0.064	20
1147848	Soil		0.4	37.0	7.4	81	<0.1	43.1	20.6	1089	2.64	<0.5	2.6	3.0	89	0.2	0.1	<0.1	52	0.64	0.122	21
1147849	Soil		0.5	28.8	6.7	122	0.3	20.8	13.3	567	2.83	<0.5	2.1	2.0	102	0.2	<0.1	<0.1	44	0.93	0.215	9
1147850	Soil		0.8	18.8	10.4	75	0.1	23.0	13.0	699	3.26	10.4	4.1	2.4	79	0.1	0.7	0.2	82	0.48	0.106	15
1147851	Soil		0.8	27.9	8.1	67	0.1	25.6	10.7	448	3.11	5.4	5.1	2.7	84	0.2	0.7	0.1	73	0.58	0.103	16
1147852	Soil		1.3	21.8	10.1	148	0.2	19.9	11.7	471	2.81	1.5	1.5	3.2	81	1.1	<0.1	0.2	49	0.82	0.165	9
1147853	Soil		1.7	46.6	12.4	109	0.2	90.9	24.7	1588	3.54	12.6	1.6	1.4	99	0.8	0.5	0.2	64	0.97	0.098	8
1147854	Soil		0.8	30.6	9.3	81	0.1	31.5	12.7	844	3.32	10.2	1.9	2.4	75	0.2	0.5	0.2	67	0.64	0.105	16
1147855	Soil		1.0	27.2	11.0	112	<0.1	29.7	12.7	834	3.11	6.0	2.0	2.7	72	0.6	0.4	0.2	62	0.61	0.128	15

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 6 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit	Unit	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	MDL	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	
1147826	Soil	17	0.38	100	0.046	<1	1.18	0.009	0.09	0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1147827	Soil	17	0.38	177	0.041	3	1.12	0.010	0.12	<0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1147828	Soil	18	0.39	106	0.052	3	1.09	0.010	0.07	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1147829	Soil	20	0.39	169	0.059	1	1.36	0.014	0.07	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1147830	Soil	19	0.45	155	0.060	1	1.31	0.016	0.08	<0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1147831	Soil	24	0.54	146	0.050	2	1.70	0.019	0.09	<0.1	0.03	6.5	<0.1	<0.05	4	<0.5	<0.2
1147832	Soil	33	0.72	357	0.014	1	3.00	0.017	0.16	<0.1	0.08	11.2	<0.1	<0.05	7	<0.5	<0.2
1147833	Soil	23	0.50	151	0.051	<1	1.54	0.018	0.10	<0.1	0.02	4.4	<0.1	<0.05	4	0.7	<0.2
1147834	Soil	20	0.43	119	0.076	2	1.14	0.020	0.08	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1147835	Soil	35	0.71	307	0.119	2	3.12	0.014	0.18	<0.1	0.03	4.1	<0.1	<0.05	8	<0.5	<0.2
1147836	Soil	24	0.31	598	0.083	1	1.33	0.010	0.31	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1147837	Soil	45	0.81	409	0.125	<1	3.97	0.013	0.21	<0.1	0.04	4.8	<0.1	<0.05	11	<0.5	<0.2
1147838	Soil	30	0.50	185	0.132	<1	1.85	0.018	0.10	<0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1147839	Soil	26	0.49	181	0.087	2	1.85	0.013	0.22	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147840	Soil	52	0.89	418	0.160	1	3.52	0.024	0.19	<0.1	0.01	9.2	0.1	<0.05	9	0.7	<0.2
1147841	Soil	69	0.71	143	0.051	<1	2.39	0.020	0.11	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1147842	Soil	24	0.61	237	0.114	1	2.90	0.018	0.12	<0.1	0.01	2.9	0.7	<0.05	7	<0.5	<0.2
1147843	Soil	81	1.08	118	0.046	<1	1.07	0.033	0.18	<0.1	<0.01	5.5	<0.1	<0.05	4	<0.5	<0.2
1147844	Soil	62	0.91	220	0.076	2	1.95	0.016	0.25	<0.1	0.02	6.0	<0.1	<0.05	6	0.6	<0.2
1147845	Soil	74	0.72	343	0.105	1	2.80	0.018	0.29	<0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1147846	Soil	25	1.07	188	0.086	2	2.19	0.020	0.49	<0.1	0.03	4.2	0.1	<0.05	4	0.6	<0.2
1147847	Soil	26	0.70	165	0.150	2	1.72	0.023	0.32	<0.1	<0.01	5.5	0.2	<0.05	4	<0.5	<0.2
1147848	Soil	52	0.99	198	0.130	2	1.50	0.025	0.30	<0.1	0.02	5.0	0.2	<0.05	4	<0.5	<0.2
1147849	Soil	49	0.80	302	0.118	3	1.86	0.013	0.30	<0.1	0.03	5.4	<0.1	<0.05	6	0.5	<0.2
1147850	Soil	35	0.61	238	0.104	2	1.33	0.026	0.11	<0.1	0.02	5.0	<0.1	0.08	4	<0.5	<0.2
1147851	Soil	33	0.69	196	0.105	2	1.28	0.022	0.17	<0.1	0.03	5.5	<0.1	0.08	4	<0.5	<0.2
1147852	Soil	29	0.64	266	0.125	4	2.49	0.013	0.22	<0.1	0.05	5.0	<0.1	0.09	7	<0.5	<0.2
1147853	Soil	63	0.53	228	0.004	4	1.67	0.006	0.09	<0.1	0.07	8.0	0.1	0.11	7	0.7	<0.2
1147854	Soil	28	0.74	246	0.057	3	1.70	0.021	0.16	<0.1	0.03	6.6	<0.1	0.06	5	<0.5	<0.2
1147855	Soil	28	0.66	255	0.069	5	1.62	0.019	0.24	<0.1	0.02	6.1	0.1	0.06	5	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 7 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
1147856	Soil	0.9	34.6	9.7	87	<0.1	53.6	16.9	698	3.49	15.0	2.3	2.8	51	0.2	0.5	0.1	65	0.43	0.068	12
1147857	Soil	1.3	53.1	16.9	123	0.1	73.6	18.5	871	3.54	25.1	1.4	2.2	58	0.6	0.7	0.2	56	0.78	0.056	10
1147858	Soil	2.1	12.2	8.5	138	<0.1	12.0	12.7	1203	2.49	6.1	1.5	7.2	71	0.5	0.2	0.3	57	0.55	0.117	35
1147859	Soil	0.5	18.0	9.4	62	<0.1	23.1	11.3	599	2.80	6.2	1.3	2.5	54	0.1	0.4	0.1	62	0.41	0.109	12
1147860	Soil	0.6	9.5	9.9	108	<0.1	15.6	7.1	598	2.48	2.2	1.6	1.6	40	0.2	0.2	0.1	50	0.21	0.187	8
1147861	Soil	0.7	7.1	17.5	116	<0.1	6.7	4.9	1008	1.62	1.2	<0.5	2.0	82	0.3	0.1	0.3	34	0.62	0.224	13
1147862	Soil	0.7	13.9	10.8	65	<0.1	15.6	7.2	493	2.28	4.9	0.6	4.1	51	0.1	0.3	0.2	44	0.32	0.118	13
1147863	Soil	0.5	17.9	8.7	123	0.2	22.7	9.8	568	2.81	3.0	0.6	2.3	56	0.2	0.3	0.2	48	0.36	0.302	9
1147864	Soil	0.7	12.8	8.6	153	0.1	19.5	8.8	712	2.30	2.2	0.5	1.6	53	0.3	0.2	0.1	44	0.36	0.226	8
1147865	Soil	0.6	13.2	7.6	94	0.2	26.1	8.7	383	2.82	3.7	0.5	2.0	55	0.3	0.3	0.2	52	0.34	0.170	8
1147866	Soil	0.8	15.1	7.3	111	0.2	22.2	8.7	344	2.66	3.9	<0.5	2.1	41	0.2	0.3	0.1	47	0.28	0.231	9
1147867	Soil	1.0	14.5	7.5	145	0.1	21.4	8.9	642	2.47	3.0	<0.5	1.8	63	0.4	0.3	0.1	46	0.49	0.249	9
1147868	Soil	0.6	18.9	7.7	170	0.2	21.6	9.3	759	2.49	3.9	1.9	1.2	58	0.7	0.3	0.1	48	0.54	0.166	9
1147869	Soil	0.7	23.2	10.0	112	0.2	34.9	13.3	921	3.13	13.1	2.4	1.2	49	0.5	0.5	0.2	57	0.54	0.121	9
1147870	Soil	0.6	24.1	10.3	71	0.1	29.7	12.0	658	2.94	8.1	1.3	2.3	74	0.2	0.5	0.2	56	0.65	0.119	12
1147871	Soil	0.6	29.6	9.8	146	0.2	35.2	14.1	907	3.11	9.7	2.3	1.6	85	1.3	0.5	0.2	55	1.03	0.113	14
1147872	Soil	0.6	26.0	7.7	87	0.7	27.5	8.8	499	2.58	8.8	1.7	1.2	88	0.4	0.7	0.2	47	1.05	0.095	17
1147873	Soil	0.7	20.3	9.9	83	<0.1	25.3	11.8	757	3.15	10.7	3.6	1.8	44	0.2	0.5	0.2	60	0.38	0.065	9
1147874	Soil	0.6	32.9	10.3	104	0.3	41.4	14.0	1397	3.48	10.5	1.7	1.4	58	0.3	0.5	0.2	67	0.42	0.053	17
1147875	Soil	0.6	25.0	10.9	86	<0.1	28.5	12.5	841	3.32	10.4	0.9	1.7	47	0.2	0.5	0.2	65	0.30	0.062	10
1147876	Soil	0.4	21.7	9.2	121	0.2	27.1	9.7	542	2.77	7.2	4.2	1.4	52	0.4	0.4	0.2	54	0.51	0.091	11
1147877	Soil	0.7	34.0	11.5	168	0.3	37.2	14.0	1024	3.77	10.6	3.0	2.0	82	0.9	0.7	0.2	72	0.93	0.130	27
1147878	Soil	0.9	13.4	9.3	108	0.2	30.2	13.4	664	4.05	7.3	0.8	2.3	59	0.2	0.5	0.1	111	0.41	0.154	10
1147879	Soil	0.6	27.3	10.3	84	<0.1	28.3	12.9	686	3.30	10.6	4.2	1.8	47	0.2	0.7	0.2	65	0.49	0.118	10
1147880	Soil	0.5	29.6	9.6	81	0.1	37.9	15.3	784	3.63	7.6	2.0	2.8	87	0.2	0.4	0.2	77	0.67	0.103	16
1147881	Soil	0.5	42.5	12.4	107	0.2	33.5	15.2	751	3.91	14.4	503.3	1.8	62	0.2	0.9	0.2	70	0.60	0.089	12
1147882	Soil	0.8	31.8	10.2	80	0.1	30.0	12.0	788	3.43	12.1	2.8	1.4	54	0.2	0.6	0.2	62	0.48	0.061	9
1147883	Soil	0.6	26.3	9.9	107	0.1	27.5	12.4	821	3.16	21.0	1.4	1.2	55	0.4	0.5	0.2	59	0.49	0.113	9
1147884	Soil	0.5	30.4	8.7	87	0.2	25.7	10.8	718	3.06	18.0	2.2	1.3	62	0.4	0.7	0.1	59	0.64	0.112	9
1147885	Soil	0.8	37.0	8.9	111	0.2	31.8	12.2	1037	3.26	32.2	1.5	1.0	77	0.9	0.5	0.2	55	0.81	0.095	8

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 10, 2011

Page: 7 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	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		
1147856	Soil	41	0.63	184	0.026	5	1.66	0.013	0.24	<0.1	0.04	6.9	0.1	0.06	6	<0.5	<0.2
1147857	Soil	47	0.56	162	0.004	8	1.41	0.005	0.20	<0.1	0.05	8.0	0.1	0.08	5	0.6	<0.2
1147858	Soil	5	0.47	153	0.077	2	0.99	0.012	0.12	<0.1	0.02	6.1	0.2	0.08	4	<0.5	<0.2
1147859	Soil	24	0.61	263	0.102	1	1.49	0.028	0.11	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1147860	Soil	21	0.31	222	0.069	2	2.40	0.012	0.12	<0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1147861	Soil	9	0.20	313	0.066	2	1.41	0.014	0.13	<0.1	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1147862	Soil	16	0.41	277	0.082	<1	1.57	0.019	0.14	<0.1	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1147863	Soil	24	0.52	309	0.060	1	2.30	0.013	0.14	<0.1	0.04	3.6	<0.1	<0.05	7	<0.5	<0.2
1147864	Soil	21	0.38	299	0.066	2	1.89	0.014	0.11	<0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1147865	Soil	24	0.52	262	0.078	2	2.02	0.015	0.12	<0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1147866	Soil	22	0.51	208	0.062	1	1.93	0.014	0.12	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1147867	Soil	22	0.48	287	0.069	3	1.50	0.015	0.19	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1147868	Soil	23	0.50	266	0.070	3	1.49	0.019	0.16	<0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1147869	Soil	27	0.54	213	0.043	3	1.41	0.012	0.16	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1147870	Soil	27	0.66	236	0.053	2	1.43	0.018	0.21	<0.1	0.04	5.2	<0.1	<0.05	4	<0.5	<0.2
1147871	Soil	26	0.69	286	0.049	4	1.59	0.019	0.17	<0.1	0.06	5.2	0.1	0.10	5	<0.5	<0.2
1147872	Soil	22	0.65	225	0.034	5	1.47	0.019	0.12	<0.1	0.06	4.5	<0.1	0.09	4	0.5	<0.2
1147873	Soil	26	0.62	194	0.063	2	1.56	0.023	0.11	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1147874	Soil	32	0.75	262	0.055	2	2.13	0.016	0.16	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
1147875	Soil	29	0.68	198	0.069	1	1.68	0.024	0.11	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
1147876	Soil	25	0.53	214	0.061	2	1.66	0.014	0.14	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1147877	Soil	33	0.78	271	0.062	4	2.16	0.022	0.15	<0.1	0.06	9.0	0.1	0.07	6	<0.5	<0.2
1147878	Soil	43	0.49	300	0.125	2	1.80	0.013	0.13	0.2	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1147879	Soil	29	0.67	189	0.060	2	1.71	0.030	0.12	<0.1	0.02	6.0	<0.1	<0.05	5	<0.5	<0.2
1147880	Soil	34	0.95	285	0.108	2	2.01	0.031	0.17	<0.1	0.02	7.0	0.1	<0.05	6	<0.5	<0.2
1147881	Soil	34	0.84	215	0.038	2	2.07	0.019	0.18	<0.1	0.05	7.1	<0.1	<0.05	6	<0.5	<0.2
1147882	Soil	29	0.78	190	0.053	2	1.85	0.024	0.15	<0.1	0.04	6.3	<0.1	<0.05	6	0.5	<0.2
1147883	Soil	28	0.63	272	0.048	3	1.77	0.017	0.14	<0.1	0.02	5.2	<0.1	<0.05	5	<0.5	<0.2
1147884	Soil	26	0.56	257	0.049	4	1.57	0.017	0.13	<0.1	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
1147885	Soil	28	0.67	435	0.030	4	2.04	0.012	0.17	0.1	0.04	5.8	<0.1	0.06	6	0.8	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 8 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
1147886	Soil	2.7	42.0	11.6	114	0.2	50.6	18.7	3548	5.45	251.3	1.9	1.7	94	0.5	0.7	0.2	67	0.88	0.145	9
1147887	Soil	6.4	46.7	6.6	123	0.2	46.8	16.8	>10000	16.40	670.4	1.8	1.3	179	0.6	1.0	0.2	56	1.34	0.501	9
1147888	Soil	0.4	19.2	7.5	54	<0.1	18.9	6.8	375	2.59	10.0	<0.5	1.3	44	0.1	0.6	0.1	52	0.43	0.074	9
1147889	Soil	0.5	70.9	9.1	186	0.8	65.3	14.6	1177	4.44	10.3	0.8	1.4	70	1.0	0.4	0.2	69	0.62	0.126	19
1147890	Soil	0.4	20.4	7.0	84	0.1	25.1	10.2	819	2.88	7.3	0.6	0.6	28	0.3	0.4	0.1	53	0.25	0.051	8
1147891	Soil	0.6	24.9	6.8	109	0.2	32.0	10.7	1257	2.74	6.5	<0.5	0.5	36	0.6	0.4	<0.1	50	0.33	0.054	12
1147892	Soil	0.7	68.5	10.9	218	0.8	61.4	16.9	1845	4.74	11.8	<0.5	1.6	64	0.6	0.4	0.2	73	0.53	0.138	18
1147893	Soil	0.7	31.0	7.8	99	0.3	32.4	10.3	1329	2.80	6.3	<0.5	0.5	45	0.4	0.3	0.1	53	0.36	0.054	13
1147894	Soil	0.6	17.4	7.5	85	0.2	23.9	9.7	1128	2.62	7.0	<0.5	0.4	40	0.3	0.4	<0.1	54	0.32	0.035	6
1147895	Soil	0.5	15.8	7.4	148	0.1	21.2	9.7	1026	2.66	5.7	<0.5	0.7	30	0.5	0.5	<0.1	50	0.30	0.129	7
1147896	Soil	0.4	14.4	5.0	127	0.1	19.1	6.9	609	2.23	3.2	<0.5	0.8	25	0.3	0.3	<0.1	42	0.27	0.090	8
1147897	Soil	0.4	14.0	5.4	76	<0.1	21.2	7.5	643	2.48	5.0	<0.5	0.4	23	0.1	0.4	<0.1	51	0.23	0.040	6
1147898	Soil	0.4	17.3	7.0	61	0.1	21.5	8.9	535	2.94	7.6	122.9	0.7	26	0.1	0.5	<0.1	62	0.24	0.016	5
1147899	Soil	0.3	15.2	5.9	67	<0.1	19.8	7.6	524	2.52	5.9	<0.5	0.5	25	<0.1	0.4	<0.1	51	0.21	0.026	6
1147900	Soil	0.4	19.6	7.1	67	0.2	20.5	8.6	522	2.38	5.7	<0.5	0.5	30	<0.1	0.3	0.1	50	0.26	0.041	8
1147901	Soil	0.4	14.2	6.6	59	<0.1	18.4	6.8	418	2.44	5.6	<0.5	0.7	22	<0.1	0.4	0.1	50	0.17	0.024	6
1147902	Soil	0.4	12.3	5.8	64	<0.1	17.2	6.4	435	2.22	4.4	0.7	0.8	23	<0.1	0.3	<0.1	47	0.21	0.032	6
1147903	Soil	0.4	15.5	7.0	79	0.2	19.4	8.9	1150	2.28	4.5	2.2	0.5	25	<0.1	0.3	<0.1	50	0.21	0.035	8
1147904	Soil	0.4	17.7	7.1	69	<0.1	19.2	8.0	512	2.68	7.4	<0.5	0.7	22	<0.1	0.4	<0.1	53	0.20	0.028	6
1147905	Soil	0.4	14.7	5.4	64	0.1	18.0	6.0	323	2.20	4.1	<0.5	0.8	21	<0.1	0.2	<0.1	45	0.21	0.031	6
1147906	Soil	0.5	14.8	5.9	63	<0.1	18.7	7.0	390	2.67	6.7	<0.5	0.9	27	<0.1	0.4	<0.1	54	0.24	0.032	6
1147907	Soil	0.4	12.8	6.7	83	<0.1	18.4	7.0	529	2.53	6.6	<0.5	0.9	30	0.1	0.3	0.1	52	0.27	0.042	8
1147908	Soil	0.4	19.2	6.0	80	0.2	19.1	7.8	713	2.49	6.6	0.7	0.8	28	0.2	0.3	<0.1	47	0.27	0.040	10
1147909	Soil	0.4	13.9	5.5	72	<0.1	17.6	6.4	348	2.23	5.1	0.7	0.8	25	0.2	0.4	<0.1	45	0.23	0.048	7
1147910	Soil	0.5	17.2	7.0	86	0.2	19.1	8.2	607	2.59	6.0	<0.5	0.5	33	0.3	0.4	<0.1	56	0.30	0.061	11
1147911	Soil	0.4	12.9	6.3	58	<0.1	15.8	6.6	409	2.27	5.4	<0.5	0.9	27	<0.1	0.3	<0.1	46	0.24	0.037	7
1147912	Soil	0.4	11.9	6.6	63	<0.1	15.6	6.7	527	2.41	7.0	<0.5	0.8	23	0.1	0.4	<0.1	49	0.20	0.026	7
1147913	Soil	0.3	14.8	5.8	88	<0.1	17.4	6.9	859	2.25	4.2	0.8	0.6	24	0.2	0.3	<0.1	43	0.23	0.043	9
1147914	Soil	0.4	13.2	5.9	63	<0.1	17.7	6.6	503	2.33	6.8	0.6	0.9	26	<0.1	0.3	<0.1	47	0.26	0.045	7
1147915	Soil	0.3	12.0	6.2	44	<0.1	13.1	5.3	313	2.20	8.6	<0.5	0.7	22	<0.1	0.3	<0.1	47	0.20	0.030	6

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 10, 2011

Page: 8 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
				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	
1147886	Soil			36	0.96	848	0.013	2	2.55	0.016	0.15	0.1	0.05	7.5	<0.1	<0.05	7	0.8	<0.2
1147887	Soil			25	0.61	2351	0.013	4	1.88	0.023	0.14	0.4	0.07	6.0	0.1	<0.05	6	<0.5	<0.2
1147888	Soil			22	0.52	136	0.061	<1	1.38	0.038	0.10	0.1	0.03	4.8	<0.1	<0.05	4	<0.5	<0.2
1147889	Soil			42	0.97	427	0.018	2	3.74	0.020	0.28	<0.1	0.03	9.4	<0.1	<0.05	9	<0.5	<0.2
1147890	Soil			23	0.57	139	0.051	<1	1.54	0.020	0.08	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1147891	Soil			23	0.54	189	0.038	2	1.61	0.013	0.12	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1147892	Soil			43	0.93	500	0.014	<1	3.92	0.022	0.23	<0.1	0.03	9.2	<0.1	<0.05	10	<0.5	<0.2
1147893	Soil			24	0.53	238	0.033	<1	1.90	0.012	0.09	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1147894	Soil			21	0.49	201	0.039	1	1.49	0.010	0.07	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1147895	Soil			22	0.49	195	0.034	1	1.58	0.014	0.07	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1147896	Soil			19	0.39	152	0.040	2	1.42	0.012	0.08	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1147897	Soil			20	0.48	142	0.047	1	1.45	0.013	0.05	<0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147898	Soil			23	0.54	127	0.046	1	1.52	0.018	0.05	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1147899	Soil			21	0.51	115	0.051	<1	1.38	0.022	0.06	<0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147900	Soil			21	0.51	152	0.028	<1	1.63	0.015	0.06	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1147901	Soil			21	0.50	121	0.048	<1	1.46	0.013	0.04	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1147902	Soil			18	0.48	128	0.054	<1	1.48	0.026	0.05	<0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147903	Soil			21	0.50	167	0.044	1	1.87	0.016	0.05	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1147904	Soil			21	0.51	114	0.030	<1	1.51	0.021	0.06	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1147905	Soil			19	0.44	124	0.045	1	1.39	0.012	0.05	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1147906	Soil			21	0.50	112	0.064	2	1.36	0.019	0.07	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1147907	Soil			20	0.51	122	0.065	<1	1.38	0.016	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1147908	Soil			20	0.46	158	0.043	<1	1.45	0.013	0.07	<0.1	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1147909	Soil			18	0.47	114	0.059	<1	1.36	0.015	0.06	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1147910	Soil			19	0.50	159	0.048	2	1.66	0.018	0.07	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1147911	Soil			17	0.48	112	0.064	1	1.41	0.015	0.06	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1147912	Soil			18	0.44	117	0.050	1	1.32	0.019	0.05	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1147913	Soil			17	0.43	133	0.029	<1	1.42	0.010	0.06	<0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147914	Soil			18	0.46	113	0.054	1	1.48	0.018	0.07	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1147915	Soil			17	0.41	82	0.057	1	1.18	0.018	0.05	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 9 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
1147916	Soil	0.3	14.4	6.6	60	<0.1	15.0	5.8	439	2.16	9.2	<0.5	0.8	25	<0.1	0.3	<0.1	44	0.23	0.040	7
1147917	Soil	0.3	12.5	6.9	61	0.1	15.3	5.6	239	1.99	8.2	<0.5	1.0	24	<0.1	0.3	<0.1	40	0.20	0.033	6
1147918	Soil	0.5	21.6	8.0	81	0.1	19.1	8.5	572	2.39	7.7	0.7	0.7	30	0.1	0.3	0.1	46	0.22	0.057	9
1147919	Soil	0.4	15.2	8.6	51	<0.1	17.7	7.1	407	2.18	9.3	3.0	1.3	28	<0.1	0.4	<0.1	46	0.24	0.030	8
1147920	Soil	0.4	15.1	7.5	72	0.1	17.3	7.8	561	2.02	6.9	<0.5	0.8	36	0.2	0.3	<0.1	46	0.28	0.037	8
1147921	Soil	0.4	31.9	8.4	103	0.4	23.5	8.5	631	2.53	10.4	<0.5	0.7	50	0.2	0.3	0.1	50	0.44	0.050	13
1147922	Soil	1.0	62.1	11.9	159	0.7	56.1	16.4	2709	5.16	17.6	4.4	2.2	89	0.4	0.5	0.2	72	0.72	0.098	42
1147923	Soil	0.6	49.0	13.3	149	0.6	36.4	13.3	1308	4.30	23.8	4.8	1.1	63	0.6	0.6	0.2	71	0.70	0.100	22
1147924	Soil	0.4	14.7	8.5	106	0.2	19.3	7.3	397	3.08	12.6	<0.5	0.6	24	0.2	0.5	0.1	56	0.21	0.065	7
1147925	Soil	0.5	31.4	10.1	116	0.2	28.9	10.8	1058	3.75	16.6	2.9	1.0	38	0.2	0.5	0.1	62	0.31	0.070	14
1147926	Soil	0.4	12.5	8.3	177	0.2	19.4	7.8	1071	2.56	20.6	<0.5	0.7	20	0.2	0.6	<0.1	46	0.22	0.064	6
1147927	Soil	0.5	12.0	8.0	89	<0.1	19.2	7.5	307	3.06	9.7	1.0	1.1	19	<0.1	0.5	<0.1	58	0.15	0.073	5
1147928	Soil	0.5	19.1	9.2	94	0.2	17.2	8.0	692	3.15	12.5	0.7	0.9	27	0.2	0.5	<0.1	54	0.28	0.061	8
1147929	Soil	0.4	19.9	9.8	66	<0.1	20.8	9.3	714	3.17	13.7	0.6	1.1	28	<0.1	0.6	<0.1	60	0.26	0.036	9
1147930	Soil	0.3	13.3	8.6	66	<0.1	17.5	10.0	707	2.68	9.6	<0.5	0.8	23	<0.1	0.5	<0.1	53	0.20	0.032	7
1147931	Soil	0.3	12.7	7.8	83	0.1	13.3	7.3	981	2.07	8.1	<0.5	0.5	56	0.2	0.4	<0.1	46	0.55	0.067	8
1147932	Soil	0.3	12.1	7.6	73	0.1	13.7	6.2	555	2.08	6.1	<0.5	0.5	20	<0.1	0.4	<0.1	46	0.20	0.044	6
1147933	Soil	0.4	15.1	8.8	74	0.1	17.4	8.6	792	2.80	10.9	<0.5	0.8	29	0.2	0.5	<0.1	53	0.25	0.047	8
1147934	Soil	0.3	11.5	7.4	68	0.1	15.0	7.1	397	2.64	8.7	1.7	0.8	28	0.2	0.6	<0.1	51	0.27	0.032	6
1147935	Soil	0.3	6.8	7.9	90	0.1	11.4	5.8	225	2.24	6.3	<0.5	0.7	19	<0.1	0.4	<0.1	49	0.17	0.092	5
1147936	Soil	0.3	15.4	7.3	63	0.1	17.5	6.6	390	2.69	9.3	<0.5	0.8	41	0.3	0.5	<0.1	50	0.33	0.035	9
1147937	Soil	0.3	9.5	6.9	37	<0.1	12.7	5.3	329	1.88	5.7	1.3	1.0	24	<0.1	0.3	<0.1	41	0.25	0.037	7
1147938	Soil	0.3	11.4	7.0	53	<0.1	13.5	5.8	348	2.16	7.0	<0.5	0.9	22	<0.1	0.4	<0.1	47	0.23	0.047	7
1147939	Soil	0.3	12.2	7.6	84	0.1	13.2	6.1	328	2.74	6.7	0.9	1.0	24	<0.1	0.5	<0.1	48	0.21	0.036	7



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 9 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006375.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
1147916	Soil	19	0.42	108	0.050	<1	1.39	0.013	0.06	<0.1	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1147917	Soil	15	0.42	108	0.055	1	1.52	0.015	0.04	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1147918	Soil	20	0.45	152	0.029	<1	1.91	0.013	0.08	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1147919	Soil	20	0.48	130	0.062	2	1.55	0.027	0.06	<0.1	0.01	4.5	<0.1	<0.05	4	<0.5	<0.2
1147920	Soil	19	0.47	135	0.048	<1	1.59	0.019	0.07	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
1147921	Soil	24	0.58	183	0.031	<1	1.95	0.023	0.10	<0.1	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
1147922	Soil	41	0.82	503	0.007	<1	4.55	0.022	0.12	<0.1	0.10	14.4	0.2	<0.05	10	0.7	<0.2
1147923	Soil	33	0.77	339	0.012	<1	3.13	0.016	0.13	0.1	0.06	7.7	0.1	<0.05	8	<0.5	<0.2
1147924	Soil	19	0.52	162	0.030	<1	1.62	0.013	0.05	<0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1147925	Soil	27	0.71	270	0.019	<1	2.45	0.017	0.08	0.1	0.06	5.4	<0.1	<0.05	7	<0.5	<0.2
1147926	Soil	18	0.41	160	0.024	<1	1.61	0.011	0.05	<0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1147927	Soil	20	0.46	139	0.040	<1	1.53	0.011	0.04	<0.1	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1147928	Soil	21	0.54	173	0.030	<1	1.52	0.013	0.07	<0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1147929	Soil	24	0.63	151	0.052	1	1.60	0.021	0.07	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1147930	Soil	20	0.54	111	0.048	1	1.26	0.018	0.06	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1147931	Soil	17	0.41	193	0.034	1	1.05	0.011	0.07	0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1147932	Soil	16	0.44	102	0.034	<1	1.12	0.010	0.06	<0.1	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
1147933	Soil	20	0.55	123	0.040	2	1.40	0.016	0.06	0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1147934	Soil	19	0.52	98	0.053	1	1.14	0.014	0.06	0.1	0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
1147935	Soil	16	0.31	123	0.049	<1	1.07	0.009	0.06	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1147936	Soil	21	0.57	124	0.049	<1	1.32	0.023	0.06	<0.1	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1147937	Soil	16	0.46	97	0.073	<1	1.07	0.034	0.06	<0.1	0.01	4.0	<0.1	<0.05	3	<0.5	<0.2
1147938	Soil	16	0.45	102	0.054	<1	1.14	0.011	0.05	<0.1	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1147939	Soil	17	0.44	136	0.048	<1	1.16	0.012	0.05	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN11006375.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La		
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
MDL	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	1		
Pulp Duplicates																						
1147721	Soil	1.3	28.5	5.5	160	<0.1	43.0	14.5	1163	2.40	<0.5	<0.5	1.5	535	0.2	<0.1	0.2	27	0.82	0.124	9	
REP 1147721	QC	1.3	27.8	5.3	161	<0.1	43.7	14.8	1196	2.48	<0.5	<0.5	1.4	485	0.2	<0.1	0.2	27	0.90	0.128	9	
1147738	Soil	0.4	11.5	5.5	67	<0.1	14.7	6.5	412	2.16	3.5	0.9	0.7	32	<0.1	0.2	<0.1	47	0.23	0.033	7	
REP 1147738	QC	0.4	11.2	5.9	63	<0.1	14.2	6.1	403	2.06	3.1	<0.5	0.8	35	<0.1	0.2	<0.1	46	0.24	0.035	8	
1147758	Soil	0.5	23.0	5.7	66	<0.1	26.8	13.1	510	2.76	1.8	1.8	1.6	93	0.1	0.3	<0.1	60	0.66	0.133	15	
REP 1147758	QC	0.5	23.7	5.7	68	<0.1	27.5	13.0	534	2.69	1.6	<0.5	1.6	96	0.1	0.3	<0.1	60	0.63	0.131	16	
1147773	Soil	0.6	17.9	7.1	141	0.1	40.3	12.2	370	3.20	<0.5	<0.5	2.2	78	<0.1	0.1	0.1	51	0.32	0.384	8	
REP 1147773	QC	0.6	17.8	6.9	151	0.1	41.2	12.6	399	3.29	<0.5	<0.5	2.2	78	<0.1	0.1	0.1	54	0.32	0.380	8	
1147787	Soil	0.4	66.6	8.5	203	0.9	56.8	11.1	816	4.11	10.1	4.2	2.5	147	0.9	0.3	0.2	63	0.98	0.138	38	
REP 1147787	QC	0.3	70.0	9.1	217	0.9	61.1	12.3	883	4.55	11.3	5.5	2.5	164	0.8	0.5	0.2	68	1.03	0.143	40	
1147804	Soil	0.9	32.3	12.8	125	0.3	26.6	10.2	1868	2.69	5.3	1.5	0.6	46	0.2	0.3	0.1	54	0.34	0.082	17	
REP 1147804	QC	0.8	33.1	12.7	122	0.3	26.4	10.2	1845	2.64	5.2	1.0	0.6	45	0.2	0.3	0.1	53	0.36	0.081	17	
1147823	Soil	0.4	12.6	6.3	80	0.1	15.2	6.8	486	2.20	2.7	0.5	0.4	25	0.1	0.3	<0.1	43	0.21	0.059	7	
REP 1147823	QC	0.4	12.4	6.2	79	0.1	15.8	6.6	467	2.14	2.5	2.5	0.4	24	0.1	0.3	<0.1	43	0.21	0.059	7	
1147840	Soil	0.4	20.3	7.6	92	<0.1	50.6	17.4	554	4.25	<0.5	2.0	2.4	117	0.1	0.1	<0.1	77	0.48	0.118	14	
REP 1147840	QC	0.3	19.0	7.1	86	<0.1	49.4	16.1	507	3.91	<0.5	2.4	2.3	114	0.1	0.1	<0.1	72	0.48	0.109	14	
1147867	Soil	1.0	14.5	7.5	145	0.1	21.4	8.9	642	2.47	3.0	<0.5	1.8	63	0.4	0.3	0.1	46	0.49	0.249	9	
REP 1147867	QC	1.0	15.3	7.5	147	0.2	21.9	9.0	621	2.49	3.6	1.1	1.8	65	0.4	0.3	0.1	47	0.49	0.245	9	
1147884	Soil	0.5	30.4	8.7	87	0.2	25.7	10.8	718	3.06	18.0	2.2	1.3	62	0.4	0.7	0.1	59	0.64	0.112	9	
REP 1147884	QC	0.7	29.2	9.1	84	0.2	25.5	10.8	735	3.04	17.8	3.4	1.3	61	0.5	0.6	0.1	58	0.62	0.112	9	
1147903	Soil	0.4	15.5	7.0	79	0.2	19.4	8.9	1150	2.28	4.5	2.2	0.5	25	<0.1	0.3	<0.1	50	0.21	0.035	8	
REP 1147903	QC	0.4	16.0	7.1	82	0.2	20.4	9.0	1190	2.32	4.4	<0.5	0.5	25	<0.1	0.3	<0.1	51	0.21	0.033	8	
1147918	Soil	0.5	21.6	8.0	81	0.1	19.1	8.5	572	2.39	7.7	0.7	0.7	30	0.1	0.3	0.1	46	0.22	0.057	9	
REP 1147918	QC	0.5	20.8	7.8	80	0.1	18.2	8.2	567	2.35	7.1	<0.5	0.7	30	0.1	0.3	0.1	48	0.22	0.054	9	
1147934	Soil	0.3	11.5	7.4	68	0.1	15.0	7.1	397	2.64	8.7	1.7	0.8	28	0.2	0.6	<0.1	51	0.27	0.032	6	
REP 1147934	QC	0.3	11.0	7.5	69	0.1	14.4	6.8	378	2.70	8.8	1.1	0.7	27	<0.1	0.5	<0.1	51	0.25	0.031	6	
Reference Materials																						
STD DS8	Standard	13.1	100.5	119.5	301	1.7	38.3	7.7	586	2.34	23.5	114.7	6.1	67	2.2	5.1	5.8	40	0.70	0.075	15	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 10, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006375.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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	
MDL	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																	
1147721	Soil	69	0.68	583	0.081	1	3.07	0.022	0.47	<0.1	0.03	4.2	<0.1	<0.05	7	<0.5	<0.2
REP 1147721	QC	70	0.70	583	0.087	2	3.32	0.022	0.49	<0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1147738	Soil	19	0.39	130	0.057	<1	1.20	0.010	0.04	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
REP 1147738	QC	18	0.42	133	0.056	<1	1.29	0.011	0.04	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1147758	Soil	40	0.83	186	0.102	<1	1.27	0.021	0.19	0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
REP 1147758	QC	38	0.83	185	0.106	3	1.29	0.021	0.18	0.1	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1147773	Soil	45	0.60	364	0.084	<1	4.12	0.011	0.13	<0.1	0.04	4.5	<0.1	<0.05	10	<0.5	<0.2
REP 1147773	QC	49	0.64	364	0.094	1	4.35	0.013	0.14	<0.1	0.04	4.7	<0.1	<0.05	10	<0.5	<0.2
1147787	Soil	44	0.92	448	0.014	3	5.05	0.027	0.21	<0.1	0.07	14.2	0.1	<0.05	11	<0.5	<0.2
REP 1147787	QC	48	0.96	484	0.013	6	5.25	0.031	0.23	<0.1	0.09	15.2	0.1	<0.05	12	0.7	<0.2
1147804	Soil	24	0.48	266	0.028	1	2.42	0.011	0.10	<0.1	0.04	4.4	<0.1	<0.05	7	<0.5	<0.2
REP 1147804	QC	23	0.47	263	0.028	2	2.43	0.012	0.09	<0.1	0.04	4.5	<0.1	<0.05	7	<0.5	<0.2
1147823	Soil	18	0.38	130	0.028	1	1.57	0.014	0.05	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1147823	QC	17	0.38	131	0.029	1	1.47	0.011	0.05	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1147840	Soil	52	0.89	418	0.160	1	3.52	0.024	0.19	<0.1	0.01	9.2	0.1	<0.05	9	0.7	<0.2
REP 1147840	QC	47	0.87	402	0.147	<1	3.44	0.021	0.19	<0.1	<0.01	7.9	0.1	<0.05	8	<0.5	<0.2
1147867	Soil	22	0.48	287	0.069	3	1.50	0.015	0.19	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
REP 1147867	QC	22	0.49	300	0.076	3	1.59	0.017	0.20	<0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1147884	Soil	26	0.56	257	0.049	4	1.57	0.017	0.13	<0.1	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
REP 1147884	QC	26	0.55	261	0.046	3	1.52	0.016	0.14	0.1	0.05	5.4	<0.1	<0.05	4	0.6	<0.2
1147903	Soil	21	0.50	167	0.044	1	1.87	0.016	0.05	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 1147903	QC	22	0.50	169	0.040	<1	1.82	0.015	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1147918	Soil	20	0.45	152	0.029	<1	1.91	0.013	0.08	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
REP 1147918	QC	20	0.46	155	0.032	<1	1.90	0.018	0.08	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1147934	Soil	19	0.52	98	0.053	1	1.14	0.014	0.06	0.1	0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
REP 1147934	QC	17	0.51	100	0.047	<1	1.09	0.013	0.06	0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	111	0.60	262	0.112	3	0.90	0.093	0.42	3.1	0.18	2.7	4.9	0.14	5	5.4	4.7

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 10, 2011

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN11006375.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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	1
STD DS8	Standard	13.2	110.7	125.8	300	1.8	35.8	7.5	618	2.45	27.2	110.8	7.4	71	2.1	5.8	7.3	43	0.69	0.079	16
STD DS8	Standard	12.1	107.3	120.8	300	1.7	35.9	7.4	571	2.42	24.7	104.9	6.4	65	2.3	5.5	6.4	39	0.65	0.076	15
STD DS8	Standard	12.6	102.6	118.7	291	1.7	34.3	6.9	555	2.22	23.7	105.6	6.3	63	2.3	5.3	6.4	39	0.66	0.077	15
STD DS8	Standard	11.9	110.7	119.7	302	1.7	36.6	7.1	595	2.43	26.2	105.8	7.0	66	2.1	5.8	7.1	41	0.65	0.077	15
STD DS8	Standard	13.1	105.5	117.8	307	1.8	36.6	7.2	605	2.44	25.3	130.2	6.5	69	2.2	4.8	6.3	41	0.69	0.073	16
STD DS8	Standard	12.5	105.7	128.7	304	1.7	34.6	7.2	584	2.57	26.4	119.5	6.8	63	2.0	6.0	5.4	39	0.66	0.081	14
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
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	<1
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	<1
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	<1
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	<1
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	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 10, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006375.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
STD DS8	Standard	118	0.60	283	0.122	2	0.96	0.103	0.44	2.9	0.20	2.8	5.5	0.20	5	4.4	4.9
STD DS8	Standard	108	0.58	274	0.108	1	0.88	0.109	0.40	3.1	0.19	2.0	5.1	0.14	5	4.7	4.5
STD DS8	Standard	110	0.59	277	0.107	2	0.91	0.103	0.38	2.9	0.20	2.0	5.3	0.15	4	4.6	4.8
STD DS8	Standard	116	0.59	279	0.116	3	0.88	0.092	0.41	2.8	0.19	2.3	5.1	0.18	5	4.5	4.8
STD DS8	Standard	110	0.59	290	0.115	3	0.94	0.110	0.41	2.9	0.19	2.4	5.1	0.14	5	5.3	5.2
STD DS8	Standard	109	0.65	281	0.106	<1	0.89	0.100	0.41	2.7	0.17	2.6	5.2	0.18	5	5.1	4.9
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Submitted By: Eric Titley
Receiving Lab: Canada-Vancouver
Received: November 21, 2011
Report Date: December 13, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS

VAN11006376.1

CLIENT JOB INFORMATION

Project: BUCK
Shipment ID:
P.O. Number
Number of Samples: 201

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8
Canada

CC: Mark Rebagliati
Lena Brommeland
hddata

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include methods like Dry at 60C, SS80, RJSV, and 1DX2.

ADDITIONAL COMMENTS



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.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147940	Soil	0.7	13.8	6.8	74	0.2	24.9	9.0	586	2.65	8.1	0.7	0.9	22	<0.1	0.4	0.1	52	0.17	0.037	6
1147941	Soil	0.9	29.8	9.6	82	0.2	31.2	13.0	765	3.21	17.3	1.8	1.3	45	0.3	0.7	0.2	61	0.56	0.088	9
1147942	Soil	0.6	21.9	7.1	54	<0.1	25.1	10.0	533	2.93	18.5	0.8	1.9	48	<0.1	0.5	0.1	62	0.35	0.057	11
1147943	Soil	0.5	12.6	6.6	84	0.1	20.3	7.2	297	2.54	5.1	<0.5	0.9	34	0.2	0.2	0.1	52	0.27	0.070	7
1147944	Soil	0.5	11.2	6.4	98	<0.1	18.7	8.7	514	2.35	3.8	<0.5	0.8	24	0.2	0.3	0.1	49	0.20	0.043	6
1147945	Soil	0.9	14.2	6.4	63	<0.1	18.4	9.4	683	2.13	4.9	1.5	0.9	43	0.2	0.2	0.1	47	0.39	0.052	9
1147946	Soil	0.7	20.4	8.0	112	<0.1	29.0	11.5	862	2.87	10.8	0.5	1.0	31	0.2	0.5	0.1	54	0.32	0.073	9
1147947	Soil	0.7	20.6	7.4	142	0.2	32.7	11.6	1557	2.70	10.8	<0.5	0.6	44	0.5	0.3	0.1	51	0.38	0.057	8
1147948	Soil	0.5	14.4	7.2	130	0.2	24.8	8.6	760	2.48	5.8	<0.5	1.1	34	0.4	0.3	0.2	48	0.29	0.143	7
1147949	Soil	0.5	16.9	6.9	112	0.2	25.3	9.9	510	2.89	5.1	0.7	1.2	38	0.3	0.3	0.1	54	0.30	0.162	7
1147950	Soil	0.5	19.1	7.2	215	0.2	22.6	10.5	1757	2.44	4.0	<0.5	0.6	37	0.7	0.2	0.1	47	0.28	0.135	6
1147951	Soil	0.5	16.4	6.9	60	0.1	23.4	8.8	628	2.51	7.4	0.7	1.2	49	0.3	0.3	0.1	52	0.39	0.047	9
1147952	Soil	0.6	34.5	8.6	89	0.3	40.1	11.4	824	3.40	10.2	1.0	1.2	71	0.5	0.4	0.2	63	0.57	0.065	15
1147953	Soil	0.6	19.9	7.5	71	0.1	26.4	10.8	757	2.85	8.9	6.4	1.0	46	0.2	0.4	0.1	58	0.42	0.064	12
1147954	Soil	0.7	21.2	6.8	49	0.1	27.6	9.5	297	2.38	16.2	1.2	0.9	51	0.4	0.3	0.1	47	0.50	0.058	9
1147955	Soil	0.5	16.6	6.2	108	0.2	22.8	8.8	682	2.54	6.6	1.5	0.8	36	0.2	0.3	0.1	53	0.33	0.097	8
1147956	Soil	0.4	15.4	6.6	89	0.1	24.0	8.6	645	2.45	5.3	0.8	1.0	33	0.2	0.3	0.1	53	0.31	0.083	9
1147957	Soil	0.3	18.2	6.7	86	0.2	22.1	7.1	480	2.21	4.2	4.0	1.1	29	0.1	0.2	0.1	46	0.25	0.053	9
1147958	Soil	0.4	16.6	6.6	85	0.1	21.8	9.0	587	2.59	5.4	1.1	1.1	32	0.1	0.3	0.1	53	0.27	0.062	9
1147959	Soil	0.5	16.2	6.9	68	<0.1	23.4	9.5	546	2.74	6.6	0.8	1.1	31	0.1	0.4	0.1	58	0.23	0.039	7
1147960	Soil	0.5	20.0	7.7	85	0.1	25.6	10.2	830	2.75	6.5	0.8	1.0	33	0.2	0.4	0.1	55	0.27	0.057	10
1147961	Soil	0.5	18.0	7.9	72	<0.1	23.3	10.5	695	2.77	6.9	0.6	1.1	33	0.1	0.4	0.1	60	0.29	0.051	9
1147962	Soil	0.5	16.6	7.2	85	<0.1	21.9	10.2	759	2.64	6.5	0.7	0.9	41	0.2	0.4	0.1	57	0.39	0.063	9
1147963	Soil	0.5	17.2	7.6	77	0.1	23.3	10.1	693	2.73	6.3	2.5	1.1	36	0.2	0.4	0.1	57	0.31	0.057	9
1147964	Soil	0.4	18.8	6.8	77	0.1	22.7	9.1	586	2.61	5.6	<0.5	1.0	34	0.2	0.3	0.1	54	0.27	0.053	9
1147965	Soil	0.7	19.3	10.4	65	<0.1	24.8	13.0	869	3.02	10.0	0.6	1.5	47	0.1	0.5	0.1	71	0.39	0.082	11
1147966	Soil	0.5	14.4	6.4	118	0.1	22.4	10.7	581	2.67	4.3	0.6	1.8	57	0.2	0.3	<0.1	63	0.40	0.170	11
1147967	Soil	1.0	19.2	9.8	154	0.2	25.6	12.3	737	3.21	7.3	1.7	1.2	67	0.5	0.4	0.1	77	0.70	0.149	14
1147968	Soil	0.5	16.4	6.3	56	<0.1	23.7	11.4	489	3.02	8.4	0.9	2.0	55	<0.1	0.6	<0.1	78	0.45	0.094	15
1147969	Soil	0.5	15.1	6.4	54	<0.1	21.3	10.9	505	2.62	5.5	1.1	1.7	63	0.1	0.5	<0.1	65	0.52	0.109	10

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 2 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
1147940	Soil	21	0.48	168	0.042	2	1.51	0.011	0.06	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1147941	Soil	27	0.65	191	0.035	4	1.62	0.015	0.14	0.2	0.06	5.2	<0.1	<0.05	5	<0.5	<0.2
1147942	Soil	27	0.55	197	0.068	2	1.29	0.018	0.07	<0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
1147943	Soil	22	0.49	184	0.058	2	1.55	0.012	0.07	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1147944	Soil	20	0.37	152	0.054	2	1.16	0.011	0.07	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1147945	Soil	20	0.46	151	0.056	2	1.15	0.025	0.08	<0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1147946	Soil	25	0.58	158	0.051	2	1.52	0.018	0.08	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1147947	Soil	25	0.49	268	0.028	3	1.74	0.010	0.11	<0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1147948	Soil	22	0.46	236	0.058	2	1.60	0.012	0.14	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1147949	Soil	25	0.54	214	0.054	2	1.84	0.013	0.12	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147950	Soil	22	0.38	275	0.048	2	1.32	0.012	0.11	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1147951	Soil	22	0.52	178	0.057	2	1.35	0.017	0.10	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
1147952	Soil	31	0.73	234	0.031	3	2.16	0.023	0.13	<0.1	0.03	6.2	<0.1	<0.05	5	<0.5	<0.2
1147953	Soil	25	0.54	141	0.052	2	1.38	0.028	0.09	<0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1147954	Soil	23	0.50	169	0.015	1	1.62	0.019	0.05	<0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1147955	Soil	22	0.51	152	0.057	2	1.42	0.016	0.11	<0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147956	Soil	23	0.53	157	0.062	2	1.54	0.023	0.09	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147957	Soil	22	0.44	161	0.065	1	1.34	0.015	0.08	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1147958	Soil	23	0.49	145	0.072	2	1.38	0.016	0.09	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1147959	Soil	23	0.53	147	0.072	1	1.35	0.017	0.07	<0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1147960	Soil	24	0.52	153	0.062	1	1.37	0.016	0.08	<0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1147961	Soil	23	0.56	137	0.071	2	1.42	0.024	0.08	<0.1	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1147962	Soil	22	0.52	148	0.069	2	1.27	0.016	0.10	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1147963	Soil	24	0.52	139	0.073	2	1.39	0.018	0.11	0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1147964	Soil	22	0.50	150	0.055	<1	1.30	0.013	0.09	<0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1147965	Soil	28	0.54	164	0.082	2	1.24	0.021	0.10	0.1	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
1147966	Soil	27	0.44	257	0.087	2	1.39	0.015	0.15	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1147967	Soil	34	0.49	206	0.094	5	1.38	0.018	0.23	0.1	0.04	5.0	<0.1	0.05	4	<0.5	<0.2
1147968	Soil	31	0.50	179	0.097	2	1.04	0.020	0.13	<0.1	0.01	5.0	<0.1	<0.05	4	<0.5	<0.2
1147969	Soil	27	0.53	222	0.083	2	1.19	0.020	0.11	<0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 3 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
1147970	Soil	0.7	32.0	8.0	110	0.2	30.1	12.8	1025	3.05	7.6	<0.5	1.0	60	1.0	0.4	0.1	59	0.76	0.090	10
1147971	Soil	1.0	29.9	7.0	133	0.2	26.0	10.0	701	2.39	4.1	0.5	0.7	151	1.0	0.4	0.1	48	2.00	0.200	11
1147972	Soil	0.6	14.9	8.9	93	<0.1	22.5	12.3	666	2.98	10.6	1.5	1.6	63	0.3	0.5	0.1	75	0.60	0.138	12
1147973	Soil	0.5	18.8	9.0	91	<0.1	26.1	12.3	705	3.07	9.6	4.6	1.9	73	0.3	0.7	0.2	79	0.58	0.123	15
1147974	Soil	0.6	20.4	8.6	94	<0.1	29.9	13.6	729	3.18	10.2	1.4	1.9	63	0.2	0.6	0.1	78	0.59	0.105	13
1147975	Soil	0.5	18.6	8.8	84	<0.1	26.4	12.2	678	2.92	8.4	3.0	1.9	79	0.2	0.6	0.1	73	0.63	0.110	15
1147976	Soil	0.5	19.0	8.3	104	0.1	24.3	11.3	703	2.89	9.4	12.6	1.7	90	0.4	0.6	0.1	68	0.76	0.132	14
1147977	Soil	0.6	18.9	9.3	86	<0.1	24.6	12.8	757	3.06	12.4	3.4	1.8	85	0.3	0.6	0.1	71	0.63	0.114	13
1147978	Soil	0.5	26.1	7.8	75	<0.1	23.3	11.4	830	3.34	10.5	2.1	1.2	53	0.2	0.5	<0.1	66	0.74	0.075	9
1147979	Soil	0.3	20.5	6.4	64	<0.1	20.2	10.7	584	2.93	10.5	1.3	1.3	50	0.2	0.5	<0.1	61	0.57	0.072	9
1147980	Soil	0.4	13.4	5.7	54	<0.1	18.7	7.5	430	2.59	7.0	3.2	0.9	31	0.1	0.4	<0.1	50	0.41	0.047	6
1147981	Soil	0.5	16.3	7.7	72	0.2	22.1	11.1	750	2.90	7.7	1.1	1.0	37	0.3	0.5	0.1	54	0.51	0.050	6
1147982	Soil	0.5	16.4	8.6	76	0.1	19.0	11.4	743	2.83	7.9	0.5	0.7	43	0.4	0.4	0.1	54	0.42	0.072	5
1147983	Soil	0.8	11.5	6.7	107	<0.1	15.4	8.5	865	2.49	5.6	0.7	0.7	27	0.7	0.3	<0.1	49	0.33	0.104	5
1147984	Soil	1.0	15.6	9.9	107	0.2	20.1	11.1	2335	2.77	6.5	1.3	0.5	39	1.3	0.3	0.1	51	0.48	0.114	6
1147985	Soil	0.5	11.2	6.3	121	0.2	19.4	8.5	778	2.66	5.6	0.5	0.8	31	0.4	0.3	<0.1	50	0.30	0.098	6
1147986	Soil	0.3	16.7	6.2	109	0.1	22.2	7.9	548	2.52	5.4	0.8	0.8	38	0.3	0.4	0.1	47	0.40	0.069	7
1147987	Soil	0.7	23.4	7.6	152	0.2	22.0	10.4	1261	2.77	5.7	0.7	0.6	42	0.7	0.3	0.1	50	0.42	0.114	6
1147988	Soil	0.6	22.1	7.2	124	0.3	31.7	12.3	2289	2.72	5.5	0.6	0.6	57	0.7	0.3	0.1	50	0.57	0.059	7
1147989	Soil	0.8	30.5	9.1	160	0.4	30.4	12.2	2131	2.98	6.6	0.6	0.5	56	0.7	0.3	0.1	53	0.57	0.087	13
1147990	Soil	0.5	69.4	9.1	204	0.9	54.7	11.8	815	4.17	8.4	1.6	1.6	72	1.8	0.4	0.2	63	0.70	0.106	17
1147991	Soil	0.3	13.5	6.9	119	<0.1	14.2	8.3	487	2.56	6.5	<0.5	0.9	26	0.3	0.3	<0.1	49	0.30	0.091	6
1147992	Soil	0.4	37.8	7.9	191	0.4	32.7	10.1	1052	3.02	6.9	1.3	1.0	67	0.6	0.3	0.1	50	0.62	0.105	19
1147993	Soil	0.4	42.7	7.0	81	0.3	31.1	9.1	499	2.78	7.5	2.1	1.0	46	0.4	0.3	0.1	51	0.44	0.063	18
1147994	Soil	0.3	25.7	7.0	101	0.2	21.6	8.5	751	2.61	7.4	1.9	0.5	39	0.3	0.3	0.1	50	0.37	0.060	10
1147995	Soil	0.3	8.6	4.7	68	<0.1	11.5	5.1	332	1.84	2.8	<0.5	0.5	25	0.2	0.2	<0.1	39	0.26	0.039	6
1147996	Soil	0.4	14.9	5.6	80	0.1	19.1	7.5	793	2.36	4.6	0.6	0.5	29	0.3	0.3	<0.1	47	0.28	0.033	8
1147997	Soil	0.3	12.4	5.7	108	0.1	16.3	7.3	764	2.39	5.8	<0.5	0.7	30	0.3	0.3	<0.1	48	0.30	0.051	5
1147998	Soil	0.4	12.6	5.5	72	0.1	17.2	6.6	686	2.24	5.1	0.6	0.5	26	0.1	0.3	<0.1	46	0.29	0.028	7
1147999	Soil	0.4	18.3	6.7	85	0.2	20.0	8.8	897	2.46	6.8	0.5	0.5	33	0.3	0.4	<0.1	50	0.34	0.038	10

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 3 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
1147970	Soil	28	0.59	238	0.043	5	1.58	0.017	0.24	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1147971	Soil	21	0.61	265	0.035	15	1.29	0.015	0.36	<0.1	0.09	3.9	<0.1	0.13	4	0.6	<0.2
1147972	Soil	31	0.52	183	0.090	3	1.22	0.020	0.18	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1147973	Soil	34	0.55	228	0.101	2	1.05	0.026	0.14	<0.1	0.03	4.1	<0.1	<0.05	3	<0.5	<0.2
1147974	Soil	32	0.55	190	0.089	3	0.99	0.025	0.10	<0.1	0.03	3.9	<0.1	0.08	4	<0.5	<0.2
1147975	Soil	32	0.56	226	0.099	2	1.09	0.026	0.09	<0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1147976	Soil	32	0.60	253	0.090	5	1.13	0.030	0.14	<0.1	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1147977	Soil	34	0.65	235	0.083	3	1.25	0.028	0.12	<0.1	0.03	4.7	<0.1	<0.05	4	0.5	<0.2
1147978	Soil	25	0.61	148	0.043	5	1.42	0.022	0.09	<0.1	0.05	5.8	<0.1	<0.05	4	0.6	<0.2
1147979	Soil	23	0.57	151	0.057	3	1.21	0.023	0.07	<0.1	0.04	4.9	<0.1	<0.05	4	0.6	<0.2
1147980	Soil	19	0.49	132	0.054	3	1.13	0.012	0.06	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
1147981	Soil	23	0.54	188	0.056	4	1.40	0.013	0.10	<0.1	0.03	3.9	<0.1	<0.05	4	0.6	<0.2
1147982	Soil	22	0.49	165	0.042	3	1.29	0.008	0.18	<0.1	0.02	3.2	<0.1	<0.05	4	0.5	<0.2
1147983	Soil	18	0.41	185	0.043	2	1.09	0.008	0.11	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1147984	Soil	19	0.39	367	0.034	3	1.28	0.009	0.12	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1147985	Soil	20	0.42	210	0.048	3	1.36	0.009	0.10	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1147986	Soil	20	0.49	151	0.054	3	1.26	0.012	0.09	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
1147987	Soil	21	0.44	242	0.043	3	1.39	0.009	0.14	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1147988	Soil	21	0.47	279	0.035	3	1.55	0.009	0.14	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1147989	Soil	24	0.56	279	0.026	2	1.93	0.012	0.12	<0.1	0.02	4.4	<0.1	<0.05	5	0.5	<0.2
1147990	Soil	36	0.79	467	0.012	3	3.24	0.021	0.28	<0.1	0.03	10.2	<0.1	<0.05	8	<0.5	<0.2
1147991	Soil	18	0.41	149	0.044	2	1.13	0.009	0.11	<0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1147992	Soil	27	0.60	319	0.015	2	2.55	0.013	0.16	<0.1	0.03	8.4	<0.1	<0.05	7	0.7	<0.2
1147993	Soil	27	0.59	228	0.022	2	1.96	0.013	0.12	<0.1	0.03	6.7	<0.1	<0.05	6	0.7	<0.2
1147994	Soil	21	0.52	165	0.026	2	1.63	0.013	0.10	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1147995	Soil	13	0.31	98	0.049	2	0.88	0.008	0.06	<0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1147996	Soil	18	0.43	139	0.041	1	1.27	0.012	0.07	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1147997	Soil	17	0.42	143	0.054	2	1.12	0.009	0.09	<0.1	<0.01	3.1	<0.1	<0.05	3	<0.5	<0.2
1147998	Soil	16	0.39	136	0.038	1	1.17	0.010	0.05	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1147999	Soil	19	0.44	155	0.039	2	1.28	0.010	0.06	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 4 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
		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	1
1148000	Soil	0.4	13.2	6.6	50	<0.1	16.3	7.7	492	2.53	7.5	2.2	0.8	25	<0.1	0.3	<0.1	51	0.25	0.032	7
128001	Soil	0.5	14.7	6.3	69	0.1	21.5	7.7	698	2.52	7.6	0.6	0.4	26	0.1	0.3	<0.1	51	0.24	0.029	7
128002	Soil	0.3	9.3	4.8	79	<0.1	12.4	5.5	550	1.79	2.3	<0.5	0.6	20	<0.1	0.2	<0.1	40	0.24	0.040	6
128003	Soil	0.6	25.2	9.0	89	0.2	25.0	12.9	1343	2.98	10.1	<0.5	0.7	32	<0.1	0.3	0.1	61	0.32	0.061	10
128004	Soil	0.3	12.2	5.5	58	<0.1	15.2	6.5	487	2.08	4.9	1.7	0.7	28	<0.1	0.3	<0.1	44	0.31	0.029	6
128005	Soil	0.5	35.3	9.0	130	0.3	31.3	11.5	1035	3.47	11.3	1.2	1.2	69	0.2	0.3	0.1	66	0.86	0.044	21
128006	Soil	0.3	11.5	10.3	66	0.1	15.3	9.5	560	3.12	6.6	<0.5	0.9	48	0.3	0.2	0.1	57	0.94	0.021	7
128007	Soil	0.4	21.1	7.3	94	0.1	19.3	8.6	864	2.55	7.0	0.9	0.8	34	0.4	0.4	<0.1	51	0.41	0.041	8
128008	Soil	0.3	15.3	5.9	80	0.2	16.6	7.7	690	2.34	6.4	<0.5	0.6	37	0.4	0.3	<0.1	48	0.45	0.119	11
128009	Soil	0.3	10.7	7.6	134	0.1	16.2	7.8	452	2.89	10.6	<0.5	0.8	28	0.4	0.4	<0.1	60	0.31	0.115	5
128010	Soil	0.3	46.1	10.3	180	0.5	27.5	11.5	1408	3.51	16.3	0.6	1.2	56	1.0	0.5	0.1	67	0.66	0.051	12
128011	Soil	0.3	71.4	9.5	238	1.1	40.0	10.7	1008	3.65	18.3	1.0	1.3	107	1.2	0.6	0.2	62	1.49	0.093	23
128012	Soil	0.4	31.7	10.7	82	0.1	29.9	14.1	876	3.56	21.2	2.3	1.3	61	0.2	0.5	0.1	73	0.66	0.045	11
128013	Soil	0.4	9.4	7.8	156	0.2	16.3	8.2	572	2.72	5.9	1.0	0.6	18	0.3	0.4	<0.1	57	0.23	0.122	4
128014	Soil	0.5	7.9	7.9	133	0.1	14.2	7.2	808	2.35	4.7	0.9	0.3	18	0.2	0.3	0.1	51	0.29	0.098	5
128015	Soil	0.4	14.0	8.0	77	<0.1	17.2	7.0	431	2.67	9.3	1.7	0.7	22	<0.1	0.4	<0.1	60	0.23	0.041	5
128016	Soil	0.4	13.0	7.4	110	0.2	16.8	7.3	827	2.42	8.2	1.4	0.4	22	0.1	0.3	<0.1	54	0.19	0.029	10
128017	Soil	0.5	11.0	8.7	160	0.1	18.2	9.5	1412	2.83	8.1	0.7	0.4	26	0.5	0.4	0.1	63	0.25	0.041	5
128018	Soil	0.3	13.2	6.6	106	0.1	16.3	6.7	608	2.18	5.1	6.4	0.6	30	0.2	0.3	<0.1	44	0.37	0.040	8
128019	Soil	0.5	42.0	10.3	127	0.5	29.7	13.7	1304	2.98	11.1	2.1	0.9	56	0.4	0.3	0.2	65	0.63	0.070	23
128020	Soil	0.3	15.6	7.0	67	0.1	15.9	7.6	568	2.17	6.0	2.1	0.6	30	0.2	0.3	<0.1	47	0.33	0.035	10
128021	Soil	0.4	15.1	7.7	67	0.2	17.3	9.3	559	2.42	7.8	1.4	0.7	50	0.1	0.4	<0.1	50	0.49	0.028	8
128022	Soil	0.3	19.8	8.5	78	0.2	19.4	9.1	660	2.79	8.7	1.4	0.8	47	0.2	0.4	0.1	56	0.48	0.030	8
128023	Soil	0.3	14.2	8.3	59	<0.1	16.5	7.8	504	2.55	8.8	1.2	0.9	36	0.1	0.4	0.1	55	0.39	0.024	6
128024	Soil	0.4	9.0	7.9	58	<0.1	10.9	6.1	447	2.00	4.9	1.1	0.5	22	<0.1	0.3	<0.1	46	0.24	0.023	5
128025	Soil	0.4	12.2	7.4	68	<0.1	14.8	6.7	523	2.19	4.9	1.2	0.8	21	<0.1	0.2	<0.1	46	0.21	0.024	6
128026	Soil	0.3	13.4	7.4	58	0.1	13.1	5.8	399	2.09	5.7	1.0	0.7	19	<0.1	0.3	<0.1	44	0.20	0.038	6
128027	Soil	0.5	12.2	7.5	52	<0.1	13.0	6.3	351	2.44	6.9	0.9	0.7	17	<0.1	0.4	<0.1	54	0.15	0.023	5
128028	Soil	0.4	9.6	5.8	54	<0.1	10.2	4.9	300	1.88	4.2	1.8	0.6	17	<0.1	0.2	<0.1	42	0.19	0.036	5
128029	Soil	0.5	17.1	7.1	90	0.3	17.1	7.0	961	2.27	4.8	1.2	0.5	28	0.2	0.3	<0.1	45	0.32	0.055	10

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 4 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
1148000	Soil	19	0.48	107	0.052	2	1.17	0.013	0.06	<0.1	0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
128001	Soil	20	0.47	124	0.036	2	1.39	0.010	0.05	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
128002	Soil	14	0.31	112	0.044	2	1.03	0.007	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
128003	Soil	26	0.56	196	0.024	2	2.07	0.010	0.09	<0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
128004	Soil	17	0.44	104	0.049	1	1.10	0.012	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
128005	Soil	32	0.65	266	0.021	4	2.88	0.015	0.11	<0.1	0.03	9.8	<0.1	<0.05	7	<0.5	<0.2
128006	Soil	23	0.43	192	0.029	7	1.81	0.016	0.06	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
128007	Soil	19	0.42	140	0.038	2	1.27	0.013	0.06	<0.1	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
128008	Soil	19	0.41	157	0.037	2	1.43	0.012	0.12	<0.1	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
128009	Soil	20	0.43	178	0.042	3	1.35	0.008	0.09	<0.1	0.02	3.4	<0.1	<0.05	5	0.5	<0.2
128010	Soil	28	0.53	239	0.034	5	2.02	0.014	0.13	<0.1	0.04	11.8	<0.1	<0.05	6	0.5	<0.2
128011	Soil	35	0.70	375	0.012	4	3.27	0.019	0.15	<0.1	0.06	15.6	<0.1	0.06	8	1.4	<0.2
128012	Soil	33	0.71	164	0.047	4	1.86	0.014	0.11	<0.1	0.05	8.3	<0.1	<0.05	5	<0.5	<0.2
128013	Soil	20	0.41	161	0.039	2	1.30	0.008	0.06	0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128014	Soil	19	0.32	132	0.036	2	1.32	0.008	0.08	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
128015	Soil	21	0.43	99	0.046	1	1.26	0.008	0.05	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
128016	Soil	20	0.35	151	0.033	1	1.45	0.010	0.04	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
128017	Soil	21	0.41	149	0.043	1	1.46	0.009	0.06	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
128018	Soil	18	0.44	125	0.044	2	1.30	0.010	0.07	<0.1	0.02	3.8	<0.1	<0.05	4	0.6	<0.2
128019	Soil	30	0.59	291	0.017	2	2.59	0.012	0.13	<0.1	0.04	8.4	<0.1	<0.05	7	<0.5	<0.2
128020	Soil	19	0.40	111	0.043	<1	1.16	0.009	0.06	<0.1	0.01	4.0	<0.1	<0.05	4	0.5	<0.2
128021	Soil	19	0.44	137	0.051	2	1.23	0.009	0.09	<0.1	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
128022	Soil	24	0.55	146	0.043	2	1.46	0.012	0.08	<0.1	0.03	5.4	<0.1	<0.05	4	<0.5	<0.2
128023	Soil	21	0.48	109	0.058	1	1.20	0.012	0.07	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
128024	Soil	15	0.36	83	0.042	2	0.99	0.008	0.05	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
128025	Soil	18	0.41	101	0.047	1	1.19	0.010	0.05	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
128026	Soil	17	0.41	87	0.044	1	1.20	0.009	0.04	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128027	Soil	17	0.39	81	0.043	1	1.22	0.008	0.03	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
128028	Soil	14	0.32	79	0.039	1	1.03	0.007	0.05	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
128029	Soil	18	0.41	158	0.029	<1	1.43	0.010	0.06	<0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 5 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
	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	1	
128030	Soil	0.3	14.1	7.9	92	0.2	15.4	7.1	730	2.37	5.7	1.9	0.6	21	0.2	0.3	<0.1	48	0.24	0.043	7
128031	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128032	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128033	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128034	Soil	0.3	14.6	16.3	52	<0.1	11.3	6.3	252	1.84	4.6	0.9	0.6	39	0.1	0.2	<0.1	45	0.32	0.021	9
128035	Soil	0.3	13.8	6.7	59	0.1	12.2	5.2	302	2.01	5.2	1.4	0.4	17	<0.1	0.2	<0.1	43	0.17	0.026	6
128036	Soil	0.4	9.5	6.1	54	<0.1	9.4	4.0	318	1.79	4.1	1.7	0.5	19	0.1	0.3	<0.1	40	0.21	0.033	5
128037	Soil	0.3	13.7	8.9	59	0.1	12.8	5.4	298	2.09	4.9	2.3	0.6	18	<0.1	0.3	<0.1	48	0.20	0.021	6
128038	Soil	0.4	19.5	10.2	70	<0.1	14.4	7.7	712	2.44	9.5	1.2	0.8	26	0.2	0.4	0.1	53	0.26	0.041	8
128039	Soil	0.3	12.1	8.2	61	0.1	12.3	5.9	450	2.15	6.0	1.9	0.7	18	<0.1	0.3	<0.1	46	0.24	0.028	6
128040	Soil	0.3	13.1	9.7	98	0.3	14.1	8.0	450	2.47	8.0	1.0	0.8	15	<0.1	0.3	<0.1	54	0.23	0.069	6
128041	Soil	0.6	11.8	7.8	114	0.2	14.7	9.1	973	2.82	5.0	1.3	0.4	24	0.3	0.4	<0.1	62	0.22	0.102	7
128042	Soil	0.4	10.6	6.6	104	0.2	14.4	8.4	1053	2.45	2.0	1.4	0.9	30	0.2	0.2	<0.1	47	0.24	0.131	9
128043	Soil	0.5	11.4	5.1	76	<0.1	15.5	6.3	423	2.33	3.2	1.1	0.9	21	0.1	0.3	<0.1	51	0.20	0.081	7
128044	Soil	0.6	21.5	8.7	79	0.1	19.8	10.1	854	3.01	8.1	2.5	1.4	37	0.2	0.5	0.1	66	0.36	0.076	12
128045	Soil	0.6	23.1	9.0	76	0.1	18.9	11.2	1080	3.10	8.5	2.1	1.5	35	0.3	0.5	0.1	67	0.54	0.090	13
128046	Soil	0.5	10.9	6.9	92	0.1	14.3	8.1	824	2.66	4.8	3.5	1.0	29	0.2	0.3	<0.1	60	0.26	0.134	6
128047	Soil	0.7	25.4	10.8	98	0.1	23.5	14.5	1221	3.47	12.4	2.6	1.0	55	0.5	0.6	0.1	77	0.71	0.091	12
128048	Soil	0.7	18.6	9.5	98	<0.1	23.2	13.2	857	3.49	11.5	2.2	1.2	39	0.2	0.6	0.1	87	0.56	0.081	10
128049	Soil	0.7	21.6	9.7	111	<0.1	24.6	14.7	1727	3.78	12.9	2.3	1.2	38	0.2	0.7	<0.1	93	0.52	0.085	11
128050	Soil	0.9	24.7	9.0	110	0.1	25.4	17.0	2575	3.67	16.1	1.5	1.0	48	0.3	0.5	0.1	77	0.62	0.096	12
128051	Soil	0.3	30.3	9.8	108	0.2	24.6	14.4	609	3.42	7.8	2.3	1.4	39	0.2	0.7	0.1	82	0.48	0.087	13
128052	Soil	0.7	27.9	9.7	104	0.1	25.6	14.7	753	4.11	15.8	1.8	1.5	41	0.2	0.7	0.1	86	0.54	0.119	13
128053	Soil	0.2	25.1	9.4	100	0.1	24.1	12.0	423	3.34	8.2	1.7	1.5	37	0.2	0.5	0.1	79	0.51	0.087	12
128054	Soil	0.5	26.9	9.7	94	0.2	25.8	14.2	914	3.87	12.5	2.7	1.3	48	0.2	0.7	0.1	86	0.63	0.090	13
128055	Soil	0.7	24.0	11.5	128	0.1	28.6	15.9	692	4.79	13.7	1.6	1.6	42	0.3	0.7	0.1	132	0.64	0.102	17
128056	Soil	0.6	24.5	9.4	127	0.2	22.6	13.2	1048	3.30	10.3	1.4	0.8	72	0.5	0.5	0.1	79	0.86	0.079	13
128057	Soil	0.5	14.6	6.7	69	<0.1	17.6	9.1	653	2.87	7.6	1.3	1.0	38	0.1	0.5	<0.1	68	0.45	0.075	10
128058	Soil	2.1	28.6	9.2	100	0.2	33.4	20.1	>10000	4.51	21.5	1.5	0.9	83	0.5	0.6	0.1	83	1.09	0.107	13
128059	Soil	0.7	28.5	8.0	93	0.1	24.0	11.7	1458	2.88	10.8	2.3	0.9	61	0.4	0.7	<0.1	82	0.95	0.087	11

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 5 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
128030	Soil	18	0.40	146	0.038	<1	1.37	0.010	0.05	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
128031	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128032	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128033	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128034	Soil	15	0.34	133	0.030	1	1.09	0.011	0.05	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
128035	Soil	16	0.38	86	0.041	2	1.20	0.011	0.04	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
128036	Soil	13	0.29	85	0.040	<1	0.87	0.007	0.05	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
128037	Soil	17	0.37	102	0.041	<1	1.16	0.009	0.04	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
128038	Soil	18	0.36	153	0.033	<1	1.34	0.008	0.04	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
128039	Soil	16	0.38	109	0.039	1	1.16	0.008	0.04	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
128040	Soil	19	0.32	123	0.038	<1	1.46	0.008	0.05	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
128041	Soil	18	0.35	243	0.039	<1	1.43	0.010	0.05	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
128042	Soil	21	0.24	257	0.038	<1	1.68	0.013	0.04	<0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
128043	Soil	18	0.35	173	0.052	<1	1.24	0.011	0.04	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
128044	Soil	23	0.51	217	0.065	1	1.45	0.015	0.07	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
128045	Soil	19	0.50	245	0.049	<1	1.21	0.016	0.10	<0.1	0.04	5.8	<0.1	<0.05	4	<0.5	<0.2
128046	Soil	17	0.37	255	0.040	1	1.56	0.012	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
128047	Soil	27	0.72	206	0.050	3	1.51	0.021	0.07	<0.1	0.07	6.5	<0.1	<0.05	5	<0.5	<0.2
128048	Soil	27	0.73	188	0.057	3	1.33	0.024	0.05	<0.1	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
128049	Soil	28	0.73	183	0.057	2	1.32	0.024	0.05	<0.1	0.04	6.0	<0.1	<0.05	5	<0.5	<0.2
128050	Soil	25	0.70	285	0.048	2	1.42	0.021	0.06	<0.1	0.06	6.0	<0.1	<0.05	4	<0.5	<0.2
128051	Soil	28	0.68	255	0.050	3	1.45	0.024	0.05	<0.1	0.06	6.5	<0.1	0.07	4	<0.5	<0.2
128052	Soil	27	0.65	260	0.051	4	1.45	0.022	0.06	<0.1	0.07	6.5	<0.1	0.09	4	<0.5	<0.2
128053	Soil	26	0.70	268	0.044	3	1.61	0.020	0.06	<0.1	0.06	6.3	<0.1	0.09	4	<0.5	<0.2
128054	Soil	27	0.71	261	0.048	2	1.53	0.023	0.06	<0.1	0.07	6.3	<0.1	0.06	4	<0.5	<0.2
128055	Soil	34	0.95	290	0.054	4	1.62	0.027	0.06	<0.1	0.04	8.0	<0.1	0.08	5	<0.5	<0.2
128056	Soil	27	0.67	276	0.035	3	1.74	0.022	0.06	<0.1	0.06	6.1	<0.1	0.11	5	<0.5	<0.2
128057	Soil	21	0.51	158	0.056	2	1.30	0.015	0.06	<0.1	0.02	3.9	<0.1	0.06	4	<0.5	<0.2
128058	Soil	25	0.69	861	0.034	4	1.47	0.025	0.06	<0.1	0.08	5.6	<0.1	0.15	4	<0.5	<0.2
128059	Soil	25	0.67	300	0.049	4	1.28	0.023	0.05	<0.1	0.07	5.0	<0.1	0.20	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 6 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	Unit	MDL	1DX15 Mo ppm	1DX15 Cu ppm	1DX15 Pb ppm	1DX15 Zn ppm	1DX15 Ag ppm	1DX15 Ni ppm	1DX15 Co ppm	1DX15 Mn ppm	1DX15 Fe %	1DX15 As ppm	1DX15 Au ppb	1DX15 Th ppm	1DX15 Sr ppm	1DX15 Cd ppm	1DX15 Sb ppm	1DX15 Bi ppm	1DX15 V ppm	1DX15 Ca %	1DX15 P %	1DX15 La ppm
				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	1
128060	Soil			0.8	27.4	9.2	91	0.2	24.1	14.6	2438	3.52	15.1	1.9	0.7	81	0.4	0.5	0.1	80	1.15	0.096	12
128061	Soil			12.9	39.9	3.4	141	0.3	63.6	38.4	>10000	4.21	44.7	1.2	0.1	186	2.7	1.8	<0.1	53	2.65	0.136	10
128062	Soil			0.5	16.5	8.4	81	<0.1	20.8	10.8	744	2.97	7.8	1.3	1.2	43	0.2	0.5	<0.1	74	0.52	0.087	10
128063	Soil			1.1	20.3	9.0	113	0.1	24.9	15.4	2585	4.04	24.7	1.1	1.3	53	0.4	0.6	<0.1	83	0.68	0.112	11
128064	Soil			0.6	14.2	8.4	91	<0.1	19.0	10.5	503	3.19	11.6	0.8	0.4	53	0.3	0.4	0.1	79	0.64	0.089	7
128065	Soil			0.6	23.2	8.6	98	0.1	24.3	13.3	1193	3.40	11.4	1.3	1.2	43	0.2	0.6	0.1	80	0.54	0.090	12
128066	Soil			0.8	27.1	9.2	106	0.1	26.0	16.2	758	5.19	26.4	2.4	1.6	40	0.2	0.7	0.1	84	0.49	0.119	13
128067	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128068	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128069	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128070	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128071	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128072	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128073	Soil			0.4	8.4	5.1	66	<0.1	11.1	5.6	332	2.11	2.9	0.7	0.9	25	<0.1	0.3	<0.1	51	0.25	0.054	6
128074	Soil			0.6	12.7	6.8	103	0.1	17.8	10.2	398	2.86	4.5	0.8	1.5	25	0.1	0.3	<0.1	65	0.26	0.155	7
128075	Soil			0.3	8.9	5.1	58	<0.1	13.0	5.7	294	2.09	2.8	0.7	1.1	25	<0.1	0.2	<0.1	51	0.25	0.060	7
128076	Soil			0.2	10.1	5.4	46	<0.1	14.1	6.6	343	2.17	3.5	<0.5	1.3	33	<0.1	0.2	<0.1	50	0.31	0.055	9
128077	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128078	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128079	Soil			0.6	40.4	4.5	58	0.5	29.0	6.7	429	2.72	6.1	0.6	0.5	168	0.3	0.6	<0.1	54	2.53	0.089	16
128080	Soil			0.4	10.3	10.7	56	0.1	12.7	6.3	296	2.29	4.2	0.7	0.8	26	0.6	0.3	<0.1	57	0.24	0.042	6
128081	Soil			0.3	10.5	4.9	52	<0.1	14.0	5.9	318	2.16	3.9	1.1	1.0	27	<0.1	0.3	<0.1	50	0.28	0.063	8
128082	Soil			0.5	11.9	6.1	89	0.2	19.5	8.3	297	2.85	5.6	0.8	1.0	25	0.1	0.4	<0.1	63	0.24	0.162	7
128083	Soil			0.5	10.3	6.0	78	0.1	16.5	7.7	825	2.43	4.0	<0.5	0.8	46	0.3	0.4	<0.1	55	0.39	0.110	8
128084	Soil			0.6	9.1	5.9	96	0.2	15.5	7.3	623	2.17	3.3	0.6	0.9	39	0.2	0.3	<0.1	50	0.34	0.119	7
128085	Soil			0.6	13.3	6.4	86	<0.1	19.3	9.5	836	2.84	6.0	0.8	1.1	33	0.2	0.4	<0.1	68	0.27	0.102	8
128086	Soil			0.7	10.1	5.9	110	<0.1	17.3	6.9	1298	2.33	3.1	<0.5	0.8	36	0.2	0.3	<0.1	51	0.27	0.097	9
128087	Soil			0.4	8.5	5.2	80	<0.1	13.3	6.2	434	2.09	2.9	0.5	0.9	30	<0.1	0.3	<0.1	52	0.26	0.057	8
128088	Soil			0.6	14.9	7.1	70	<0.1	18.4	8.6	289	3.00	7.6	0.6	1.6	15	<0.1	0.4	<0.1	71	0.13	0.119	9
128089	Soil			1.4	16.6	15.1	131	<0.1	13.9	7.5	1058	3.07	19.2	<0.5	0.6	13	0.2	0.5	0.1	65	0.11	0.353	8

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Hunter Dickinson Inc.**
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 13, 2011

Page: 6 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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
128060	Soil	26	0.68	249	0.035	3	1.55	0.024	0.06	<0.1	0.07	5.4	<0.1	0.12	4	<0.5	<0.2
128061	Soil	10	0.41	3082	0.008	7	0.49	0.017	0.04	<0.1	0.15	1.4	<0.1	0.25	1	<0.5	<0.2
128062	Soil	26	0.70	163	0.054	2	1.37	0.024	0.05	<0.1	0.04	4.9	<0.1	<0.05	4	<0.5	<0.2
128063	Soil	28	0.74	316	0.047	3	1.53	0.025	0.06	<0.1	0.04	5.9	<0.1	0.05	4	<0.5	<0.2
128064	Soil	24	0.63	152	0.031	4	1.56	0.017	0.05	<0.1	0.04	3.5	<0.1	0.07	5	<0.5	<0.2
128065	Soil	28	0.72	191	0.054	2	1.47	0.025	0.06	<0.1	0.05	5.6	<0.1	<0.05	4	<0.5	<0.2
128066	Soil	28	0.69	215	0.051	3	1.56	0.024	0.06	<0.1	0.04	6.5	<0.1	<0.05	4	<0.5	<0.2
128067	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128068	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128069	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128070	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128071	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128072	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128073	Soil	15	0.34	191	0.053	1	1.01	0.012	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
128074	Soil	23	0.38	267	0.046	1	1.94	0.013	0.06	<0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
128075	Soil	18	0.35	161	0.058	<1	1.10	0.012	0.04	<0.1	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
128076	Soil	19	0.39	166	0.069	<1	1.13	0.018	0.04	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
128077	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128078	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128079	Soil	22	0.55	643	0.015	3	2.03	0.018	0.08	<0.1	0.14	4.8	<0.1	0.22	5	<0.5	<0.2
128080	Soil	18	0.36	167	0.070	1	1.13	0.015	0.05	<0.1	0.01	2.6	<0.1	0.06	4	<0.5	<0.2
128081	Soil	18	0.39	156	0.070	<1	1.12	0.014	0.06	<0.1	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2
128082	Soil	23	0.41	257	0.060	1	1.71	0.014	0.07	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
128083	Soil	19	0.36	416	0.058	2	1.32	0.011	0.08	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
128084	Soil	19	0.32	345	0.059	2	1.27	0.014	0.06	<0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
128085	Soil	22	0.39	354	0.065	1	1.57	0.012	0.06	<0.1	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
128086	Soil	19	0.34	441	0.055	1	1.59	0.013	0.06	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
128087	Soil	17	0.34	236	0.068	<1	1.08	0.015	0.05	<0.1	0.02	2.6	<0.1	0.06	3	<0.5	<0.2
128088	Soil	25	0.41	514	0.060	<1	2.31	0.010	0.05	<0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
128089	Soil	22	0.21	1448	0.034	2	2.99	0.008	0.07	<0.1	0.14	2.4	0.1	0.06	8	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
128090	Soil	0.5	8.9	5.5	88	<0.1	18.6	7.5	584	2.53	4.0	<0.5	1.0	27	0.1	0.3	<0.1	58	0.22	0.154	6
128091	Soil	0.5	24.9	7.4	75	0.2	30.3	10.7	668	3.20	7.0	1.2	1.7	108	0.2	0.4	<0.1	72	0.76	0.117	17
128092	Soil	0.4	23.6	6.7	59	<0.1	33.7	12.2	577	2.97	5.8	0.8	1.9	141	0.1	0.3	0.2	75	0.78	0.106	16
128093	Soil	0.4	14.7	6.2	54	<0.1	17.5	7.5	421	2.54	5.3	1.1	1.5	47	<0.1	0.3	0.1	63	0.40	0.079	13
128094	Soil	0.5	14.9	6.2	75	<0.1	18.7	7.7	525	2.76	4.9	0.9	1.5	38	<0.1	0.3	0.1	66	0.31	0.047	10
128095	Soil	0.5	21.0	7.3	72	<0.1	20.0	10.2	717	3.20	7.6	1.2	1.3	55	<0.1	0.5	0.1	64	0.39	0.104	11
128096	Soil	0.6	11.5	7.4	73	<0.1	15.8	7.9	576	2.59	4.5	2.2	1.0	29	<0.1	0.3	0.3	53	0.22	0.111	10
128097	Soil	0.6	10.5	5.7	63	<0.1	16.9	7.7	581	2.41	4.5	0.9	1.0	27	<0.1	0.3	<0.1	52	0.22	0.099	7
128098	Soil	0.7	33.3	7.5	109	0.2	35.6	14.5	1296	3.39	5.7	1.9	1.9	101	0.5	0.3	0.1	72	0.60	0.175	19
128099	Soil	0.8	17.2	6.9	100	0.1	32.2	14.5	738	3.49	6.0	2.9	1.5	84	0.3	0.3	0.1	82	0.60	0.141	11
128100	Soil	0.6	16.2	6.9	73	<0.1	31.8	13.2	837	3.26	6.5	<0.5	1.8	84	0.2	0.3	<0.1	76	0.62	0.140	12
128101	Soil	0.9	21.4	7.3	107	0.1	35.1	14.7	1187	3.40	5.1	0.9	2.0	88	0.7	0.3	0.1	74	0.68	0.195	15
128102	Soil	0.7	25.8	7.0	95	0.1	38.8	14.6	999	3.30	5.6	1.8	1.7	141	0.4	0.3	<0.1	74	1.01	0.149	17
128103	Soil	0.6	20.7	6.9	89	0.1	35.5	14.1	790	3.61	6.1	4.1	1.5	132	0.3	0.3	<0.1	96	0.94	0.158	16
128104	Soil	0.5	19.9	6.8	104	<0.1	35.7	13.3	614	3.27	4.9	1.2	1.6	120	0.3	0.3	<0.1	76	0.80	0.171	16
128105	Soil	0.6	21.2	6.8	70	<0.1	35.3	14.8	932	3.38	6.5	1.8	1.7	121	0.2	0.3	<0.1	84	0.76	0.118	16
128106	Soil	1.0	21.0	6.7	72	<0.1	34.0	14.8	682	3.29	4.9	6.6	1.4	97	0.6	0.3	<0.1	88	0.77	0.115	16
128107	Soil	0.5	15.9	6.9	60	<0.1	18.4	7.9	513	2.79	5.9	1.4	1.4	53	<0.1	0.4	<0.1	68	0.42	0.080	15
128108	Soil	0.3	9.2	5.0	66	<0.1	11.2	5.3	521	1.93	2.5	1.1	0.8	29	<0.1	0.3	<0.1	44	0.26	0.069	8
128109	Soil	0.5	14.9	5.6	61	<0.1	16.2	7.5	557	2.45	5.3	1.0	0.8	32	<0.1	0.5	<0.1	58	0.29	0.085	8
128110	Soil	0.4	15.2	6.2	62	<0.1	19.9	10.3	466	2.94	6.8	2.6	1.1	43	<0.1	0.4	0.1	73	0.34	0.104	9
128111	Soil	0.5	11.5	6.0	78	0.1	16.6	7.9	753	2.61	5.0	1.7	1.0	30	0.2	0.3	<0.1	59	0.28	0.133	7
128112	Soil	1.0	15.8	7.0	204	0.2	22.2	12.4	798	3.32	2.9	<0.5	1.5	56	0.5	0.2	0.1	83	0.51	0.259	12
128113	Soil	0.4	17.0	5.6	85	0.2	19.0	7.6	672	2.51	3.5	0.6	0.9	50	0.2	0.3	<0.1	54	0.42	0.073	19
128114	Soil	0.5	31.6	6.6	87	0.2	30.5	9.7	645	3.09	5.4	<0.5	1.0	89	0.5	0.3	0.1	62	0.78	0.085	16
128115	Soil	0.7	33.8	7.3	63	<0.1	30.7	14.4	1314	3.24	7.3	1.6	1.3	86	0.5	0.4	<0.1	70	0.87	0.057	12
128116	Soil	0.7	15.6	6.9	74	0.1	22.1	11.4	615	3.31	5.2	1.9	1.3	61	0.2	0.4	<0.1	71	0.63	0.107	9
128117	Soil	0.6	10.9	5.9	59	0.1	17.2	8.3	486	2.71	4.2	1.0	1.1	41	0.2	0.3	<0.1	63	0.36	0.045	7
128118	Soil	0.6	12.4	5.8	91	0.1	20.8	8.8	645	2.79	4.8	<0.5	1.1	51	0.2	0.4	<0.1	62	0.50	0.164	9
128119	Soil	0.7	31.0	6.5	83	0.2	24.9	10.5	854	3.02	4.5	1.0	0.8	101	0.8	0.3	<0.1	64	1.15	0.088	12

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 7 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
128090	Soil	20	0.30	384	0.059	1	1.55	0.011	0.09	<0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
128091	Soil	31	0.73	519	0.095	<1	1.94	0.038	0.08	<0.1	0.05	5.4	<0.1	0.07	5	<0.5	<0.2
128092	Soil	31	0.88	386	0.128	<1	1.82	0.075	0.06	<0.1	0.03	4.6	<0.1	0.06	5	<0.5	<0.2
128093	Soil	23	0.48	228	0.097	<1	1.29	0.023	0.07	<0.1	0.02	3.7	<0.1	0.06	4	<0.5	<0.2
128094	Soil	23	0.44	202	0.096	<1	1.40	0.016	0.07	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
128095	Soil	25	0.57	284	0.071	2	1.73	0.019	0.08	<0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
128096	Soil	20	0.34	232	0.057	1	1.53	0.012	0.04	<0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
128097	Soil	18	0.36	241	0.058	<1	1.48	0.012	0.05	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
128098	Soil	32	0.84	361	0.108	1	2.33	0.033	0.13	<0.1	0.05	6.6	<0.1	<0.05	6	<0.5	<0.2
128099	Soil	33	0.84	268	0.136	2	1.80	0.031	0.20	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
128100	Soil	30	0.79	279	0.114	<1	1.70	0.030	0.11	<0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
128101	Soil	30	0.84	290	0.127	1	1.80	0.035	0.20	<0.1	0.01	5.4	0.1	<0.05	5	<0.5	<0.2
128102	Soil	31	0.92	312	0.123	1	1.82	0.060	0.21	<0.1	0.05	5.4	<0.1	<0.05	5	<0.5	<0.2
128103	Soil	34	0.90	232	0.141	2	1.66	0.057	0.16	<0.1	0.04	4.9	<0.1	<0.05	5	<0.5	<0.2
128104	Soil	33	0.89	285	0.129	2	1.80	0.058	0.19	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
128105	Soil	33	0.92	279	0.135	<1	1.77	0.070	0.14	<0.1	0.02	5.3	<0.1	<0.05	5	0.6	<0.2
128106	Soil	32	0.90	250	0.134	2	1.80	0.064	0.10	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
128107	Soil	24	0.48	289	0.104	<1	1.39	0.021	0.07	<0.1	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
128108	Soil	15	0.32	220	0.063	<1	0.98	0.013	0.05	<0.1	0.02	2.8	<0.1	<0.05	3	0.5	<0.2
128109	Soil	20	0.37	224	0.064	<1	1.34	0.011	0.07	0.1	0.03	3.2	<0.1	<0.05	4	0.7	<0.2
128110	Soil	25	0.51	237	0.093	<1	1.48	0.018	0.06	<0.1	0.05	3.4	<0.1	<0.05	4	0.5	<0.2
128111	Soil	20	0.36	209	0.064	<1	1.53	0.012	0.07	<0.1	0.04	3.3	<0.1	<0.05	5	0.8	<0.2
128112	Soil	30	0.63	340	0.145	<1	1.55	0.019	0.12	<0.1	0.03	3.6	<0.1	<0.05	6	0.6	<0.2
128113	Soil	21	0.44	280	0.070	<1	1.52	0.016	0.08	<0.1	0.05	4.6	<0.1	<0.05	5	<0.5	<0.2
128114	Soil	29	0.66	364	0.065	2	2.17	0.021	0.12	<0.1	0.05	6.9	<0.1	<0.05	6	0.6	<0.2
128115	Soil	28	0.82	274	0.077	2	1.72	0.029	0.09	<0.1	0.04	5.6	<0.1	<0.05	5	0.7	<0.2
128116	Soil	28	0.63	286	0.081	2	1.74	0.023	0.15	<0.1	0.04	5.1	<0.1	<0.05	5	0.7	<0.2
128117	Soil	22	0.49	206	0.078	1	1.46	0.021	0.06	<0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
128118	Soil	23	0.50	295	0.089	<1	1.45	0.017	0.16	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
128119	Soil	25	0.82	293	0.065	4	1.64	0.036	0.09	<0.1	0.05	5.1	<0.1	0.07	4	0.9	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 8 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	
MDL		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	2	0.01	0.001	1	
128120	Soil	0.6	21.0	7.1	69	<0.1	22.5	11.3	785	3.20	6.5	0.9	1.2	66	0.2	0.4	<0.1	74	0.62	0.106	9
128121	Soil	0.4	11.7	5.5	66	<0.1	21.2	8.9	389	3.04	5.0	1.0	1.4	41	0.1	0.4	<0.1	75	0.34	0.100	8
128122	Soil	0.5	9.9	5.5	60	<0.1	19.7	8.3	415	2.72	3.3	1.2	1.0	39	0.2	0.3	<0.1	67	0.30	0.125	6
128123	Soil	1.0	25.3	6.8	125	0.2	32.0	14.2	2048	3.08	3.6	1.9	0.8	59	0.6	0.3	<0.1	71	0.54	0.160	9
128124	Soil	0.6	11.6	7.1	151	0.2	17.2	8.3	1000	2.76	3.2	0.9	0.8	37	0.6	0.3	<0.1	63	0.35	0.241	7
128125	Soil	0.7	14.5	6.8	120	0.3	21.3	10.5	740	2.99	4.4	2.9	1.0	58	0.5	0.3	0.1	66	0.54	0.143	8
128126	Soil	0.8	15.2	6.9	129	0.2	17.6	10.0	685	2.97	3.9	4.5	0.9	45	0.4	0.3	<0.1	67	0.47	0.182	8
128127	Soil	0.5	15.7	6.2	96	0.2	18.9	7.9	564	2.49	3.6	<0.5	0.7	53	0.4	0.3	<0.1	58	0.48	0.096	10
128128	Soil	1.1	24.7	8.0	217	0.1	50.5	23.3	1608	4.61	2.4	1.4	2.8	111	0.4	<0.1	<0.1	84	0.92	0.345	13
128129	Soil	0.8	26.4	6.8	109	0.1	59.3	22.1	1144	4.43	2.2	1.1	2.4	156	0.3	0.1	<0.1	94	1.32	0.192	18
128130	Soil	0.9	28.8	7.5	79	<0.1	63.4	22.7	862	4.38	3.3	0.7	2.7	80	0.2	0.1	<0.1	76	0.97	0.195	21
128131	Soil	0.7	20.5	6.7	84	<0.1	61.6	23.6	884	4.49	1.1	2.2	2.2	140	<0.1	<0.1	0.1	88	1.11	0.168	8
128132	Soil	0.6	24.2	5.6	100	<0.1	61.8	24.7	642	4.10	1.2	1.8	1.8	234	0.2	<0.1	<0.1	94	1.35	0.130	18
128133	Soil	1.3	24.5	7.5	110	<0.1	42.0	16.0	850	4.18	4.8	1.3	2.8	161	0.3	0.1	0.1	87	0.95	0.164	19
128134	Soil	2.6	24.5	9.5	172	0.1	35.9	16.4	1234	3.63	5.4	0.9	2.8	162	0.5	0.2	0.2	69	0.84	0.194	15
128135	Soil	1.7	23.7	7.1	211	<0.1	64.8	25.5	1337	5.71	1.6	1.7	2.3	139	0.4	<0.1	<0.1	100	0.74	0.264	12
128136	Soil	1.6	23.9	6.8	64	0.1	42.8	19.4	1230	2.82	2.6	3.2	1.7	225	0.2	<0.1	<0.1	55	1.69	0.179	43
128137	Soil	0.9	35.7	8.5	204	0.2	52.4	17.6	1685	3.09	1.7	1.5	2.4	385	0.7	<0.1	<0.1	65	1.21	0.175	55
128138	Soil	1.9	29.4	6.2	89	<0.1	35.6	16.5	423	4.48	2.8	0.8	2.7	106	<0.1	<0.1	<0.1	110	0.65	0.150	12
128139	Soil	0.3	20.9	6.0	93	<0.1	72.9	28.2	1220	6.70	1.4	1.9	2.8	136	0.2	<0.1	<0.1	120	0.85	0.081	20
128140	Soil	0.4	23.5	6.2	95	<0.1	82.0	29.2	1333	6.38	1.7	<0.5	2.7	120	<0.1	<0.1	<0.1	114	0.77	0.093	17



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 13, 2011

Page: 8 of 8 Part 2

CERTIFICATE OF ANALYSIS

VAN11006376.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	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	
128120	Soil	27	0.55	282	0.090	<1	1.55	0.022	0.14	<0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
128121	Soil	26	0.45	203	0.106	<1	1.60	0.017	0.12	<0.1	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
128122	Soil	23	0.38	192	0.091	<1	1.56	0.017	0.08	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
128123	Soil	23	0.51	350	0.108	1	1.66	0.031	0.13	<0.1	0.03	3.8	<0.1	<0.05	5	1.0	<0.2
128124	Soil	22	0.35	301	0.077	2	1.57	0.012	0.12	<0.1	0.04	3.2	<0.1	<0.05	6	0.5	<0.2
128125	Soil	24	0.50	278	0.085	2	1.67	0.016	0.14	<0.1	0.05	4.0	<0.1	<0.05	5	<0.5	<0.2
128126	Soil	24	0.39	229	0.078	<1	1.65	0.013	0.12	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
128127	Soil	20	0.40	223	0.069	1	1.32	0.015	0.09	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
128128	Soil	33	0.92	560	0.244	2	3.24	0.025	0.33	<0.1	0.02	7.3	<0.1	<0.05	9	0.6	<0.2
128129	Soil	51	1.75	1185	0.131	1	3.84	0.031	0.54	<0.1	0.01	10.8	0.1	<0.05	9	0.8	<0.2
128130	Soil	39	0.92	146	0.033	<1	2.75	0.036	0.32	<0.1	<0.01	10.5	0.1	<0.05	5	0.5	<0.2
128131	Soil	49	1.80	818	0.137	2	4.10	0.023	0.33	<0.1	0.02	9.4	<0.1	<0.05	10	<0.5	<0.2
128132	Soil	47	1.96	2947	0.155	5	3.87	0.023	0.66	<0.1	0.05	11.4	<0.1	<0.05	9	<0.5	<0.2
128133	Soil	30	1.14	755	0.215	<1	2.96	0.023	0.34	<0.1	0.03	7.7	<0.1	<0.05	8	<0.5	<0.2
128134	Soil	30	0.80	378	0.098	3	2.52	0.016	0.32	<0.1	0.03	7.2	0.2	<0.05	6	<0.5	<0.2
128135	Soil	26	1.16	817	0.349	2	3.81	0.024	0.36	<0.1	0.03	7.7	0.1	<0.05	10	<0.5	<0.2
128136	Soil	28	1.16	966	0.031	4	2.15	0.020	0.18	<0.1	0.04	8.0	<0.1	<0.05	5	<0.5	<0.2
128137	Soil	21	1.07	394	0.119	6	2.48	0.028	0.50	<0.1	0.03	7.1	0.2	<0.05	6	<0.5	<0.2
128138	Soil	17	1.00	667	0.339	<1	3.16	0.021	0.26	<0.1	0.04	5.0	<0.1	<0.05	8	<0.5	<0.2
128139	Soil	20	1.38	1050	0.509	2	4.27	0.031	0.68	<0.1	0.02	10.1	0.1	<0.05	12	0.5	<0.2
128140	Soil	21	1.39	947	0.469	<1	3.83	0.030	0.46	<0.1	0.02	9.3	0.1	<0.05	11	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 13, 2011

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN11006376.1

Method	Analyte	Unit	MDL	1DX15 Mo ppm	1DX15 Cu ppm	1DX15 Pb ppm	1DX15 Zn ppm	1DX15 Ag ppm	1DX15 Ni ppm	1DX15 Co ppm	1DX15 Mn ppm	1DX15 Fe %	1DX15 As ppm	1DX15 Au ppb	1DX15 Th ppm	1DX15 Sr ppm	1DX15 Cd ppm	1DX15 Sb ppm	1DX15 Bi ppm	1DX15 V ppm	1DX15 Ca %	1DX15 P %	1DX15 La ppm
Pulp Duplicates																							
1147948	Soil			0.5	14.4	7.2	130	0.2	24.8	8.6	760	2.48	5.8	<0.5	1.1	34	0.4	0.3	0.2	48	0.29	0.143	7
REP 1147948	QC			0.5	14.4	7.2	131	0.2	25.0	9.1	783	2.55	5.8	5.1	1.1	34	0.4	0.3	0.2	49	0.31	0.144	7
1147974	Soil			0.6	20.4	8.6	94	<0.1	29.9	13.6	729	3.18	10.2	1.4	1.9	63	0.2	0.6	0.1	78	0.59	0.105	13
REP 1147974	QC			0.6	20.0	8.7	91	<0.1	28.8	13.2	747	3.17	9.8	1.5	1.9	63	0.2	0.6	0.1	78	0.58	0.105	13
1147985	Soil			0.5	11.2	6.3	121	0.2	19.4	8.5	778	2.66	5.6	0.5	0.8	31	0.4	0.3	<0.1	50	0.30	0.098	6
REP 1147985	QC			0.4	11.4	6.1	122	0.2	18.8	8.8	774	2.65	5.7	0.8	0.8	30	0.4	0.3	<0.1	51	0.30	0.096	6
128009	Soil			0.3	10.7	7.6	134	0.1	16.2	7.8	452	2.89	10.6	<0.5	0.8	28	0.4	0.4	<0.1	60	0.31	0.115	5
REP 128009	QC			0.3	10.6	7.3	131	0.1	16.0	7.9	450	2.85	10.7	0.9	0.7	27	0.3	0.3	<0.1	59	0.31	0.110	5
128024	Soil			0.4	9.0	7.9	58	<0.1	10.9	6.1	447	2.00	4.9	1.1	0.5	22	<0.1	0.3	<0.1	46	0.24	0.023	5
REP 128024	QC			0.4	9.3	7.8	58	0.1	11.2	6.2	460	2.05	4.9	0.8	0.4	22	<0.1	0.3	<0.1	47	0.25	0.023	5
128044	Soil			0.6	21.5	8.7	79	0.1	19.8	10.1	854	3.01	8.1	2.5	1.4	37	0.2	0.5	0.1	66	0.36	0.076	12
REP 128044	QC			0.5	21.4	8.6	79	0.1	20.5	10.1	873	3.05	7.8	1.9	1.4	36	0.2	0.4	0.1	65	0.38	0.075	11
128054	Soil			0.5	26.9	9.7	94	0.2	25.8	14.2	914	3.87	12.5	2.7	1.3	48	0.2	0.7	0.1	86	0.63	0.090	13
REP 128054	QC			0.5	28.5	9.6	99	0.2	27.5	15.2	983	4.17	13.0	1.3	1.4	50	0.2	0.7	0.1	90	0.66	0.095	13
128075	Soil			0.3	8.9	5.1	58	<0.1	13.0	5.7	294	2.09	2.8	0.7	1.1	25	<0.1	0.2	<0.1	51	0.25	0.060	7
REP 128075	QC			0.3	8.9	5.1	55	<0.1	12.5	5.5	280	2.02	2.9	1.2	1.1	25	<0.1	0.2	<0.1	48	0.24	0.064	7
128108	Soil			0.3	9.2	5.0	66	<0.1	11.2	5.3	521	1.93	2.5	1.1	0.8	29	<0.1	0.3	<0.1	44	0.26	0.069	8
REP 128108	QC			0.4	9.7	5.2	69	<0.1	11.8	5.3	560	2.00	2.6	0.8	0.8	30	0.2	0.3	<0.1	47	0.28	0.075	9
128126	Soil			0.8	15.2	6.9	129	0.2	17.6	10.0	685	2.97	3.9	4.5	0.9	45	0.4	0.3	<0.1	67	0.47	0.182	8
REP 128126	QC			0.7	15.1	6.9	126	0.2	18.1	10.1	677	3.00	3.7	0.5	0.9	46	0.4	0.3	<0.1	67	0.46	0.183	8
Reference Materials																							
STD DS8	Standard			12.8	105.9	124.6	293	1.7	36.8	7.0	593	2.38	24.7	113.0	6.8	72	2.1	5.5	6.2	41	0.66	0.074	15
STD DS8	Standard			14.1	108.5	125.1	309	1.8	39.4	7.9	605	2.47	27.1	110.2	6.8	68	2.2	5.4	6.5	45	0.72	0.078	16
STD DS8	Standard			14.2	107.7	125.2	311	1.8	39.1	7.8	628	2.46	25.9	118.8	6.7	64	2.2	5.2	6.0	45	0.71	0.080	16
STD DS8	Standard			13.4	115.1	121.4	317	1.7	39.7	7.6	613	2.49	25.9	104.9	6.5	63	2.5	5.3	6.3	44	0.68	0.078	15
STD DS8	Standard			13.1	105.0	114.5	306	1.8	36.7	7.2	606	2.46	26.3	95.0	6.5	65	2.3	5.3	6.3	42	0.69	0.079	15
STD DS8	Standard			12.9	110.5	121.1	310	1.8	38.2	7.5	615	2.46	26.3	114.7	6.9	69	2.3	5.4	6.6	42	0.69	0.081	16
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 13, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006376.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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	
MDL	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																	
1147948	Soil	22	0.46	236	0.058	2	1.60	0.012	0.14	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1147948	QC	22	0.46	244	0.056	2	1.51	0.011	0.15	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1147974	Soil	32	0.55	190	0.089	3	0.99	0.025	0.10	<0.1	0.03	3.9	<0.1	0.08	4	<0.5	<0.2
REP 1147974	QC	32	0.57	186	0.086	3	1.05	0.025	0.10	<0.1	0.04	4.1	<0.1	0.07	4	<0.5	<0.2
1147985	Soil	20	0.42	210	0.048	3	1.36	0.009	0.10	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
REP 1147985	QC	21	0.40	206	0.050	3	1.33	0.010	0.10	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128009	Soil	20	0.43	178	0.042	3	1.35	0.008	0.09	<0.1	0.02	3.4	<0.1	<0.05	5	0.5	<0.2
REP 128009	QC	20	0.41	169	0.042	3	1.31	0.008	0.09	<0.1	0.02	3.5	<0.1	<0.05	5	0.5	<0.2
128024	Soil	15	0.36	83	0.042	2	0.99	0.008	0.05	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 128024	QC	15	0.35	84	0.042	<1	1.00	0.008	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
128044	Soil	23	0.51	217	0.065	1	1.45	0.015	0.07	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
REP 128044	QC	23	0.49	216	0.061	1	1.39	0.015	0.06	<0.1	0.06	5.0	<0.1	<0.05	5	<0.5	<0.2
128054	Soil	27	0.71	261	0.048	2	1.53	0.023	0.06	<0.1	0.07	6.3	<0.1	0.06	4	<0.5	<0.2
REP 128054	QC	29	0.75	274	0.052	3	1.62	0.026	0.06	<0.1	0.08	6.6	<0.1	0.07	5	<0.5	<0.2
128075	Soil	18	0.35	161	0.058	<1	1.10	0.012	0.04	<0.1	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 128075	QC	16	0.35	156	0.053	<1	1.03	0.016	0.04	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
128108	Soil	15	0.32	220	0.063	<1	0.98	0.013	0.05	<0.1	0.02	2.8	<0.1	<0.05	3	0.5	<0.2
REP 128108	QC	16	0.32	230	0.067	<1	1.04	0.013	0.06	<0.1	0.03	3.0	<0.1	<0.05	3	<0.5	<0.2
128126	Soil	24	0.39	229	0.078	<1	1.65	0.013	0.12	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
REP 128126	QC	23	0.39	234	0.077	1	1.59	0.013	0.12	<0.1	0.02	3.5	<0.1	<0.05	6	0.7	<0.2
Reference Materials																	
STD DS8	Standard	115	0.59	263	0.126	2	0.90	0.093	0.38	2.8	0.16	2.4	5.2	0.15	4	5.1	4.3
STD DS8	Standard	126	0.63	289	0.118	3	0.97	0.105	0.43	3.0	0.19	2.3	5.3	0.16	5	5.1	5.0
STD DS8	Standard	123	0.62	284	0.115	3	0.91	0.088	0.39	3.0	0.18	2.0	5.3	0.23	5	4.5	5.0
STD DS8	Standard	123	0.62	276	0.115	3	0.91	0.087	0.38	3.1	0.19	2.0	5.2	0.16	5	5.7	5.0
STD DS8	Standard	115	0.59	278	0.107	4	0.88	0.085	0.40	2.9	0.19	2.2	5.4	0.15	5	5.5	5.4
STD DS8	Standard	116	0.62	281	0.116	2	0.93	0.086	0.40	3.1	0.22	2.2	5.5	0.17	5	5.6	4.8
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 13, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN11006376.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
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	<1
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	<1
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	<1
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	<1
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	<1



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 13, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006376.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Submitted By: Eric Titley
Receiving Lab: Canada-Vancouver
Received: November 21, 2011
Report Date: December 12, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS

VAN11006377.1

CLIENT JOB INFORMATION

Project: BUCK
Shipment ID:
P.O. Number
Number of Samples: 216

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8
Canada

CC: Mark Rebagliati
Lena Brommeland
hddata

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include methods like Dry at 60C, SS80, RJSV, and 1DX2.

ADDITIONAL COMMENTS



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.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 2 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
128141	Soil			0.6	12.5	6.4	83	0.1	14.5	6.9	385	2.79	4.2	1.4	0.9	26	0.1	0.4	0.1	60	0.25	0.068	7
128142	Soil			0.5	17.8	5.9	81	<0.1	16.9	6.6	393	2.81	4.5	2.5	0.9	30	0.2	0.3	0.1	55	0.30	0.056	12
128143	Soil			0.4	12.4	6.2	79	<0.1	13.3	7.2	389	2.83	4.0	1.9	1.0	28	0.2	0.4	<0.1	60	0.25	0.044	8
128144	Soil			0.6	16.8	6.0	92	0.3	14.0	7.1	1222	2.47	3.6	1.5	0.3	36	0.3	0.3	<0.1	50	0.29	0.096	10
128145	Soil			0.7	29.0	6.9	132	0.3	25.5	9.6	1665	3.36	4.6	1.4	1.3	46	0.3	0.4	0.1	58	0.36	0.085	16
128146	Soil			0.5	11.6	5.8	57	0.1	14.5	7.0	317	2.84	5.2	3.7	1.0	20	<0.1	0.4	<0.1	58	0.19	0.060	6
128147	Soil			0.8	9.0	7.6	112	<0.1	12.8	8.3	538	3.48	6.5	0.7	0.7	20	0.3	0.5	0.1	75	0.21	0.108	5
128148	Soil			0.9	15.0	7.3	81	0.1	13.1	9.9	440	3.14	4.5	37.6	0.9	31	0.1	0.3	<0.1	63	0.25	0.067	7
128149	Soil			0.6	10.8	6.6	130	0.2	15.9	8.6	468	3.41	6.9	1.4	1.1	23	0.1	0.5	0.2	70	0.23	0.159	6
128150	Soil			0.6	13.7	7.5	84	0.1	17.3	9.7	559	3.23	7.0	5.5	1.1	31	<0.1	0.5	<0.1	66	0.26	0.046	7
128151	Soil			0.4	43.2	7.7	117	0.6	23.1	9.2	1115	3.54	4.9	2.6	1.4	71	1.0	0.4	0.2	65	0.59	0.032	10
128152	Soil			0.7	20.9	8.4	101	0.3	17.5	8.6	961	3.15	5.9	1.6	1.2	65	0.4	0.4	<0.1	63	0.61	0.046	11
128153	Soil			2.0	139.8	3.6	36	1.0	37.2	5.2	1240	1.33	5.7	4.0	0.3	276	1.4	0.8	<0.1	24	3.18	0.187	45
128154	Soil			0.5	10.5	6.1	45	<0.1	15.5	6.7	343	2.67	4.8	1.9	1.3	43	<0.1	0.3	<0.1	60	0.47	0.035	9
128155	Soil			0.5	26.9	5.5	76	0.3	16.0	5.9	613	2.12	2.9	<0.5	0.7	73	1.0	0.3	0.1	47	0.90	0.033	11
128156	Soil			0.6	23.7	5.5	51	0.1	15.9	6.5	390	2.21	3.8	0.7	0.5	92	0.5	0.3	0.1	50	1.08	0.041	7
128157	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128158	Soil			1.0	39.4	2.4	41	0.4	21.3	4.5	781	1.23	3.1	2.0	0.3	213	0.7	0.8	<0.1	21	3.17	0.157	14
128159	Soil			0.4	12.6	6.4	110	<0.1	16.1	8.1	662	2.98	4.4	<0.5	1.0	31	0.3	0.3	<0.1	60	0.33	0.105	8
128160	Soil			0.5	11.2	7.4	93	0.1	12.3	7.9	585	2.83	3.0	0.8	0.9	35	0.2	0.3	<0.1	62	0.34	0.087	6
128161	Soil			0.7	26.0	9.6	78	<0.1	23.5	11.5	861	3.68	9.6	1.6	2.0	47	0.2	0.5	<0.1	75	0.50	0.084	13
128162	Soil			0.6	12.4	6.0	93	<0.1	16.6	7.9	327	3.00	5.1	<0.5	1.1	25	0.1	0.4	<0.1	62	0.27	0.105	7
128163	Soil			0.7	34.1	8.6	125	0.2	21.5	11.6	939	3.77	8.2	10.6	1.6	51	0.7	0.4	<0.1	72	0.51	0.136	12
128164	Soil			0.7	8.7	5.9	61	<0.1	13.9	6.8	338	2.48	4.5	0.6	0.9	27	<0.1	0.3	<0.1	62	0.27	0.043	6
128165	Soil			0.6	12.5	6.0	45	<0.1	14.5	6.1	450	2.60	4.7	0.8	1.3	38	<0.1	0.3	<0.1	55	0.40	0.046	8
128166	Soil			0.6	10.3	5.4	80	<0.1	12.2	5.7	446	2.52	3.3	0.5	1.2	29	<0.1	0.3	<0.1	54	0.28	0.063	7
128167	Soil			0.4	23.3	6.1	69	0.2	20.3	6.2	419	2.63	4.2	1.8	1.5	53	0.1	0.3	0.1	52	0.47	0.050	12
128168	Soil			0.3	11.6	5.9	46	<0.1	15.1	5.8	311	2.32	4.0	1.8	1.5	40	<0.1	0.3	<0.1	52	0.35	0.055	9
128169	Soil			0.6	13.3	5.8	51	<0.1	15.1	7.7	323	2.89	6.5	1.5	1.4	28	<0.1	0.4	<0.1	62	0.28	0.060	8
128170	Soil			0.6	19.2	6.7	51	<0.1	17.0	8.1	349	3.28	7.1	<0.5	1.7	38	<0.1	0.7	<0.1	68	0.32	0.061	10

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W. Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 2 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
128141	Soil	19	0.41	175	0.066	<1	1.31	0.017	0.04	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
128142	Soil	19	0.44	224	0.052	<1	1.37	0.017	0.05	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
128143	Soil	18	0.45	251	0.063	3	1.22	0.015	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128144	Soil	17	0.32	309	0.034	2	1.40	0.013	0.05	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
128145	Soil	26	0.57	454	0.035	<1	2.41	0.014	0.09	<0.1	0.03	6.7	<0.1	<0.05	7	<0.5	<0.2
128146	Soil	19	0.39	142	0.073	1	1.32	0.014	0.05	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
128147	Soil	21	0.37	201	0.058	2	1.32	0.010	0.06	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
128148	Soil	20	0.41	173	0.058	2	1.36	0.014	0.06	<0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
128149	Soil	21	0.44	266	0.059	2	1.66	0.013	0.07	<0.1	0.02	3.2	<0.1	<0.05	5	0.7	<0.2
128150	Soil	23	0.56	460	0.070	2	1.58	0.020	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
128151	Soil	27	0.75	413	0.049	3	2.10	0.022	0.09	<0.1	0.04	7.8	<0.1	<0.05	6	<0.5	<0.2
128152	Soil	22	0.62	363	0.057	3	1.61	0.020	0.08	<0.1	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
128153	Soil	18	0.81	430	0.011	15	0.83	0.024	0.04	0.3	0.26	3.5	0.2	0.20	2	2.0	<0.2
128154	Soil	21	0.46	180	0.058	2	1.14	0.023	0.04	<0.1	0.02	4.7	<0.1	<0.05	3	<0.5	<0.2
128155	Soil	17	0.45	292	0.038	2	1.10	0.016	0.03	<0.1	0.04	3.9	<0.1	<0.05	3	<0.5	<0.2
128156	Soil	18	0.47	231	0.051	2	0.99	0.018	0.04	<0.1	0.03	3.9	<0.1	<0.05	3	<0.5	<0.2
128157	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128158	Soil	12	0.58	458	0.008	6	1.10	0.017	0.05	<0.1	0.16	2.0	<0.1	0.22	2	0.7	<0.2
128159	Soil	21	0.47	214	0.078	2	1.41	0.022	0.06	<0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
128160	Soil	20	0.39	194	0.086	<1	1.42	0.018	0.07	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
128161	Soil	26	0.66	236	0.079	1	1.64	0.032	0.08	<0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2
128162	Soil	21	0.43	199	0.068	1	1.56	0.020	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
128163	Soil	25	0.54	185	0.058	1	1.25	0.024	0.09	<0.1	0.03	6.0	<0.1	<0.05	4	<0.5	<0.2
128164	Soil	20	0.33	197	0.060	2	1.31	0.013	0.04	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
128165	Soil	21	0.43	201	0.070	1	1.27	0.027	0.05	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
128166	Soil	19	0.34	176	0.073	<1	1.20	0.020	0.06	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
128167	Soil	24	0.48	198	0.074	3	1.56	0.027	0.08	<0.1	0.02	5.0	<0.1	<0.05	4	<0.5	<0.2
128168	Soil	20	0.45	150	0.089	<1	1.18	0.023	0.06	<0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2
128169	Soil	19	0.42	144	0.072	<1	1.18	0.024	0.06	<0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2
128170	Soil	24	0.46	163	0.096	1	1.19	0.025	0.06	<0.1	0.02	4.3	<0.1	<0.05	4	0.7	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 3 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				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	2	0.01	0.001	1	
128171	Soil			0.7	15.9	7.0	63	<0.1	17.4	8.8	661	3.13	7.0	2.7	1.6	31	<0.1	0.5	<0.1	66	0.33	0.087	11
128172	Soil			0.3	68.5	9.8	73	0.2	32.3	9.7	316	4.24	7.5	2.4	2.9	69	<0.1	0.6	0.1	119	0.81	0.067	23
128173	Soil			0.8	11.9	6.6	49	<0.1	13.3	7.2	257	2.50	3.6	1.3	1.1	37	<0.1	0.4	<0.1	58	0.39	0.025	9
128174	Soil			0.7	11.4	5.1	69	<0.1	11.3	5.4	245	2.32	3.4	1.0	0.9	35	0.2	0.3	<0.1	52	0.38	0.080	6
128175	Soil			0.6	18.4	7.7	65	0.1	20.2	11.6	883	3.18	4.9	1.8	1.7	62	0.2	0.4	<0.1	73	0.51	0.055	10
128176	Soil			0.6	10.9	6.5	171	0.1	16.7	8.5	967	2.98	3.3	4.4	1.0	49	0.5	0.3	<0.1	58	0.45	0.184	7
128177	Soil			0.4	43.5	7.4	93	0.5	40.6	12.3	734	3.56	6.2	1.3	1.5	106	0.3	0.3	0.1	76	1.03	0.091	23
128178	Soil			0.9	27.2	7.4	91	0.1	36.6	15.0	862	3.46	5.5	1.6	1.6	135	0.4	0.3	<0.1	83	1.02	0.135	18
128179	Soil			1.2	26.9	6.1	88	0.1	31.8	13.9	1047	2.60	4.2	0.6	0.7	133	0.4	0.2	<0.1	63	1.41	0.102	14
128180	Soil			0.6	17.2	7.0	131	0.3	16.2	11.2	735	3.04	5.4	<0.5	0.6	44	0.5	0.3	<0.1	68	0.49	0.180	7
128181	Soil			0.5	9.9	5.3	61	0.1	16.3	7.5	321	2.54	3.7	<0.5	0.7	37	0.1	0.3	<0.1	59	0.33	0.095	5
128182	Soil			0.4	14.0	5.0	103	0.2	16.4	7.5	663	2.36	2.9	2.4	1.1	37	0.3	0.2	<0.1	53	0.35	0.070	10
128183	Soil			0.5	12.4	5.9	83	0.1	15.1	8.3	591	2.58	3.9	0.9	0.9	42	0.2	0.3	<0.1	62	0.43	0.072	8
128184	Soil			0.4	10.7	5.8	86	0.2	19.6	8.5	535	2.78	5.7	<0.5	1.1	37	0.2	0.3	<0.1	61	0.31	0.155	7
128185	Soil			0.7	21.3	6.3	128	0.3	22.2	10.8	1258	2.91	5.7	<0.5	1.1	74	0.5	0.3	<0.1	67	0.56	0.092	8
128186	Soil			0.5	11.7	5.3	64	0.1	17.7	8.3	438	2.56	4.3	<0.5	1.0	45	0.1	0.3	<0.1	58	0.45	0.096	9
128187	Soil			0.5	9.1	6.5	112	0.3	14.9	6.5	379	2.24	1.8	0.6	0.9	26	0.2	0.2	<0.1	47	0.24	0.168	6
128188	Soil			0.5	12.2	6.1	64	<0.1	17.5	7.9	332	2.48	3.7	<0.5	1.1	46	<0.1	0.3	<0.1	58	0.30	0.065	8
128189	Soil			0.5	12.0	5.3	96	0.1	18.6	7.7	398	2.51	3.7	<0.5	1.3	37	0.1	0.3	<0.1	59	0.30	0.111	9
128190	Soil			0.6	12.6	6.0	73	<0.1	18.5	9.2	341	2.68	5.5	1.4	1.3	50	0.1	0.4	<0.1	66	0.36	0.098	7
128191	Soil			0.5	17.5	5.9	98	0.2	22.1	8.2	731	2.69	4.1	<0.5	1.3	55	0.2	0.3	0.1	58	0.44	0.065	9
128192	Soil			0.8	18.3	6.9	77	0.1	21.4	9.4	661	2.82	6.6	<0.5	1.4	63	0.2	0.4	<0.1	65	0.51	0.119	13
128193	Soil			0.5	15.7	5.3	51	<0.1	21.9	8.7	382	2.98	7.2	<0.5	1.6	41	<0.1	0.5	<0.1	71	0.31	0.076	10
128194	Soil			0.5	10.8	5.8	88	0.1	17.5	7.0	367	2.48	4.0	<0.5	0.8	35	<0.1	0.3	<0.1	56	0.30	0.112	6
128195	Soil			0.6	11.9	8.5	114	0.2	20.6	10.4	814	3.19	5.2	<0.5	1.3	38	0.2	0.3	0.1	74	0.30	0.120	8
128196	Soil			0.5	18.2	6.4	62	0.1	22.9	9.0	574	2.85	5.7	1.0	1.4	68	0.1	0.4	<0.1	68	0.56	0.086	12
128197	Soil			1.1	24.9	10.2	170	0.3	24.2	17.0	1518	3.33	1.6	0.7	1.0	83	0.9	0.2	0.1	75	0.75	0.345	7
128198	Soil			0.7	18.5	6.7	71	<0.1	37.8	14.0	810	3.34	5.3	<0.5	1.6	133	0.1	0.3	<0.1	88	0.80	0.131	15
128199	Soil			1.1	19.6	7.3	120	0.2	20.9	11.2	1029	2.85	3.3	<0.5	0.4	50	0.6	0.3	0.1	61	0.36	0.163	11
128200	Soil			0.4	13.4	5.4	62	<0.1	19.1	9.4	612	2.59	3.5	<0.5	1.1	55	0.2	0.3	<0.1	68	0.41	0.093	6

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 3 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
128171	Soil	21	0.50	160	0.070	<1	1.23	0.019	0.08	<0.1	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
128172	Soil	31	0.74	362	0.061	<1	2.55	0.026	0.06	<0.1	0.03	7.7	<0.1	<0.05	7	<0.5	<0.2
128173	Soil	19	0.40	161	0.075	<1	1.29	0.022	0.04	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128174	Soil	18	0.37	125	0.074	<1	1.03	0.018	0.07	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
128175	Soil	24	0.66	167	0.097	<1	1.51	0.037	0.09	<0.1	0.01	5.1	<0.1	<0.05	4	<0.5	<0.2
128176	Soil	21	0.45	271	0.069	<1	1.50	0.014	0.09	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
128177	Soil	33	0.89	437	0.053	<1	2.59	0.028	0.12	<0.1	0.08	9.0	<0.1	<0.05	6	0.8	<0.2
128178	Soil	32	1.08	304	0.123	5	2.38	0.053	0.32	<0.1	0.03	7.1	<0.1	<0.05	6	<0.5	<0.2
128179	Soil	23	0.77	233	0.084	5	1.63	0.033	0.19	<0.1	0.07	4.9	<0.1	0.09	4	0.6	<0.2
128180	Soil	24	0.45	236	0.046	1	1.63	0.012	0.11	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
128181	Soil	20	0.37	167	0.072	<1	1.46	0.016	0.07	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
128182	Soil	19	0.44	172	0.069	<1	1.41	0.019	0.08	<0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
128183	Soil	21	0.43	152	0.079	1	1.13	0.018	0.08	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
128184	Soil	22	0.32	200	0.069	1	1.80	0.017	0.08	<0.1	0.03	3.5	<0.1	<0.05	5	0.5	<0.2
128185	Soil	23	0.46	310	0.073	2	1.67	0.021	0.11	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
128186	Soil	20	0.39	187	0.068	1	1.31	0.015	0.09	<0.1	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
128187	Soil	19	0.28	228	0.061	<1	1.46	0.012	0.07	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
128188	Soil	21	0.40	189	0.089	1	1.29	0.019	0.06	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
128189	Soil	23	0.40	246	0.077	2	1.57	0.017	0.08	<0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
128190	Soil	23	0.44	195	0.079	<1	1.48	0.017	0.08	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
128191	Soil	24	0.53	198	0.075	2	1.74	0.019	0.09	<0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
128192	Soil	24	0.50	226	0.082	1	1.43	0.025	0.10	<0.1	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
128193	Soil	25	0.52	198	0.088	2	1.57	0.018	0.08	<0.1	0.02	4.6	<0.1	<0.05	4	<0.5	<0.2
128194	Soil	20	0.41	144	0.059	<1	1.52	0.016	0.06	<0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
128195	Soil	24	0.44	229	0.078	1	1.75	0.017	0.08	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
128196	Soil	26	0.59	238	0.085	2	1.49	0.026	0.09	<0.1	0.03	4.6	<0.1	<0.05	4	<0.5	<0.2
128197	Soil	38	0.49	363	0.160	4	1.92	0.023	0.25	<0.1	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
128198	Soil	35	1.05	238	0.144	1	1.88	0.114	0.18	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
128199	Soil	25	0.43	246	0.060	2	1.71	0.024	0.14	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
128200	Soil	27	0.45	233	0.109	2	1.43	0.026	0.09	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 4 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
128201	Soil			0.6	11.6	6.7	118	0.2	24.4	10.3	494	3.16	4.2	<0.5	1.2	43	0.3	0.3	0.1	71	0.41	0.166	7
128202	Soil			0.7	13.0	6.7	152	0.2	20.8	10.8	875	2.89	2.6	<0.5	1.0	47	0.4	0.3	0.1	58	0.49	0.226	7
128203	Soil			0.6	17.6	6.6	127	0.2	36.2	12.1	1142	3.09	4.1	3.8	1.1	48	0.4	0.3	0.1	70	0.44	0.209	10
128204	Soil			0.7	14.3	6.4	107	0.1	27.5	11.5	626	3.38	4.7	<0.5	1.5	50	0.3	0.3	<0.1	68	0.36	0.265	8
128205	Soil			0.7	26.0	6.9	92	<0.1	34.4	16.0	712	4.52	6.2	<0.5	3.2	69	0.2	0.3	<0.1	101	0.63	0.166	14
128206	Soil			0.9	17.3	7.9	67	<0.1	17.2	7.9	541	2.68	8.2	2.0	0.8	28	0.2	0.5	0.2	56	0.27	0.042	7
128207	Soil			1.3	42.0	9.8	73	0.2	21.2	9.2	765	2.92	10.5	3.0	0.6	38	0.4	0.4	0.3	56	0.37	0.051	12
128208	Soil			1.0	43.7	9.2	104	0.4	27.3	10.6	849	3.27	8.4	<0.5	0.7	36	0.5	0.5	0.3	58	0.35	0.068	12
128209	Soil			0.8	25.2	7.3	66	0.1	22.2	8.7	515	2.67	8.1	1.3	0.7	30	0.2	0.3	0.2	53	0.30	0.048	8
128210	Soil			1.0	19.4	8.3	79	<0.1	19.6	8.7	481	3.00	10.6	2.6	1.0	26	0.2	0.6	0.2	61	0.25	0.051	6
128211	Soil			0.8	20.3	6.5	70	0.1	17.5	7.2	492	2.43	5.9	7.2	0.6	25	0.2	0.4	0.2	49	0.23	0.042	8
128212	Soil			1.0	33.4	7.8	93	0.1	24.6	8.6	555	3.06	8.2	2.2	0.7	26	0.3	0.5	0.3	60	0.22	0.056	8
128213	Soil			1.2	32.0	8.1	101	0.2	22.6	9.9	753	3.09	8.3	15.5	0.5	28	0.3	0.4	0.4	62	0.23	0.055	9
128214	Soil			0.8	18.4	6.0	69	<0.1	19.0	7.5	480	2.69	8.5	18.9	0.7	26	0.2	0.4	0.2	55	0.22	0.037	7
128215	Soil			0.9	33.8	9.3	74	0.1	24.7	11.4	595	3.01	10.4	2.4	1.0	36	0.1	0.5	0.3	59	0.32	0.058	10
128216	Soil			1.1	49.6	12.0	129	0.1	34.8	14.8	933	4.07	15.1	3.8	1.0	35	0.2	0.5	0.4	74	0.31	0.044	11
128217	Soil			1.0	30.0	8.8	72	0.1	23.7	10.3	610	3.02	9.5	10.9	1.0	33	0.2	0.4	0.3	59	0.28	0.042	11
128218	Soil			1.2	34.4	8.9	85	0.2	25.6	10.5	746	3.23	11.2	2.5	0.7	28	0.3	0.5	0.3	63	0.24	0.052	10
128219	Soil			1.0	22.8	8.6	88	0.2	22.3	9.8	616	3.29	12.7	7.1	0.7	31	0.4	0.6	0.4	65	0.25	0.073	8
128220	Soil			1.5	61.0	11.9	105	0.4	34.9	14.6	1628	3.40	10.1	2.8	0.5	59	0.7	0.5	0.3	55	0.47	0.099	17
128221	Soil			1.1	42.9	9.9	110	0.3	31.9	12.5	977	3.37	9.2	18.9	0.6	42	0.5	0.5	0.3	61	0.32	0.078	12
128222	Soil			0.9	32.0	8.8	89	<0.1	24.9	11.6	867	3.47	14.2	4.3	1.0	40	0.2	0.7	0.2	71	0.40	0.059	9
128223	Soil			0.9	28.5	8.8	92	0.3	24.8	11.8	870	3.30	12.1	1.5	0.6	50	0.5	0.6	0.2	65	0.58	0.066	11
128224	Soil			1.0	33.3	9.0	90	0.2	29.1	12.2	766	3.29	11.0	2.2	0.9	53	0.4	0.6	0.2	62	0.60	0.079	9
128225	Soil			1.3	33.6	8.9	77	0.1	28.0	12.0	681	3.32	11.1	2.1	1.1	47	0.3	0.7	0.2	60	0.46	0.047	10
128226	Soil			1.0	26.3	8.0	74	0.1	25.4	9.6	561	3.09	7.7	4.8	0.8	33	<0.1	0.4	0.2	54	0.26	0.052	9
128227	Soil			1.2	29.6	7.6	86	<0.1	24.5	9.4	563	3.21	8.2	1.0	0.7	28	<0.1	0.4	0.2	58	0.23	0.052	8
128228	Soil			0.8	15.6	6.1	58	<0.1	18.1	6.6	336	2.53	6.2	<0.5	0.8	21	<0.1	0.4	0.2	52	0.17	0.027	6
128229	Soil			1.1	31.5	9.7	76	<0.1	24.8	11.4	692	3.26	10.5	2.0	1.1	42	0.2	0.6	0.2	59	0.35	0.068	9
128230	Soil			1.3	35.9	10.5	73	0.2	22.0	10.1	527	3.56	13.9	7.5	1.4	36	0.1	0.8	0.4	69	0.29	0.061	11

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 4 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	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	
128201	Soil	26	0.40	202	0.079	1	2.12	0.016	0.09	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
128202	Soil	23	0.40	261	0.069	2	1.91	0.013	0.16	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
128203	Soil	27	0.47	244	0.069	1	2.13	0.023	0.11	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
128204	Soil	27	0.47	266	0.074	1	2.24	0.017	0.12	<0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
128205	Soil	42	0.79	189	0.065	2	2.28	0.021	0.14	<0.1	0.03	7.8	<0.1	<0.05	6	<0.5	<0.2
128206	Soil	20	0.51	147	0.058	1	1.32	0.011	0.06	<0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
128207	Soil	22	0.55	243	0.034	1	1.74	0.015	0.07	<0.1	0.03	4.3	<0.1	<0.05	5	0.6	<0.2
128208	Soil	27	0.64	261	0.020	<1	2.29	0.013	0.11	<0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
128209	Soil	23	0.60	134	0.047	1	1.59	0.014	0.08	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
128210	Soil	22	0.53	142	0.054	1	1.55	0.013	0.05	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
128211	Soil	18	0.49	142	0.045	<1	1.41	0.013	0.06	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
128212	Soil	25	0.58	178	0.027	2	1.98	0.012	0.07	0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
128213	Soil	26	0.54	176	0.026	2	1.95	0.009	0.07	0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
128214	Soil	21	0.52	127	0.051	2	1.34	0.010	0.06	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
128215	Soil	27	0.61	181	0.044	2	1.69	0.012	0.08	<0.1	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
128216	Soil	37	0.82	232	0.037	2	2.46	0.013	0.13	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
128217	Soil	27	0.64	164	0.048	2	1.83	0.020	0.08	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
128218	Soil	25	0.58	184	0.038	1	1.84	0.014	0.07	<0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
128219	Soil	23	0.51	171	0.052	1	1.46	0.015	0.08	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
128220	Soil	27	0.66	303	0.009	<1	2.55	0.012	0.11	0.1	0.09	4.6	<0.1	<0.05	7	<0.5	<0.2
128221	Soil	30	0.68	216	0.021	2	2.24	0.010	0.11	0.1	0.04	4.4	<0.1	<0.05	7	<0.5	<0.2
128222	Soil	29	0.72	222	0.053	2	1.70	0.015	0.07	<0.1	0.06	5.7	<0.1	<0.05	5	<0.5	<0.2
128223	Soil	26	0.53	293	0.039	2	1.76	0.014	0.08	<0.1	0.05	4.8	<0.1	<0.05	6	<0.5	<0.2
128224	Soil	28	0.69	204	0.044	2	1.82	0.012	0.12	0.1	0.05	5.3	<0.1	0.06	5	<0.5	<0.2
128225	Soil	27	0.70	183	0.041	2	1.84	0.013	0.11	0.1	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
128226	Soil	26	0.66	134	0.033	1	1.84	0.010	0.08	<0.1	0.04	4.0	<0.1	<0.05	6	<0.5	<0.2
128227	Soil	26	0.63	137	0.037	1	1.89	0.010	0.08	0.1	0.04	4.0	<0.1	<0.05	6	<0.5	<0.2
128228	Soil	20	0.50	88	0.049	1	1.31	0.013	0.05	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
128229	Soil	26	0.69	135	0.058	2	1.70	0.026	0.09	<0.1	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
128230	Soil	25	0.56	170	0.060	1	1.45	0.013	0.07	<0.1	0.05	5.3	<0.1	<0.05	4	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 5 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
	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	1	
128231	Soil	1.0	20.1	8.1	73	0.1	18.8	6.6	260	2.41	7.5	3.8	1.0	22	<0.1	0.3	0.4	50	0.17	0.038	7
128232	Soil	1.0	41.4	9.4	93	0.4	27.5	9.8	463	3.01	7.0	3.2	1.1	31	0.1	0.3	0.3	56	0.26	0.072	9
128233	Soil	1.0	38.6	10.2	94	0.3	28.0	10.6	585	3.33	8.2	2.8	1.0	35	0.2	0.3	0.4	61	0.30	0.073	11
128234	Soil	0.8	15.3	6.3	68	<0.1	17.8	7.1	374	2.71	7.2	3.1	0.9	23	0.1	0.4	0.2	55	0.22	0.061	7
128235	Soil	0.8	24.3	8.4	81	0.2	21.1	10.2	607	2.81	5.8	5.4	1.0	33	0.2	0.3	0.3	55	0.28	0.067	9
128236	Soil	1.2	24.1	9.9	73	<0.1	22.5	9.6	559	3.15	11.0	2.7	1.2	29	<0.1	0.5	0.3	67	0.26	0.056	8
128237	Soil	0.8	10.1	7.3	64	0.1	10.5	6.6	347	2.07	2.7	0.6	0.8	20	0.2	0.3	0.2	49	0.16	0.025	7
128238	Soil	0.9	21.7	8.8	71	<0.1	20.1	10.1	653	2.72	5.3	6.1	0.9	25	0.1	0.4	0.2	55	0.21	0.032	7
128239	Soil	1.1	23.4	7.6	68	0.1	18.9	7.7	413	2.70	7.2	3.0	1.0	29	0.1	0.4	0.2	57	0.22	0.038	9
128240	Soil	0.9	20.5	8.0	66	<0.1	20.3	10.2	596	2.82	5.7	2.5	0.9	31	<0.1	0.4	0.2	57	0.22	0.044	8
128241	Soil	1.0	25.0	8.2	70	<0.1	20.6	12.0	721	2.82	6.3	2.0	0.8	34	0.1	0.3	0.2	58	0.25	0.038	9
128242	Soil	0.9	19.1	7.5	71	<0.1	21.6	11.9	633	2.85	6.0	1.1	1.0	25	<0.1	0.5	0.2	59	0.20	0.043	7
128243	Soil	1.1	23.9	7.7	76	<0.1	20.3	9.5	504	2.56	5.4	2.7	1.0	30	<0.1	0.3	0.2	52	0.23	0.046	8
128244	Soil	0.9	15.7	7.6	55	<0.1	15.9	6.9	341	2.25	4.9	1.2	1.0	21	<0.1	0.3	0.2	49	0.17	0.032	6
128245	Soil	0.9	20.4	6.7	76	<0.1	21.3	7.8	395	2.71	6.4	3.6	1.0	27	<0.1	0.4	0.2	55	0.24	0.055	8
128246	Soil	1.2	15.2	7.2	62	<0.1	18.1	7.3	334	2.54	6.0	2.2	1.0	22	<0.1	0.4	0.2	53	0.19	0.048	7
128247	Soil	0.9	11.3	7.2	70	0.2	12.5	7.0	242	2.46	5.1	1.3	0.8	14	0.1	0.5	0.2	57	0.12	0.051	6
128248	Soil	0.9	22.6	8.8	71	<0.1	20.7	9.3	583	2.85	8.1	1.5	1.1	35	0.2	0.6	0.2	56	0.31	0.064	8
128249	Soil	1.1	24.4	9.1	75	<0.1	20.4	9.9	621	2.93	9.4	2.3	0.9	30	0.3	0.5	0.3	58	0.30	0.065	9
128250	Soil	1.2	10.3	7.3	60	0.1	11.7	5.1	174	2.65	6.1	10.7	0.7	13	0.2	0.4	0.2	56	0.11	0.092	5
128251	Soil	0.9	53.2	10.2	130	0.6	39.8	15.6	1251	4.50	15.9	1.7	1.0	84	0.8	0.5	0.3	80	0.89	0.112	16
128252	Soil	0.5	23.5	7.1	86	0.1	20.6	9.1	705	2.71	6.5	1.2	0.9	37	0.3	0.4	0.2	57	0.34	0.059	11
128253	Soil	0.8	20.5	7.1	72	0.1	22.4	9.1	508	3.05	8.8	1.5	1.1	24	<0.1	0.6	0.2	61	0.26	0.046	7
128254	Soil	0.5	14.0	6.1	95	<0.1	16.2	7.2	392	2.63	5.6	9.9	0.8	15	0.1	0.4	0.2	60	0.17	0.029	7
128255	Soil	1.0	15.4	7.2	90	<0.1	15.2	7.8	629	2.65	6.2	6.4	0.8	18	<0.1	0.4	0.2	62	0.24	0.053	9
128256	Soil	0.7	31.9	7.6	101	0.2	24.8	10.7	912	3.15	8.9	2.2	0.8	27	0.2	0.4	0.2	64	0.26	0.095	10
128257	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128258	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128259	Soil	0.7	7.8	7.8	122	<0.1	10.1	8.0	1084	2.44	5.4	0.9	0.5	16	0.3	0.5	0.1	62	0.24	0.088	5
128260	Soil	1.2	15.9	15.7	233	0.2	15.2	10.7	698	3.84	9.1	1.1	0.5	22	1.3	1.0	0.3	89	0.23	0.142	5

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 5 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
128231	Soil	21	0.52	121	0.031	1	1.93	0.011	0.06	<0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
128232	Soil	29	0.68	212	0.019	2	2.62	0.016	0.13	<0.1	0.05	5.0	<0.1	<0.05	8	<0.5	<0.2
128233	Soil	30	0.72	198	0.027	2	2.52	0.014	0.13	<0.1	0.05	5.5	<0.1	<0.05	7	<0.5	<0.2
128234	Soil	20	0.49	106	0.058	1	1.35	0.009	0.06	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
128235	Soil	25	0.61	157	0.038	2	1.88	0.016	0.09	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
128236	Soil	24	0.60	140	0.067	2	1.80	0.012	0.08	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
128237	Soil	16	0.28	108	0.049	<1	1.23	0.010	0.05	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
128238	Soil	24	0.56	117	0.052	1	1.56	0.012	0.07	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
128239	Soil	24	0.53	139	0.043	1	1.64	0.014	0.07	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
128240	Soil	24	0.64	126	0.054	1	1.67	0.012	0.07	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
128241	Soil	25	0.60	155	0.030	1	1.87	0.010	0.06	<0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
128242	Soil	23	0.59	108	0.055	2	1.64	0.013	0.06	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
128243	Soil	23	0.51	147	0.042	1	1.76	0.016	0.06	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
128244	Soil	19	0.45	101	0.060	1	1.33	0.009	0.05	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
128245	Soil	22	0.59	139	0.050	1	1.67	0.019	0.06	<0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
128246	Soil	20	0.47	116	0.051	2	1.51	0.014	0.05	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
128247	Soil	17	0.32	108	0.035	1	1.48	0.010	0.04	<0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
128248	Soil	22	0.55	126	0.062	2	1.41	0.018	0.08	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
128249	Soil	22	0.57	140	0.046	2	1.36	0.013	0.07	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
128250	Soil	18	0.26	90	0.028	1	1.26	0.007	0.04	<0.1	0.03	2.0	<0.1	<0.05	5	<0.5	<0.2
128251	Soil	34	0.89	382	0.011	3	2.80	0.016	0.13	<0.1	0.09	7.7	<0.1	<0.05	7	<0.5	<0.2
128252	Soil	23	0.56	203	0.040	2	1.40	0.011	0.07	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
128253	Soil	24	0.56	138	0.045	1	1.50	0.011	0.07	<0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
128254	Soil	20	0.45	150	0.039	1	1.26	0.010	0.04	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
128255	Soil	21	0.39	164	0.032	1	1.35	0.010	0.04	<0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
128256	Soil	24	0.56	212	0.032	2	1.92	0.012	0.07	<0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
128257	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128258	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128259	Soil	17	0.23	259	0.029	1	1.14	0.007	0.07	<0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
128260	Soil	29	0.38	280	0.030	2	1.51	0.009	0.06	<0.1	0.03	2.8	<0.1	<0.05	8	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 6 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			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	2	0.01	0.001	1	
128261	Soil		0.6	23.0	6.4	81	<0.1	20.0	8.4	688	2.83	6.2	1.9	0.5	25	0.1	0.5	0.1	62	0.25	0.053	13
128262	Soil		0.7	9.4	9.5	87	<0.1	9.6	4.2	311	2.73	5.8	0.6	0.7	8	<0.1	0.3	0.2	63	0.11	0.158	6
128263	Soil		1.1	10.9	11.0	131	0.1	11.9	6.2	363	3.07	7.7	1.1	1.1	10	0.2	0.3	0.2	65	0.11	0.187	8
128264	Soil		0.6	17.4	7.3	92	0.1	19.3	9.7	602	2.94	8.3	1.3	0.6	26	0.2	0.6	0.2	64	0.32	0.064	7
128265	Soil		0.5	14.8	6.6	77	<0.1	16.4	7.7	642	2.72	7.6	1.4	0.6	26	0.1	0.5	0.1	65	0.31	0.076	8
128266	Soil		0.5	13.8	6.7	69	<0.1	16.3	8.1	430	2.86	7.6	<0.5	0.6	22	<0.1	0.5	<0.1	68	0.22	0.062	6
128267	Soil		0.5	16.2	6.2	77	0.1	19.9	8.0	483	2.84	7.5	1.0	0.8	23	<0.1	0.5	0.1	63	0.26	0.056	7
128268	Soil		0.7	21.1	7.0	99	0.3	19.9	9.1	1018	2.74	4.9	0.8	0.8	28	0.2	0.3	0.1	57	0.25	0.060	10
128269	Soil		0.7	12.3	6.2	95	0.1	16.7	6.9	343	2.60	6.6	5.5	0.6	17	0.2	0.5	0.2	58	0.20	0.053	5
128270	Soil		0.6	17.1	7.1	62	<0.1	19.4	8.2	397	2.79	7.9	1.5	1.0	19	<0.1	0.6	0.2	59	0.19	0.061	6
128271	Soil		0.7	17.9	7.5	72	<0.1	28.9	13.2	771	3.27	6.8	0.8	1.2	43	0.2	0.3	0.1	74	0.37	0.070	7
128272	Soil		0.7	16.0	6.0	91	<0.1	17.1	7.3	263	2.83	6.6	1.0	1.0	23	<0.1	0.3	0.1	61	0.18	0.070	6
128273	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128274	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128275	Soil		0.5	28.0	6.3	99	0.2	22.1	9.1	667	2.98	6.6	1.8	1.0	31	0.2	0.4	0.2	64	0.29	0.047	12
128276	Soil		0.3	13.5	5.5	71	<0.1	15.0	6.5	400	2.17	4.1	1.5	0.7	26	0.1	0.3	0.1	49	0.27	0.045	7
128277	Soil		0.6	12.3	5.8	100	<0.1	15.3	7.3	470	2.71	6.7	3.6	0.7	17	0.3	0.5	0.1	63	0.17	0.062	5
128278	Soil		0.4	15.5	5.5	71	<0.1	14.1	6.4	435	2.49	7.5	11.8	0.7	25	0.1	0.5	0.1	59	0.24	0.046	7
128279	Soil		0.6	15.5	6.3	74	<0.1	15.4	7.1	418	2.73	7.4	1.3	0.7	21	0.2	0.5	0.1	66	0.23	0.043	6
128280	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128281	Soil		0.4	13.5	5.1	69	<0.1	15.0	6.6	433	2.33	4.4	0.6	0.7	21	<0.1	0.4	<0.1	55	0.22	0.038	8
128282	Soil		0.4	15.3	5.3	76	<0.1	16.0	7.0	413	2.60	7.5	4.2	0.6	18	<0.1	0.5	0.1	61	0.19	0.039	7
128283	Soil		0.3	11.4	5.9	96	<0.1	13.9	7.1	393	2.41	6.0	0.8	0.8	18	0.1	0.4	<0.1	60	0.22	0.048	6
128284	Soil		0.5	15.8	7.0	100	<0.1	12.6	7.6	485	2.97	8.5	0.9	0.6	16	0.4	0.5	0.1	74	0.20	0.054	6
128285	Soil		0.4	14.1	6.0	118	0.2	13.9	8.0	682	2.70	6.1	0.7	0.6	16	0.2	0.4	0.1	60	0.16	0.069	7
128286	Soil		0.4	14.6	6.0	94	0.2	12.8	7.5	604	2.54	5.6	3.1	0.7	20	0.2	0.4	0.1	59	0.18	0.081	7
128287	Soil		0.6	18.2	6.3	125	0.2	22.1	10.1	680	3.26	9.1	1.5	0.8	29	0.2	0.6	0.1	75	0.28	0.104	7
128288	Soil		0.6	16.4	6.6	112	0.1	17.3	9.1	651	2.96	7.7	1.0	0.7	29	0.3	0.5	0.1	72	0.28	0.108	6
128289	Soil		0.7	13.9	9.1	130	0.2	12.6	9.7	732	3.12	5.2	0.6	0.9	24	0.3	0.5	0.2	72	0.21	0.173	6
128290	Soil		0.6	22.9	11.0	147	0.1	23.4	15.0	1074	3.81	14.2	1.4	1.5	38	0.4	0.8	0.2	90	0.40	0.127	10

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 6 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
MDL		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	
128261	Soil	24	0.53	275	0.031	1	1.42	0.010	0.06	<0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
128262	Soil	19	0.20	212	0.018	<1	1.58	0.006	0.05	<0.1	0.05	2.2	<0.1	<0.05	7	<0.5	<0.2
128263	Soil	21	0.25	290	0.014	<1	2.25	0.006	0.06	0.1	0.06	3.0	<0.1	<0.05	9	<0.5	<0.2
128264	Soil	22	0.48	172	0.043	2	1.26	0.011	0.06	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128265	Soil	20	0.42	197	0.037	2	1.13	0.008	0.09	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
128266	Soil	22	0.44	157	0.043	<1	1.22	0.009	0.04	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
128267	Soil	22	0.51	159	0.049	2	1.22	0.008	0.06	<0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
128268	Soil	23	0.44	239	0.024	1	1.61	0.010	0.07	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
128269	Soil	19	0.43	142	0.040	1	1.30	0.009	0.04	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
128270	Soil	22	0.50	99	0.051	<1	1.23	0.010	0.05	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
128271	Soil	28	0.65	239	0.050	1	2.09	0.018	0.06	<0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
128272	Soil	21	0.47	177	0.034	<1	1.90	0.014	0.06	<0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
128273	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128274	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128275	Soil	27	0.58	263	0.027	<1	1.76	0.011	0.06	<0.1	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
128276	Soil	20	0.49	186	0.034	<1	1.19	0.009	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
128277	Soil	22	0.43	179	0.037	1	1.17	0.008	0.04	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
128278	Soil	21	0.46	195	0.034	<1	1.12	0.008	0.04	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128279	Soil	22	0.45	181	0.039	<1	1.15	0.010	0.05	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128280	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128281	Soil	19	0.48	179	0.044	<1	1.25	0.009	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
128282	Soil	21	0.50	174	0.040	<1	1.28	0.009	0.04	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
128283	Soil	19	0.45	155	0.044	1	1.21	0.009	0.04	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
128284	Soil	20	0.40	162	0.033	<1	1.33	0.008	0.04	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
128285	Soil	19	0.39	166	0.039	<1	1.26	0.009	0.06	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
128286	Soil	18	0.37	174	0.042	1	1.11	0.009	0.05	<0.1	0.03	2.9	<0.1	0.06	5	<0.5	<0.2
128287	Soil	29	0.55	211	0.042	1	1.57	0.011	0.05	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
128288	Soil	24	0.45	229	0.045	1	1.38	0.010	0.07	<0.1	0.02	3.3	<0.1	0.06	5	<0.5	<0.2
128289	Soil	22	0.33	188	0.036	2	1.62	0.007	0.07	<0.1	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
128290	Soil	29	0.70	261	0.040	3	1.84	0.014	0.06	<0.1	0.02	6.2	<0.1	<0.05	6	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 7 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				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	2	0.01	0.001	1	
128291	Soil			0.7	51.0	8.9	114	0.5	33.9	11.8	1139	3.63	11.2	3.4	0.9	120	0.8	0.6	0.2	73	0.98	0.094	24
128292	Soil			0.6	40.1	9.0	159	0.7	24.2	12.0	1293	3.28	7.3	1.6	0.8	72	1.3	0.5	0.2	66	0.60	0.106	17
128293	Soil			0.5	17.6	6.9	79	0.2	17.0	8.4	709	2.91	6.8	1.1	0.9	52	0.2	0.5	0.2	67	0.43	0.057	11
128294	Soil			0.6	15.3	7.4	95	<0.1	17.9	9.4	619	3.03	8.6	1.6	0.9	43	0.3	0.6	0.2	67	0.37	0.099	7
128295	Soil			0.5	12.2	7.1	101	0.2	13.7	8.1	568	2.78	5.8	1.0	0.9	32	0.3	0.5	0.2	64	0.27	0.068	6
128296	Soil			0.6	11.9	7.7	100	<0.1	10.9	6.7	332	2.54	6.0	1.5	0.6	42	0.2	0.5	0.2	61	0.39	0.071	6
128297	Soil			0.5	12.4	5.9	71	<0.1	14.7	6.6	352	2.51	5.9	2.0	0.8	25	0.1	0.4	0.1	60	0.23	0.047	7
128298	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128299	Soil			0.7	15.7	8.7	96	0.2	14.1	9.0	535	3.12	10.0	1.4	0.7	54	0.3	0.7	0.2	76	0.59	0.067	6
128300	Soil			0.7	16.2	7.2	67	<0.1	16.7	8.7	584	2.96	9.2	1.6	1.1	38	<0.1	0.6	0.2	69	0.32	0.061	10
128301	Soil			0.5	13.5	6.4	82	<0.1	14.7	7.6	524	2.62	5.4	1.1	0.9	44	0.3	0.5	0.1	61	0.34	0.062	10
128302	Soil			0.4	13.9	6.7	95	0.1	12.2	6.9	422	2.62	4.2	3.1	0.9	31	0.1	0.4	0.1	61	0.26	0.050	9
128303	Soil			0.5	10.6	7.5	105	0.1	12.6	7.2	414	2.70	5.3	0.6	0.9	35	0.3	0.4	0.1	58	0.26	0.109	6
128304	Soil			0.6	12.4	7.3	132	<0.1	16.5	9.0	640	3.11	7.8	0.6	0.8	20	0.2	0.4	0.2	64	0.19	0.143	8
128305	Soil			0.6	12.1	6.8	66	0.1	14.7	7.1	358	2.70	6.6	1.7	0.8	30	<0.1	0.5	0.1	64	0.23	0.033	6
128306	Soil			0.6	14.2	7.6	72	<0.1	15.0	7.4	463	2.84	7.2	7.1	0.9	28	<0.1	0.6	0.2	63	0.23	0.045	6
128307	Soil			0.8	10.9	6.9	87	0.1	13.4	7.5	843	2.46	5.6	1.2	0.8	33	0.2	0.5	0.1	56	0.29	0.071	5
128308	Soil			0.8	12.6	7.1	81	0.1	12.7	6.4	383	2.54	6.0	7.3	0.8	22	0.2	0.5	0.2	56	0.23	0.070	6
128358	Soil			0.6	18.5	7.0	80	0.2	16.0	8.5	878	2.69	5.9	2.1	1.0	42	0.2	0.4	0.2	60	0.33	0.051	12
128359	Soil			0.5	13.7	6.7	80	<0.1	13.4	7.3	403	2.62	6.8	<0.5	1.0	29	0.2	0.4	0.1	60	0.28	0.080	8
128311	Soil			0.5	11.9	6.4	68	<0.1	12.7	7.2	425	2.59	7.2	1.1	0.8	51	0.2	0.5	0.1	61	0.43	0.059	5
128312	Soil			0.6	16.0	7.1	70	<0.1	17.0	8.3	396	2.98	9.2	1.0	1.0	39	0.1	0.5	0.1	67	0.29	0.051	6
128313	Soil			0.6	13.9	8.9	89	0.2	22.3	10.0	609	3.67	12.6	0.8	1.2	39	0.2	0.8	0.1	86	0.37	0.167	6
128314	Soil			0.9	11.4	7.8	125	0.2	13.6	7.9	482	2.92	5.7	<0.5	0.7	35	0.3	0.5	0.1	72	0.31	0.096	5
128315	Soil			0.7	10.9	8.9	133	0.1	12.5	7.6	344	2.82	5.8	3.2	1.0	28	0.3	0.5	0.1	62	0.22	0.101	6
128316	Soil			0.8	15.0	8.5	81	0.1	16.2	10.5	625	2.83	7.8	1.2	1.3	57	0.1	0.3	0.1	62	0.45	0.083	11
128317	Soil			0.6	13.8	8.0	156	<0.1	16.4	10.4	729	3.04	8.4	<0.5	1.3	33	0.3	0.5	0.1	67	0.29	0.164	8
128318	Soil			0.7	24.5	8.8	71	0.5	22.3	10.0	555	3.13	10.5	2.8	1.5	61	0.3	0.6	0.2	67	0.66	0.062	15
128319	Soil			1.0	14.9	9.1	169	0.4	12.2	10.1	1303	2.82	4.3	<0.5	0.7	37	0.4	0.3	0.2	63	0.27	0.133	7
128320	Soil			1.1	29.2	7.1	129	0.5	22.9	8.8	1327	2.92	6.0	2.2	1.2	161	1.7	0.2	0.2	55	1.01	0.082	11

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 7 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
MDL		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	
128291	Soil	30	0.77	459	0.028	3	2.26	0.020	0.09	<0.1	0.09	8.8	<0.1	<0.05	6	<0.5	<0.2
128292	Soil	27	0.56	497	0.035	3	1.87	0.012	0.12	<0.1	0.05	5.9	<0.1	<0.05	6	<0.5	<0.2
128293	Soil	22	0.50	225	0.058	2	1.34	0.013	0.09	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
128294	Soil	21	0.44	214	0.052	3	1.35	0.010	0.07	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
128295	Soil	19	0.37	188	0.048	2	1.26	0.009	0.07	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
128296	Soil	19	0.31	161	0.047	2	1.02	0.009	0.06	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
128297	Soil	20	0.46	131	0.048	2	1.19	0.008	0.04	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
128298	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
128299	Soil	21	0.38	181	0.049	2	1.29	0.009	0.08	<0.1	0.03	3.3	<0.1	<0.05	5	0.6	<0.2
128300	Soil	21	0.49	176	0.063	3	1.20	0.013	0.05	<0.1	0.05	3.7	<0.1	<0.05	4	<0.5	<0.2
128301	Soil	20	0.41	198	0.055	2	1.13	0.011	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
128302	Soil	17	0.42	169	0.040	1	1.32	0.009	0.04	<0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
128303	Soil	19	0.30	227	0.039	2	1.46	0.009	0.05	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
128304	Soil	21	0.41	157	0.034	2	2.10	0.010	0.05	<0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
128305	Soil	19	0.37	159	0.044	1	1.25	0.009	0.04	<0.1	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
128306	Soil	20	0.39	149	0.043	2	1.31	0.009	0.05	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
128307	Soil	18	0.31	199	0.042	3	1.11	0.008	0.08	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
128308	Soil	19	0.33	151	0.045	2	1.18	0.008	0.05	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
128358	Soil	21	0.49	224	0.036	2	1.47	0.011	0.05	<0.1	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
128359	Soil	19	0.42	143	0.050	1	1.09	0.010	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128311	Soil	17	0.38	161	0.045	1	1.10	0.009	0.08	<0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
128312	Soil	22	0.48	155	0.047	2	1.34	0.010	0.05	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
128313	Soil	25	0.53	210	0.045	2	1.73	0.009	0.05	<0.1	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
128314	Soil	22	0.38	250	0.046	2	1.44	0.009	0.06	<0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
128315	Soil	19	0.35	186	0.046	2	1.39	0.008	0.06	<0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
128316	Soil	21	0.54	192	0.048	<1	1.57	0.016	0.05	<0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
128317	Soil	21	0.48	202	0.043	1	1.46	0.012	0.04	<0.1	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
128318	Soil	24	0.60	250	0.040	2	1.62	0.015	0.07	<0.1	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
128319	Soil	19	0.26	259	0.044	2	1.69	0.010	0.07	<0.1	0.06	2.8	<0.1	<0.05	7	<0.5	<0.2
128320	Soil	22	0.51	474	0.025	3	1.69	0.010	0.09	<0.1	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 8 of 9 Part 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			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	2	0.01	0.001	1	
128321	Soil		1.5	45.8	9.0	133	0.7	34.4	12.6	749	3.49	8.6	2.3	1.5	95	1.3	0.4	0.2	61	0.69	0.100	25
128322	Soil		0.6	16.2	7.7	76	0.1	17.9	9.0	687	2.79	7.2	0.6	1.1	46	0.3	0.3	0.1	62	0.35	0.070	10
128323	Soil		0.8	14.0	7.2	91	0.1	16.0	8.7	678	2.70	5.8	3.2	1.0	38	0.3	0.4	0.1	60	0.26	0.066	13
128324	Soil		0.6	13.8	7.4	81	0.1	18.7	8.5	421	2.85	7.5	0.9	1.4	40	0.1	0.4	0.1	63	0.33	0.100	9
128325	Soil		1.0	16.8	10.5	174	0.4	22.8	13.5	1040	4.14	3.8	3.8	1.8	35	0.3	0.3	0.2	85	0.20	0.231	8
128326	Soil		0.6	15.5	6.9	84	0.1	20.7	9.6	472	3.06	7.1	0.8	1.6	22	0.1	0.4	0.1	69	0.23	0.120	7
128327	Soil		0.5	14.2	6.0	84	<0.1	17.1	8.2	421	2.74	5.7	0.6	1.2	34	0.1	0.4	0.1	63	0.33	0.100	9
128328	Soil		0.7	15.4	6.2	64	<0.1	16.0	8.3	403	2.49	5.5	0.6	0.9	51	0.2	0.3	<0.1	63	0.45	0.045	8
128329	Soil		0.8	17.5	1.8	60	0.6	13.6	3.3	186	1.11	6.3	1.8	0.4	178	0.9	0.5	<0.1	18	2.24	0.086	21
128330	Soil		0.9	41.3	6.1	105	0.7	28.0	9.9	785	3.00	7.1	1.6	0.8	118	1.0	0.3	0.1	56	1.10	0.107	32
128331	Soil		0.4	8.7	6.2	95	0.1	11.1	5.6	268	2.24	3.0	<0.5	0.8	39	0.2	0.2	0.1	51	0.33	0.156	6
128332	Soil		0.9	14.3	8.4	153	0.1	19.2	11.7	977	3.32	6.5	4.7	0.9	55	0.5	0.4	0.1	72	0.64	0.350	8
128333	Soil		0.6	13.1	6.5	82	<0.1	15.1	7.6	531	2.55	3.9	<0.5	1.0	30	0.1	0.2	0.1	58	0.24	0.082	10
128334	Soil		0.5	13.0	5.0	61	<0.1	14.3	6.8	396	2.31	3.5	0.7	1.1	35	0.1	0.2	<0.1	55	0.29	0.058	11
128335	Soil		0.7	16.8	6.9	90	0.1	19.6	9.6	981	2.68	6.3	2.7	0.8	47	0.4	0.4	0.1	63	0.50	0.098	9
128336	Soil		0.6	19.5	5.8	75	0.2	19.5	9.3	569	2.70	5.2	<0.5	0.9	41	0.4	0.3	0.1	63	0.41	0.078	12
128337	Soil		1.0	29.9	7.0	95	0.4	24.5	10.3	1048	2.96	6.5	<0.5	0.8	64	0.8	0.4	0.1	64	0.77	0.107	18
128338	Soil		0.9	39.8	8.9	93	<0.1	33.7	16.5	1076	3.74	11.3	1.4	2.3	58	0.2	0.6	0.1	83	0.66	0.118	17
128339	Soil		1.7	21.1	6.9	71	0.1	24.3	10.1	620	3.23	8.5	0.8	1.9	92	0.2	0.2	0.1	89	0.68	0.119	15
128340	Soil		1.9	26.3	9.5	277	0.2	28.0	17.6	2034	3.57	1.2	<0.5	1.8	80	1.3	0.1	0.1	66	0.53	0.375	9
128341	Soil		1.4	25.2	7.2	78	0.2	28.0	10.9	524	3.09	6.7	0.7	0.7	138	0.3	0.1	0.1	98	0.82	0.104	13
128342	Soil		0.7	25.5	6.6	93	0.3	24.0	9.6	677	2.88	4.4	0.9	0.9	94	0.4	0.2	0.1	63	0.76	0.132	15
128343	Soil		0.9	24.0	7.2	58	0.2	27.7	10.7	715	2.80	7.7	0.6	1.2	117	0.4	0.2	0.1	102	1.06	0.090	15
128344	Soil		1.3	24.8	8.4	98	<0.1	29.5	14.5	838	3.32	5.4	2.0	1.7	120	0.6	0.3	0.1	77	0.96	0.173	16
128345	Soil		0.8	18.5	7.1	78	0.1	24.7	12.0	598	3.28	6.2	<0.5	1.6	55	0.2	0.3	0.1	74	0.48	0.142	9
128346	Soil		0.5	17.4	6.6	72	0.1	31.0	10.0	360	3.28	3.2	1.0	1.7	71	0.2	0.2	<0.1	71	0.63	0.097	11
128347	Soil		0.7	25.7	7.8	81	0.3	24.4	10.4	710	2.94	3.8	0.7	1.4	74	0.4	0.2	0.1	56	0.95	0.068	23
128348	Soil		0.8	19.4	8.2	71	<0.1	23.5	13.5	722	3.37	6.4	1.7	2.4	115	0.2	0.2	0.1	74	0.83	0.111	18
128349	Soil		0.9	16.6	7.8	90	<0.1	20.9	12.1	636	3.12	4.2	<0.5	1.5	69	0.3	0.2	<0.1	65	0.58	0.098	10
128350	Soil		1.1	17.5	7.2	82	<0.1	21.6	12.6	493	3.29	9.3	0.7	1.5	67	0.2	0.3	0.1	73	0.66	0.154	8

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Hunter Dickinson Inc.
15th Floor, 1040 W, Georgia St.
Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 8 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	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	
128321	Soil	28	0.63	402	0.012	2	2.31	0.009	0.13	<0.1	0.08	7.2	<0.1	<0.05	6	0.9	<0.2
128322	Soil	21	0.49	221	0.051	1	1.41	0.013	0.06	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
128323	Soil	20	0.45	199	0.049	<1	1.41	0.012	0.05	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
128324	Soil	22	0.43	180	0.040	<1	1.80	0.013	0.06	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
128325	Soil	28	0.33	205	0.042	<1	2.01	0.010	0.07	<0.1	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
128326	Soil	23	0.36	167	0.047	1	1.65	0.009	0.07	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
128327	Soil	22	0.44	170	0.055	1	1.29	0.013	0.06	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
128328	Soil	22	0.47	212	0.063	<1	1.21	0.023	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128329	Soil	12	0.42	313	0.010	5	0.98	0.010	0.05	<0.1	0.10	3.3	<0.1	0.11	2	1.4	<0.2
128330	Soil	25	0.72	449	0.018	1	2.36	0.013	0.10	<0.1	0.09	6.7	<0.1	0.09	6	1.1	<0.2
128331	Soil	15	0.31	173	0.042	1	1.16	0.009	0.08	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
128332	Soil	24	0.47	391	0.052	2	2.16	0.009	0.16	<0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
128333	Soil	20	0.39	200	0.048	1	1.49	0.011	0.05	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
128334	Soil	19	0.41	153	0.065	1	1.06	0.014	0.06	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
128335	Soil	22	0.42	193	0.058	1	1.13	0.019	0.09	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128336	Soil	22	0.45	184	0.054	1	1.22	0.017	0.10	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
128337	Soil	25	0.61	270	0.032	2	1.57	0.018	0.08	<0.1	0.04	4.9	<0.1	<0.05	4	<0.5	<0.2
128338	Soil	31	0.73	208	0.055	2	1.62	0.022	0.12	<0.1	0.05	7.5	<0.1	<0.05	5	<0.5	<0.2
128339	Soil	26	0.74	273	0.093	2	1.75	0.028	0.15	<0.1	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
128340	Soil	32	0.64	584	0.167	2	2.33	0.017	0.24	<0.1	0.03	4.7	<0.1	<0.05	9	<0.5	<0.2
128341	Soil	30	0.90	274	0.092	1	2.08	0.029	0.15	<0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
128342	Soil	24	0.62	269	0.061	1	1.73	0.017	0.13	<0.1	0.03	4.6	<0.1	<0.05	5	0.6	<0.2
128343	Soil	28	0.84	217	0.084	1	2.02	0.023	0.15	<0.1	0.03	5.8	<0.1	<0.05	6	0.9	<0.2
128344	Soil	29	0.96	368	0.100	1	2.07	0.024	0.19	<0.1	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
128345	Soil	28	0.64	213	0.087	<1	1.95	0.017	0.18	<0.1	0.02	4.4	<0.1	<0.05	6	0.5	<0.2
128346	Soil	31	0.71	377	0.151	1	2.38	0.027	0.12	<0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
128347	Soil	27	0.64	254	0.081	1	2.11	0.022	0.13	<0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
128348	Soil	28	0.82	345	0.097	<1	2.07	0.031	0.18	<0.1	0.02	5.7	<0.1	<0.05	6	0.5	<0.2
128349	Soil	26	0.72	266	0.078	1	1.85	0.021	0.18	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
128350	Soil	27	0.67	243	0.072	<1	2.01	0.018	0.16	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 9 of 9 **Part** 1

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
128351	Soil	1.4	20.3	6.8	89	0.1	28.7	14.6	803	3.04	6.4	1.1	0.8	91	0.3	0.2	<0.1	71	0.76	0.118	10
128352	Soil	0.5	27.0	6.4	116	<0.1	41.8	18.7	566	4.47	<0.5	<0.5	1.9	105	<0.1	<0.1	<0.1	133	0.96	0.216	28
128353	Soil	0.6	17.2	6.8	83	<0.1	22.3	10.0	596	2.96	2.2	<0.5	1.8	110	0.2	0.2	<0.1	68	0.54	0.106	16
128354	Soil	0.7	19.9	4.8	134	<0.1	37.4	16.5	370	4.03	<0.5	<0.5	2.0	82	<0.1	<0.1	<0.1	124	0.72	0.261	26
128355	Soil	0.8	19.7	7.5	114	<0.1	29.4	14.2	752	3.61	2.0	0.8	2.0	85	<0.1	0.1	<0.1	95	0.59	0.191	21
128356	Soil	1.0	17.9	7.8	85	<0.1	27.4	13.0	855	3.58	3.3	<0.5	1.7	66	0.1	0.2	0.1	71	0.64	0.393	10



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 9 of 9 Part 2

CERTIFICATE OF ANALYSIS

VAN11006377.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	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	
128351	Soil	27	0.57	259	0.097	3	1.74	0.019	0.11	<0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
128352	Soil	28	1.76	135	0.272	<1	2.02	0.042	0.09	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
128353	Soil	26	0.81	359	0.123	<1	1.98	0.038	0.11	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
128354	Soil	27	1.35	109	0.163	<1	2.04	0.028	0.05	<0.1	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
128355	Soil	30	1.04	226	0.175	2	2.43	0.021	0.11	<0.1	0.02	4.2	<0.1	<0.05	8	<0.5	<0.2
128356	Soil	29	0.66	259	0.097	2	2.72	0.012	0.22	<0.1	0.04	4.4	<0.1	<0.05	8	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
Report Date: December 12, 2011

Page: 1 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN11006377.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	
Pulp Duplicates																					
128145	Soil	0.7	29.0	6.9	132	0.3	25.5	9.6	1665	3.36	4.6	1.4	1.3	46	0.3	0.4	0.1	58	0.36	0.085	16
REP 128145	QC	0.5	27.6	6.9	129	0.3	24.2	9.5	1539	3.27	4.4	1.2	1.3	46	0.2	0.3	0.1	55	0.35	0.081	15
128154	Soil	0.5	10.5	6.1	45	<0.1	15.5	6.7	343	2.67	4.8	1.9	1.3	43	<0.1	0.3	<0.1	60	0.47	0.035	9
REP 128154	QC	0.6	10.5	5.7	45	<0.1	14.9	6.9	342	2.65	6.0	3.5	1.2	43	<0.1	0.3	0.1	61	0.45	0.034	8
128162	Soil	0.6	12.4	6.0	93	<0.1	16.6	7.9	327	3.00	5.1	<0.5	1.1	25	0.1	0.4	<0.1	62	0.27	0.105	7
REP 128162	QC	0.6	12.6	5.7	92	<0.1	17.2	7.7	327	3.02	5.1	1.9	1.1	26	<0.1	0.4	<0.1	61	0.26	0.106	7
128182	Soil	0.4	14.0	5.0	103	0.2	16.4	7.5	663	2.36	2.9	2.4	1.1	37	0.3	0.2	<0.1	53	0.35	0.070	10
REP 128182	QC	0.4	14.6	6.9	107	0.2	16.1	7.6	687	2.44	3.0	<0.5	1.0	40	0.3	0.3	<0.1	53	0.36	0.067	9
128197	Soil	1.1	24.9	10.2	170	0.3	24.2	17.0	1518	3.33	1.6	0.7	1.0	83	0.9	0.2	0.1	75	0.75	0.345	7
REP 128197	QC	1.0	24.4	10.3	169	0.3	24.3	17.2	1549	3.42	1.8	0.8	1.0	83	0.9	0.1	0.1	75	0.74	0.357	7
128215	Soil	0.9	33.8	9.3	74	0.1	24.7	11.4	595	3.01	10.4	2.4	1.0	36	0.1	0.5	0.3	59	0.32	0.058	10
REP 128215	QC	0.9	33.2	9.7	74	0.1	25.7	11.6	591	3.03	10.1	2.7	0.9	36	0.1	0.5	0.3	59	0.31	0.055	10
128232	Soil	1.0	41.4	9.4	93	0.4	27.5	9.8	463	3.01	7.0	3.2	1.1	31	0.1	0.3	0.3	56	0.26	0.072	9
REP 128232	QC	1.0	41.3	8.9	93	0.4	28.0	10.4	479	2.99	6.9	1.8	1.0	31	0.1	0.3	0.3	57	0.26	0.068	9
128261	Soil	0.6	23.0	6.4	81	<0.1	20.0	8.4	688	2.83	6.2	1.9	0.5	25	0.1	0.5	0.1	62	0.25	0.053	13
REP 128261	QC	0.6	22.4	6.2	79	<0.1	19.5	8.3	666	2.74	6.2	1.1	0.5	25	0.2	0.4	0.1	61	0.25	0.051	13
128277	Soil	0.6	12.3	5.8	100	<0.1	15.3	7.3	470	2.71	6.7	3.6	0.7	17	0.3	0.5	0.1	63	0.17	0.062	5
REP 128277	QC	0.6	12.7	6.0	98	<0.1	15.4	7.5	469	2.73	6.3	0.7	0.8	18	0.3	0.5	0.1	62	0.17	0.063	5
128301	Soil	0.5	13.5	6.4	82	<0.1	14.7	7.6	524	2.62	5.4	1.1	0.9	44	0.3	0.5	0.1	61	0.34	0.062	10
REP 128301	QC	0.5	13.1	6.5	79	<0.1	13.7	7.4	527	2.61	5.3	0.8	0.8	42	0.2	0.5	0.1	59	0.32	0.059	10
128319	Soil	1.0	14.9	9.1	169	0.4	12.2	10.1	1303	2.82	4.3	<0.5	0.7	37	0.4	0.3	0.2	63	0.27	0.133	7
REP 128319	QC	1.0	15.3	8.8	166	0.4	12.2	10.1	1264	2.82	4.0	<0.5	0.7	36	0.6	0.4	0.2	62	0.26	0.127	7
128339	Soil	1.7	21.1	6.9	71	0.1	24.3	10.1	620	3.23	8.5	0.8	1.9	92	0.2	0.2	0.1	89	0.68	0.119	15
REP 128339	QC	1.6	20.5	7.1	73	<0.1	24.0	10.2	624	3.28	8.3	0.8	1.9	94	0.2	0.2	0.1	89	0.70	0.115	15
Reference Materials																					
STD DS8	Standard	13.4	109.2	123.9	290	1.7	37.8	7.5	584	2.37	25.2	114.6	6.6	60	2.3	4.9	6.1	43	0.67	0.078	15
STD DS8	Standard	12.9	109.1	128.9	309	2.0	36.6	7.3	592	2.40	26.0	116.0	7.1	70	2.2	5.3	6.9	43	0.70	0.080	17
STD DS8	Standard	12.4	100.9	118.3	289	1.7	39.0	7.2	571	2.33	24.9	107.0	6.3	59	2.2	5.3	5.7	40	0.63	0.079	14

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK
 Report Date: December 12, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006377.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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	
MDL	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																	
128145	Soil	26	0.57	454	0.035	<1	2.41	0.014	0.09	<0.1	0.03	6.7	<0.1	<0.05	7	<0.5	<0.2
REP 128145	QC	24	0.56	430	0.032	2	2.33	0.015	0.09	<0.1	0.04	6.2	<0.1	<0.05	6	0.7	<0.2
128154	Soil	21	0.46	180	0.058	2	1.14	0.023	0.04	<0.1	0.02	4.7	<0.1	<0.05	3	<0.5	<0.2
REP 128154	QC	22	0.46	174	0.070	2	1.18	0.020	0.05	<0.1	0.02	5.0	<0.1	<0.05	4	<0.5	<0.2
128162	Soil	21	0.43	199	0.068	1	1.56	0.020	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
REP 128162	QC	20	0.43	203	0.067	<1	1.53	0.017	0.05	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
128182	Soil	19	0.44	172	0.069	<1	1.41	0.019	0.08	<0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
REP 128182	QC	20	0.43	171	0.071	1	1.32	0.023	0.08	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
128197	Soil	38	0.49	363	0.160	4	1.92	0.023	0.25	<0.1	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
REP 128197	QC	38	0.49	360	0.159	3	1.79	0.022	0.24	<0.1	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
128215	Soil	27	0.61	181	0.044	2	1.69	0.012	0.08	<0.1	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
REP 128215	QC	27	0.59	170	0.047	2	1.65	0.020	0.08	<0.1	0.05	4.7	<0.1	<0.05	5	<0.5	<0.2
128232	Soil	29	0.68	212	0.019	2	2.62	0.016	0.13	<0.1	0.05	5.0	<0.1	<0.05	8	<0.5	<0.2
REP 128232	QC	29	0.65	210	0.020	2	2.54	0.012	0.13	<0.1	0.04	5.2	<0.1	<0.05	8	<0.5	<0.2
128261	Soil	24	0.53	275	0.031	1	1.42	0.010	0.06	<0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
REP 128261	QC	24	0.52	273	0.030	1	1.49	0.011	0.05	<0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
128277	Soil	22	0.43	179	0.037	1	1.17	0.008	0.04	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
REP 128277	QC	22	0.43	185	0.037	<1	1.19	0.008	0.04	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
128301	Soil	20	0.41	198	0.055	2	1.13	0.011	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
REP 128301	QC	19	0.41	189	0.052	1	1.12	0.011	0.06	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
128319	Soil	19	0.26	259	0.044	2	1.69	0.010	0.07	<0.1	0.06	2.8	<0.1	<0.05	7	<0.5	<0.2
REP 128319	QC	19	0.26	251	0.044	2	1.66	0.013	0.07	<0.1	0.04	2.5	<0.1	<0.05	7	<0.5	<0.2
128339	Soil	26	0.74	273	0.093	2	1.75	0.028	0.15	<0.1	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
REP 128339	QC	27	0.72	269	0.098	2	1.77	0.030	0.15	<0.1	0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	117	0.60	276	0.112	3	0.93	0.095	0.41	2.9	0.20	2.2	5.3	0.18	5	4.4	5.1
STD DS8	Standard	113	0.65	296	0.122	3	1.02	0.089	0.43	2.9	0.21	2.5	5.8	0.18	5	5.3	5.3
STD DS8	Standard	108	0.58	267	0.100	2	0.85	0.091	0.40	2.7	0.18	1.8	5.2	0.19	4	5.0	4.8



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Hunter Dickinson Inc.
 15th Floor, 1040 W, Georgia St.
 Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 12, 2011

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN11006377.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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	1
STD DS8	Standard	13.3	110.5	121.7	311	1.8	37.4	7.6	609	2.43	26.5	117.3	6.9	72	2.3	5.7	6.7	42	0.68	0.076	16
STD DS8	Standard	13.7	111.3	135.6	318	1.9	37.9	7.5	645	2.51	27.6	115.2	7.5	74	2.3	6.1	7.5	43	0.72	0.077	16
STD DS8	Standard	12.8	105.6	124.7	296	1.7	35.9	7.0	579	2.52	24.4	109.9	7.2	66	2.3	5.8	5.1	42	0.67	0.074	17
STD DS8	Standard	13.8	115.6	126.3	311	1.8	40.4	7.7	613	2.45	25.2	122.3	6.9	71	2.4	5.5	6.9	44	0.70	0.080	16
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
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	<1
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	<1
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	<1
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	<1
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	<1



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Hunter Dickinson Inc.**

15th Floor, 1040 W, Georgia St.

Vancouver BC V6E 4H8 Canada

Project: BUCK

Report Date: December 12, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN11006377.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
STD DS8	Standard	117	0.62	281	0.126	3	0.95	0.102	0.41	3.2	0.19	3.1	5.2	0.13	5	5.0	4.7
STD DS8	Standard	118	0.64	296	0.121	3	0.94	0.084	0.42	3.1	0.19	2.3	5.5	0.12	5	4.6	5.1
STD DS8	Standard	111	0.64	286	0.121	1	0.92	0.107	0.42	2.9	0.18	2.7	5.5	0.12	5	3.9	4.9
STD DS8	Standard	123	0.59	268	0.126	3	0.93	0.103	0.42	2.9	0.20	3.0	5.6	0.13	5	5.0	4.8
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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

APPENDIX C

Airborne Geophysical Report

HELIBORNE HIGH RESOLUTION AEROMAGNETIC SURVEY

Buck West and East Blocks British Columbia

For:

Hunter Dickinson Services Inc.
15th Floor, 1040 West Georgia Street
Vancouver, BC
V6E 4H1



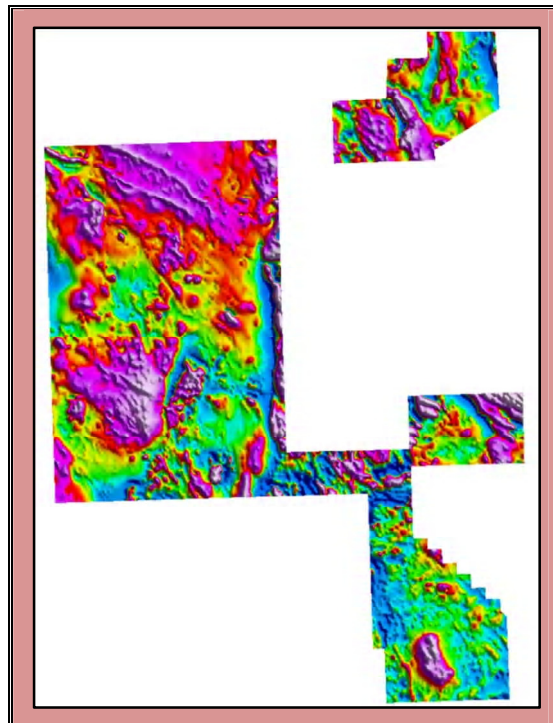
By:

Geo Data Solutions GDS Inc.
4402 Louis B. Mayer
Laval, Québec, H7P 0G1
Tel.: (450) 934-7194

Project Ref.: P11-044

Final Technical Report

January 2012



HUNTER DICKINSON SERVICES INC.

**HELIBORNE HIGH RESOLUTION
AEROMAGNETIC SURVEY**

**Buck West and East Blocks
British Columbia**

Project Ref.: P11-044

FINAL TECHNICAL REPORT

January 2012

TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
2.0 SURVEY SPECIFICATIONS.....	4
3.0 HELICOPTER, EQUIPMENT AND PERSONNEL.....	5
3.1 HELICOPTER.....	5
3.2 EQUIPMENT.....	5
3.3 PERSONNEL.....	8
4.0 SURVEY SCHEDULE.....	9
5.0 DATA ACQUISITION.....	9
6.0 DATA COMPILATION AND PROCESSING.....	10
6.1 BASE MAPS.....	10
6.2 PROCESSING OF BASE STATION DATA.....	10
6.3 PROCESSING OF THE POSITIONING DATA (GPS).....	11
6.4 PROCESSING OF THE ALTIMETER DATA.....	11
6.5 PROCESSING OF MAGNETIC DATA.....	11
6.6 TOTAL MAGNETIC FIELD AND FIRST VERTICAL DERIVATIVE GRIDS.....	12
7.0 FINAL PRODUCTS.....	14
7.1 MAPS:.....	14
7.2 FINAL DIGITAL ARCHIVE OF LINE DATA:.....	14
7.3 MISCELLANEOUS.....	14
8.0 CONCLUSIONS.....	15
REFERENCES.....	16

LIST OF TABLES

Table 1: Survey Specifications.....	1
Table 2: Buck West Block coordinates.....	2
Table 3: Buck East Block coordinates.....	2
Table 4: The GPS Navigation System.....	8
Table 5: The Radio Altimeter Specifications.....	8
Table 6: Field and Office Crew.....	9
Table 7: Magnetic Levelling Steps.....	12

LIST OF FIGURES

Figure 1: Buck West Theoretical Flight Path	3
Figure 2: Buck East Theoretical Flight Path.....	4
Figure 3: The Astar 350-B2 helicopter	6
Figure 4: Base station magnetometer and console.....	6
Figure 5: Magnetic compensator and Data Acquisition System.....	7
Figure 6: Histogram of the Helicopter Ground Clearance and Speed	13

LIST OF APPENDIXES

Appendix A: Testing and Calibration
Appendix B: Profile Database Archive and Channel Definitions

1.0 INTRODUCTION

On December 2nd, 2011, **GEO DATA SOLUTIONS GDS INC.** (GDS) was awarded project P11-044 by **Hunter Dickinson Services Inc.** (HDI). The project entailed **GDS** to carry out a high-resolution helicopter borne magnetic survey on two blocks (Buck West and East) located in British Columbia, Canada.

The base of operations was set up in Houston, BC, which is located right north of the survey area. This town offered accommodation for the crew, air strip facilities, including Jet fuel and flight planning.

Total number of line-km needed to cover the Buck West and East blocks was 3 906 line-km.

The survey was executed from December 8th to 20th, 2011. Excluding calibration and test flights, 11 production flights were needed to cover the requested blocks. Stable weather conditions were observed during the data acquisition period.

Table 1 presents survey specifications, tables 2 and 3 present block co-ordinates and figures 1 and 2 outline the theoretical flight paths. Lengths of any traverse or tie-line were adjusted to a minimum of 3 km.

In terms of altitude, topography in the survey area is classed as moderate.

The magnetometer sensor was mounted in a stinger fixed to the helicopter (figure 3).

This report describes survey procedures and data verification, which were carried out in the field, and data processing, which followed at the office.

Table 1: Survey Specifications							
Block	Traverse Line			Tie Lines			Total
	Azimuth	Line-km	Spacing	Azimuth	Line-km	Spacing	
Buck West	E-W	2 921	200 m	N-S	607	1 000 m	3 528 km
Buck East	E-W	311	200 m	N-S	67	1 000 m	378 km
						TOTAL	3 906 km

Table 2: Buck West Block coordinates				
Vertex	Latitude WGS 84	Longitude WGS 84	X (UTM) Zone 9	Y (UTM) Zone 9
1	54° 22' 45"	-126° 36' 03"	655 819	6 028 348
2	54° 10' 45"	-126° 36' 06"	656 519	6 006 100
3	54° 10' 48"	-126° 28' 13"	665 084	6 006 500
4	54° 10' 45"	-126° 27' 05"	666 326	6 006 449
5	54° 12' 45"	-126° 27' 05"	666 197	6 010 152
6	54° 12' 45"	-126° 20' 43"	673 100	6 010 406
7	54° 10' 15"	-126° 20' 43"	673 275	6 005 772
8	54° 10' 14"	-126° 28' 14"	665 117	6 005 466
9	54° 07' 30"	-126° 28' 14"	665 299	6 000 374
10	54° 04' 15"	-126° 22' 13"	672 057	5 994 588
11	54° 01' 15"	-126° 22' 13"	672 264	5 989 027
12	54° 01' 15"	-126° 30' 06"	663 667	5 988 715
13	54° 03' 15"	-126° 30' 06"	663 536	5 992 423
14	54° 03' 15"	-126° 30' 51"	662 718	5 992 394
15	54° 09' 15"	-126° 30' 51"	662 327	6 003 517
16	54° 09' 15"	-126° 51' 06"	640 291	6 002 794
17	54° 22' 45"	-126° 51' 06"	639 528	6 027 822

Table 3: Buck East Block coordinates				
Vertex	Latitude WGS 84	Longitude WGS 84	X (UTM) Zone 9	Y (UTM) Zone 9
1	54° 24' 00"	-126° 31' 59"	660146	6030819
2	54° 24' 00"	-126° 28' 14"	664202	6030963
3	54° 25' 30"	-126° 28' 14"	664102	6033744
4	54° 25' 30"	-126° 25' 36"	666940	6033847
5	54° 26' 30"	-126° 25' 36"	666872	6035701
6	54° 26' 30"	-126° 21' 51"	670924	6035851
7	54° 23' 50"	-126° 21' 50"	671121	6030924
8	54° 22' 22"	-126° 26' 11"	666528	6028028
9	54° 22' 00"	-126° 26' 09"	666586	6027338
10	54° 22' 00"	-126° 31' 59"	660276	6027111

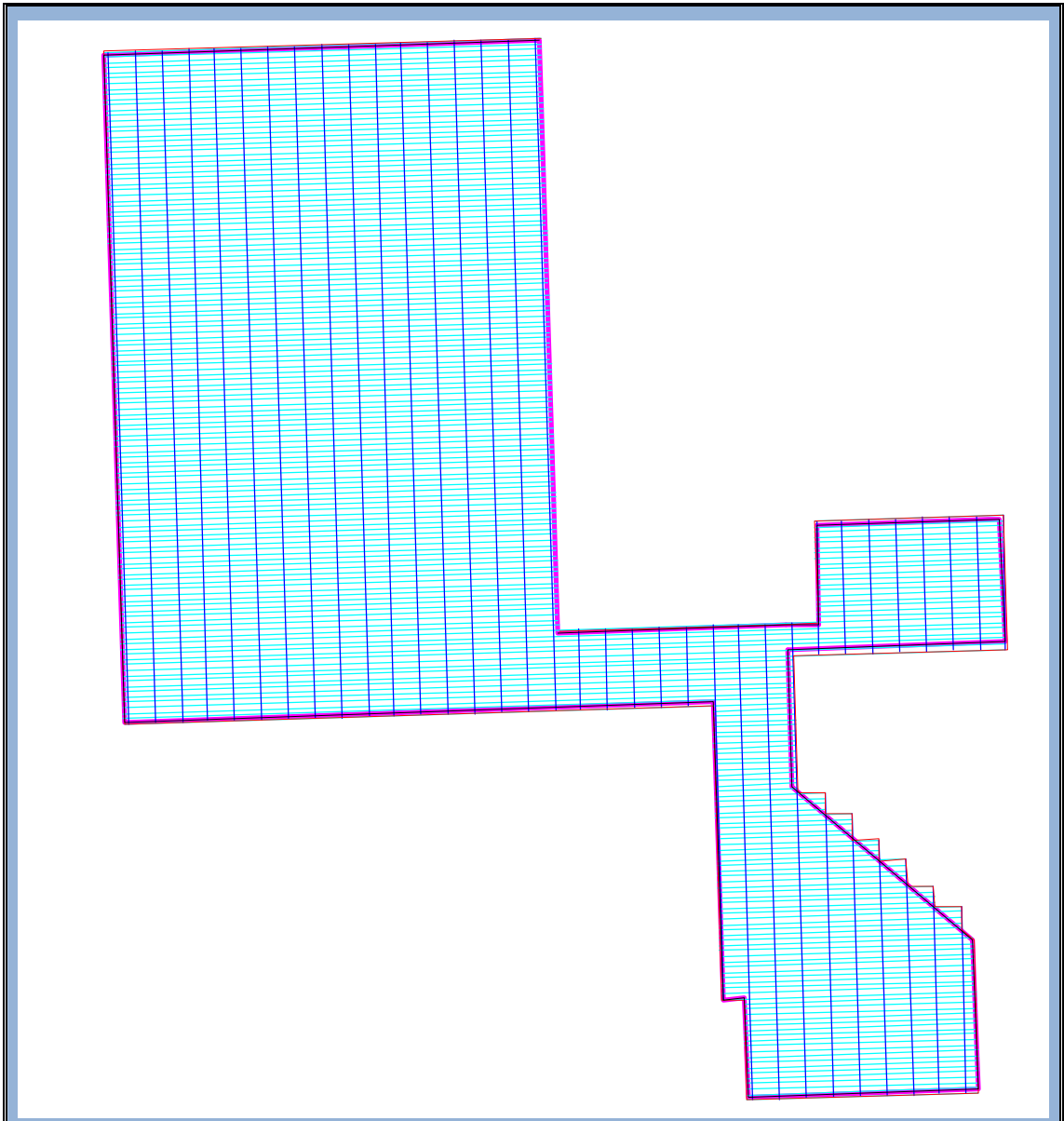
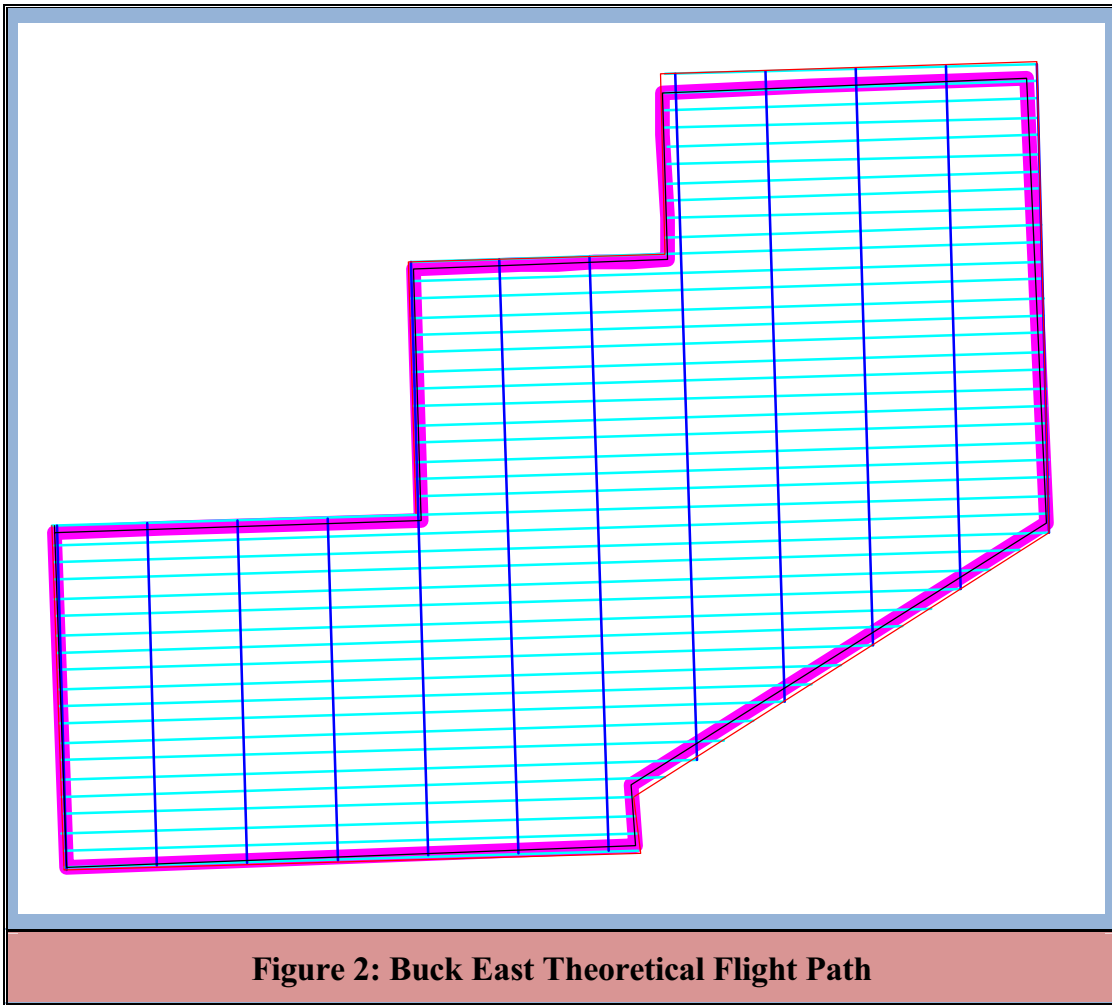


Figure 1: Buck West Theoretical Flight Path



2.0 SURVEY SPECIFICATIONS

Airborne survey and noise specifications were as follows:

- a) Number of line-km flown, traverse spacing and direction
 - Table 1 presents the number of line-km flown and traverse/tie-line spacing and directions.
- b) Nominal terrain clearances
 - A smooth drape surface was followed with a minimum ground clearance of 45 metres and a rate of climb of 25%.

Figure 6 presents histograms of the helicopter ground clearance and speed.

- c) magnetic diurnal variation
 - A maximum tolerance of 3.0 nT (peak to peak) deviation from a long chord equivalent to a period of 30 seconds at the magnetometer base station was respected during all the survey period.
- d) magnetometer noise envelope
 - in-flight noise envelope did not exceed 0.5 nT, for straight and level flight.
 - base station noise envelope did not exceed 0.2 nT.
- e) Re-flights and turns
 - line-spacing did not vary by more than 25 % from the nominal spacing over a distance of more than 1 km. The minimum length of any survey line was 3 km.
 - all reflights of line segments intersected at least two control lines.

3.0 HELICOPTER, EQUIPMENT AND PERSONNEL

3.1 Helicopter

Figure 3 presents the Astar 350B2 helicopter (C-FNWE) technical specifications and capacity.

3.2 Equipment

Magnetometer:

Geometrics Cesium split-beam total field magnetic sensor installed at the end of a stinger fixed to the helicopter (figure 3), with a sensitivity of 0.01 nT, a sampling rate of 10 Hz and a resolution better than 0.025 nT per measurement. The sensor tolerates gradients up to 10 000 nT/m, and operates in a range from 20 000 nT to 100 000 nT. A 0.5 nT noise envelope was not exceeded over 500 metres line-length without a reflight.

Magnetometer Base Station:

A GEM GSM-19 Overhauser magnetometer base station (figure 4) was mounted in a magnetically quiet area. The base station measured the total intensity of the earth's magnetic field in units of 0.01 nT at intervals of 1 second, within a noise envelope of 0.10 nT. The Magnetic Field Mean Values obtained at the base station were 56 481.88 nT, for flights 3 and 4, and 56 352.00 for all the other flights.

Co-ordinates of the base station were:

For flights 3 and 4: Lat.: 54.3938037° Long.: -126.6717874°
 All the other flights: Lat.: 54.4009054 Long.: -126.6671378°



Powerplant	Turbomeca Arriel 1 B series turbine
Power	641 shp
Number of main rotor blades	3
Average cruising speed#	135 MPH
Maximum gross weight	Internal: 4 630 lbs
	External: 4 960 lbs
Aircraft empty weight	2 850 lbs
Maximum range	410 miles
Fuel consumption	170 l/hr

Figure 3: The Astar 350-B2 helicopter

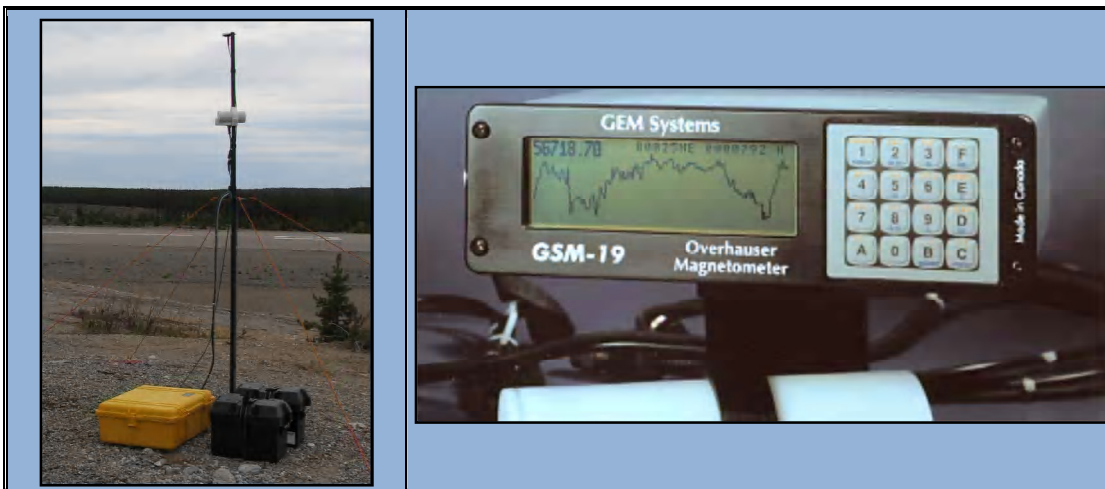


Figure 4: Base station magnetometer and console

Magnetic Compensator and Data Acquisition System (figure 5):

The magnetic field generated by the aircraft was compensated using a RMS DAARC500 Automatic Aeromagnetic Digital Compensator system. The DAARC500 is an instrument used to compensate or correct in real time for the magnetic interference caused by the aircraft itself and aircraft manoeuvring in the Earth's magnetic field, when using inboard-mounted high sensitivity magnetometers. The compensation accounts for the effects of permanent magnetism, induced magnetism, Eddy currents and also heading errors caused by the sensor themselves. It provides a frequency bandwidth of DC to 0.9 Hz, frequencies of most interest to the geophysicist. Other bandwidths are optionally available. Signals from magnetometers are digitized faithfully without aliasing or phase distortion.

The DAARC500 is based on many years of research and development on automatic aeromagnetic compensation by the National Aeronautical Establishment (NAE), a division of the National Research Council of Canada. Following the transfer of technology, RMS Instruments continued with the development resulting in an instrument which is extremely reliable, capable of accepting the Larmor frequencies of up to four high sensitivity magnetometers, and is based on a sophisticated compensation algorithm which is extremely robust.

The DAARC500 incorporate a sophisticated and flexible data acquisition system. Geophysical instruments and sensors may be directly connected to the DAARC500, via 8 Outputs and Inputs high speed RS232 digital ports, 16 analogic Inputs ports and an Ethernet port. Incoming data are real time processed. All acquired data are synchronized through a GPS receiver pulse-per-second (PPS).



Figure 5: Magnetic compensator and Data Acquisition System

GPS and Navigation System:

Table 4 describes the airborne GPS system, which provided both real-time navigation and flight-path recovery.

Post-flight differential corrections of the raw GPS data were done using the PPP Web application from NRCan.

Table 4: The GPS Navigation System	
Item	Specifications
GPS Manufacturer	Novatel
Model	DL-V3 Dual-freq L1/L2
Serial Number	NBV07400024
Frequency	1 hertz
Number of Channels	12
Sampling Interval	2 Hz
Navigation System	AGNAV (LiNAV)

Radar Altimeter

A frequency-modulated radio altimeter was used for measuring accurately distances between helicopter and ground. Table 5 presents its technical characteristics.

Table 5: The Radio Altimeter Specifications	
Item	Specifications
Manufacturer	Free Flight
Model	TRA 3000
Minimum range	0 to 800 metres
Accuracy:	5 %
Sensitivity:	10 mV/m
Digital resolution:	0.1 metre

Ancillary Equipment

Computer workstation, complement of spare parts and test equipment

3.3 Personnel

The general management of the project was monitored offsite by Mr. Mouhamed Moussaoui, GDS's President. Mr. Saleh El Moussaoui was responsible for the field data quality control to ensure that the work was carried out according to contractual specifications. Final data evaluation and processing were performed at the Laval GDS's office by Ms. My Phuong Vo. Survey crew and office personnel are listed in table 6.

Table 6: Field and Office Crew	
Position	Name
Project Manager	Mr. Mouhamed Moussaoui, Ing.
Data quality control	Mr. Saleh El Moussaoui
Field Operator	Mr. Jean-Yves Bernier
Pilot	Mr. Ralphe Greenaway
Final Processing	Ms. My Phuong Vo
Survey Report	Mr. Camille St-Hilaire, P.Geo

4.0 SURVEY SCHEDULE

The survey was flown over two blocks with flight line bearing selected to run perpendicular to the average trend of the local geological structures.

Survey steps were:

Mobilization:	December 5 th , 2011
Survey:	December 8 th to 20 th , 2011
Demobilization:	December 20 th , 2011
Number of Flights:	11 production flights

Preliminary results were delivered to **HDI** early in January while final maps and data were sent at the end of January, 2012.

5.0 DATA ACQUISITION

The following test and quality control were performed before and during survey production.

FOM Magnetometer Test:

Effects of helicopter manoeuvres (roll, pitch and yaw) are determined by a FOM test (Figure of Merit). The test is performed over a magnetically quiet zone, at high altitude. It consists of flying $\pm 10^\circ$ rolls, $\pm 5^\circ$ pitches and $\pm 5^\circ$ yaws peak to peak along North, South, East and West headings over periods of 4-5 seconds. The compensation Figure of Merit (FOM) for the helicopter is calculated by summing up the peak-to-peak amplitudes of these 12 magnetic signatures. FOM test results are presented in appendix A.

Altimeter Calibration:

An altimeter calibration was performed by flying a range of altitudes representative of survey area conditions, above and below the designated survey altitude. These altitudes cover the

minimum and maximum range at 9 altitude increments. Typically, these levels were determined by the real time GPS-Z and barometric altimeter above the elevation of the base airstrip. Altimeter calibration results are presented in appendix A

Lag Tests:

Finally, a lag test was also performed. This test ascertains the time difference between the magnetometer readings and the operation of the positioning devices.

Quality Control

After data acquisition, profiles were examined as a preliminary assessment of the noise level on the recorded data. Altimeter deviations from the prescribed flying altitudes were also closely examined as well as the magnetic diurnal activity, as recorded on the base station.

All digital data were verified for validity and continuity. Data from helicopter and base station were transferred to a PC's hard disk. Basic statistics were generated for each parameter recorded. These included minimum, maximum, mean values, standard deviation, and any null values were located. Editing of all recorded parameters for spikes or datum shifts was done, followed by final data verification via an interactive graphic screen with on-screen editing and interpolation routines.

Quality of GPS navigation was controlled by recovering the helicopter flight path.

Checking all data for adherence to specifications was carried out before crew and aircraft demobilization.

6.0 DATA COMPILATION AND PROCESSING

6.1 Base maps

The base map of the survey area was plotted from topographic maps of the Department of Natural Resources Canada at a scale of 1:50 000.

Projection description

Datum:	Nad83 (Compatible WGS84)
Projection:	UTM Zone 9N
False Easting:	500 000
False Northing:	0
Scale Factor:	0.9996

6.2 Processing of Base Station data

Recorded magnetic diurnal data from the magnetometer base station were reformatted and loaded into the OASIS database. After initial verification of the integrity of the data from statistical analysis, the appropriate portion of the data was selected to correspond to the exact start and end time of the flight. Data were then checked and corrected for spikes using a fourth difference

editing routine. Following this, interactive editing of the data was done, via a graphic editing tool, to remove events caused by man-made disturbances. A small low pass noise filter (30 seconds) was then applied. The final processing step consisted of subtracting result from the airborne magnetic data as a pre-levelling step. The average of the Total Field Magnetic Intensities measured at the Base Station were 56 481.88 nT, for flights 3 and 4, and 56 352.00 for all the other flights.

6.3 Processing of the Positioning Data (GPS)

The raw GPS data were recovered and corrected from spikes. The resulting corrected latitudes and longitudes were then converted to the local map projection and datum (Nad83). A point-to-point speed calculation was then done from the final X, Y coordinates and reviewed as part of the quality control. The flight data were then cut back to the proper survey line limits and a preliminary plot of the flight path was done and compared to the planned flight path to verify the navigation. The positioning data were then exported to the other processing files.

6.4 Processing of the Altimeter data

The altimeter data, which includes radar altimeter and the GPS elevation values were checked and corrected for spikes using a fourth difference editing routine. A small low pass filter of 2 seconds was then applied to the data. Following this, a digital terrain trace was computed by subtracting the radar altimeter values from the corrected GPS elevation values. All resulting parameters were then checked, in profile form, for integrity and consistency, using a graphic viewing editor.

6.5 Processing of Magnetic data

The airborne magnetic data were reformatted and loaded into the OASIS database. After initial verification of the data by statistical analysis, positions were adjusted for system lag. The data were then checked and corrected for any spikes using a fourth difference editing routine and inspected on the screen using a graphic profile display. Interactive editing, if necessary, was done at this stage. Following this, the long wavelength component of the diurnal was subtracted from the data as a pre-levelling step.

A first levelling process is applied using tie-lines intersections and preliminary grids of the total field and first vertical derivative were created and verified for obvious problems, such as errors in positioning or bad diurnal. Appropriate corrections were then applied to the data, as required.

An altitude correction was applied to the total field magnetic intensity by using the vertical gradient. This correction was done by downward or upward continuation of the field around the flight surface. Histogram of the ground clearance is shown on figure 6.

The levelling process was then undertaken. This consisted of calculating the positions of the control points (intersections of traverses and tie lines), calculating the elevation and magnetic differences at the control points and applying a series of levelling corrections to reduce the misclosures to zero. A new grid of the values was then created and checked for residual errors. Any gross errors detected were corrected in the profile database and the levelling process repeated. Table 7 presents steps used during the levelling process.

A micro-levelling was applied in order to removes minor imperfections visible on shadow images. This produced grids of exceptional aesthetic quality with no degradation of the high frequency content of the data.

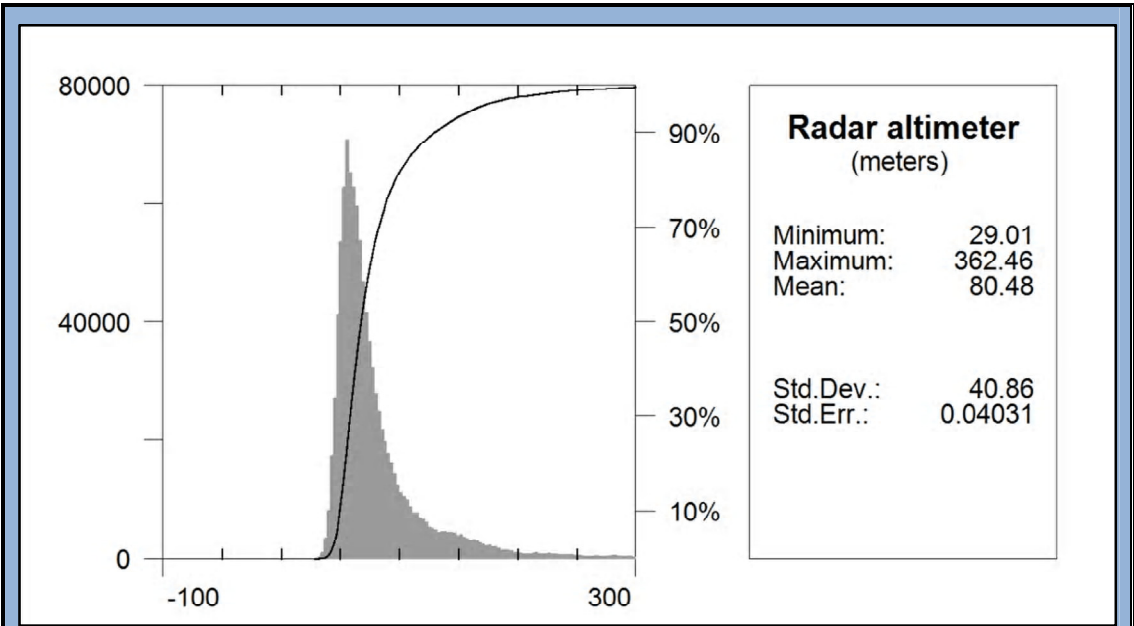
Table 7: Magnetic Levelling Steps			
Pass	Filter	Control	Traverse
1	Butterworth(10000,6)	X	
2	Butterworth(2000,6)		X
3	Butterworth(5000,6)	X	
4	Butterworth(1000,6)		X
5	Butterworth(1500,6)	X	
6	Butterworth(500,6)		X

6.6 Total Magnetic field and First Vertical Derivative Grids

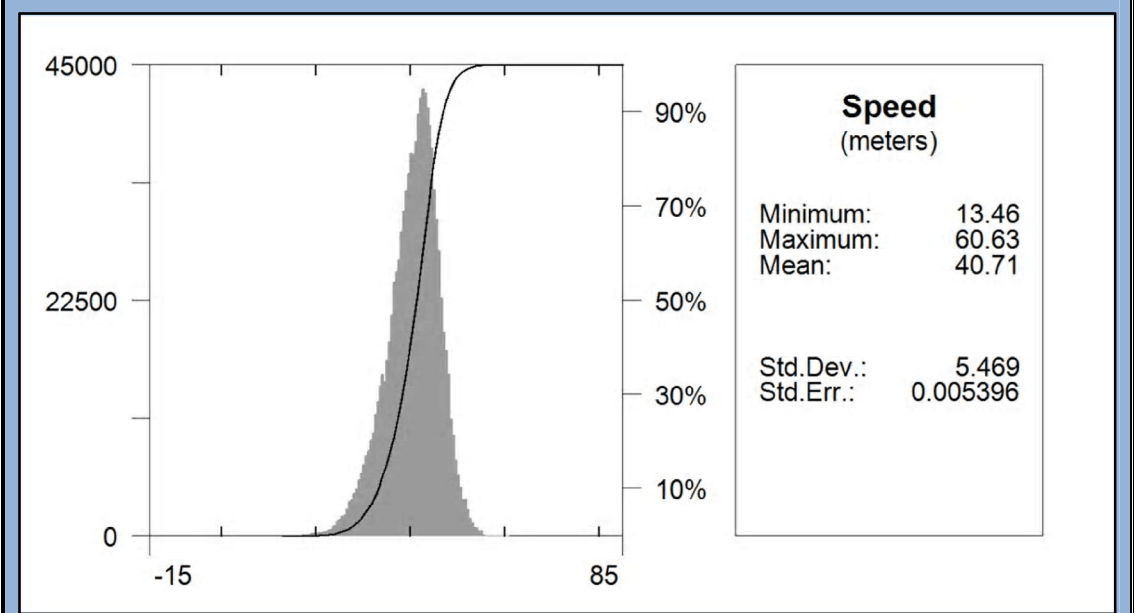
The total field magnetic grids were calculated from the final reprocessed profiles by a minimum curvature algorithm. The accuracy standard for gridding was that the grid values fit the profile data to within 0.01 nT for 99.99% of the profile data points. According to traverse line spacing, grids have a grid cell size of 50 metres.

Minimum curvature gridding provides the smoothest possible grid surface that also honours the profile line data. However, sometimes this can cause narrow linear anomalies cutting across flight lines to appear as a series of isolated spots.

The first vertical derivative of the total magnetic field was computed to enhance small and weak near-surface anomalies and as an aid to delineate geologic contacts having contrasting susceptibilities. The calculation was done in the frequency domain, using Win-Trans FFT algorithms.



Histogram of the Helicopter Ground Clearance



Histogram of the Helicopter Speed

Figure 6: Histogram of the Helicopter Ground Clearance and Speed

7.0 FINAL PRODUCTS

7.1 Maps:

GDS made the base map from information present on published topographic maps. Each map was produced at a scale of 1:20 000 displaying base-map features, flight path and UTM coordinates. Three paper copies of the following final maps were delivered to **HDI**:

- (a) Shaded Total Magnetic Field (colour interval)
- (b) Shaded Magnetic First Vertical Derivative (colour interval)

7.2 Final digital archive of line data:

GDS produced three copies of a CD-ROM containing digital archives and maps (PDF and Geotiff formats). Digital archives, described in Appendix B, contain the Geosoft database of all survey data. The database is referenced to the standard UTM co-ordinates for the area.

GDS store a copy of the digital archive for one year after production of final products. On request by **HDI**, **GDS** will supply raw data from the survey with survey products. Otherwise, **GDS** will store raw data with copy of the digital archive.

7.3 Miscellaneous

Three paper copies of this technical report, with the corresponding digital PDF file, have been produced and delivered to **HDI**.

8.0 CONCLUSIONS

Flown from December 8th to 20th, 2011, the helicopter borne aeromagnetic survey was completed inside the estimated time frame.

All airborne and ground-based records were of excellent quality. Magnetic data acquisition was done in good diurnal conditions.

Noise levels observed on the Total Magnetic Field were well within accepted limits, determined from the fourth difference of the lagged, edited airborne magnetic data.

GPS results proved to be of high quality. The flight path was surveyed accurately and speed checks showed no abnormal jumps in data.

It is hoped that information presented in this report, and on the accompanying products, will be useful both in planning subsequent exploration efforts and in the interpretation of related exploration data.

Respectfully Submitted,



Camille St-Hilaire, M.Sc.A.

P.Geo. no. 339

REFERENCES

Briggs, Ian, 1974, Machine contouring using minimum curvature, *Geophysics*, v.39, pp.39-48.

Minty, B.R.S., 1991, Simple micro-levelling for aeromagnetic data, *Exploration Geophysics*, v. 22, pp. 591-592.

Naudy, H. and Dreyer, H., 1968, Essai de filtrage nonlinéaire appliqué aux profils aeromagnétiques, *Geophysical Prospecting*, v. 16, pp.171-178.

APPENDIX A
TESTING AND CALIBRATION

FOM Test

Location: Houston,BC
Pilot: Carmen
Operator: JY
Compiled by: Saleh

Date: 07-Dec-11
Aircraft: Helicopter B2
Configuration: Front Stinger
Altitude: 3000 m

Sensor - Front Stinger

ORTH (360°)	Fid range	Uncompensated mag (nT)	Compensated mag (nT)	Improv. Ratio
PITCH	82863.1 to 82883.7	0.513	0.154	3.331
ROLL	82916.6 to 82935.7	20.485	0.074	276.824
YAW	82942.0 to 82964.6	4.543	0.108	42.065
TOTAL		25.541	0.336	76.015

West (270°)	Fid range	Uncompensated mag (nT)	Compensated mag (nT)	Improv. Ratio
PITCH	83053.2 to 83077.8	6.905	0.184	37.527
ROLL	83098.0 to 83128.9	19.731	0.154	128.123
YAW	83163.3 to 83198.5	6.178	0.168	36.774
TOTAL		32.814	0.506	64.850

SOUTH (270°)	Fid range	Uncompensated mag (nT)	Compensated mag (nT)	Improv. Ratio
PITCH	83249.9 to 83276.7	6.585	0.493	13.357
ROLL	83284.4 to 83323.7	24.060	0.361	66.648
YAW	83340.5 to 83373.3	10.082	0.214	47.112
TOTAL		40.727	1.068	38.134

East (90°)	Fid range	Uncompensated mag (nT)	Compensated mag (nT)	Improv. Ratio
PITCH	83421.3 to 83459.1	4.106	0.149	27.557
ROLL	83481.6 to 83523.6	19.504	0.131	148.885
YAW	83567.4 to 83617.1	7.391	0.182	40.610
TOTAL		31.001	0.462	67.102

Uncomp. mag (nT)	Comp. mag (nT)	Improv. Ratio
130.083	2.372	54.841

Geo Data Solutions GDS Inc.

ALTIMETER CALIBRATION

Location: Fort St-James

Pilot: Allison Smith

Operator: Pierre Filion

Date: 11-Aug-11

Aircraft: C-FNWE (Helicopter)

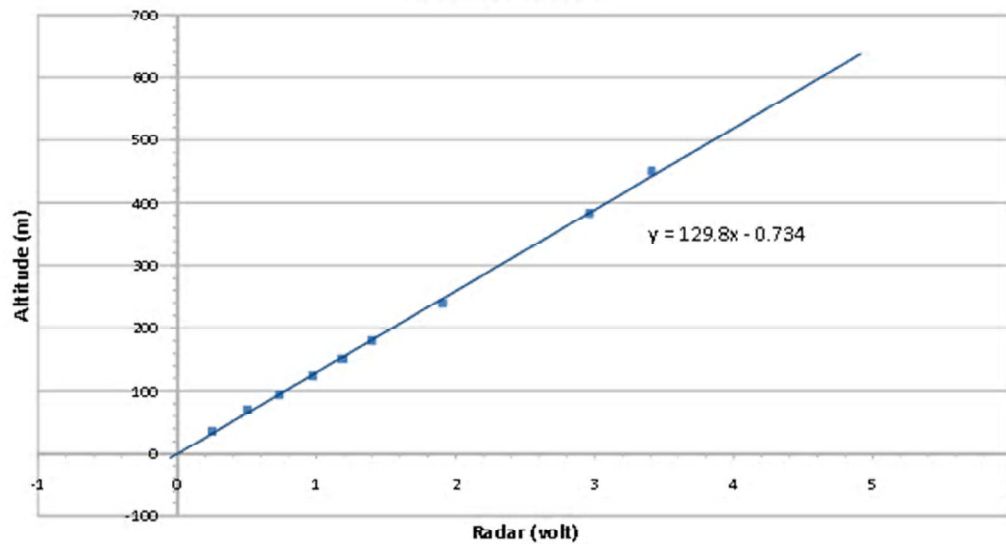
Compiled by: My Phuong Vo

Antenna Height (m): 2.0

Terrain clearance (ft)	Radar raw (volt)	Zgps (m)	Topo (m)	Altitude (m)
100	0.25	756.17	717.87	36.30
200	0.50	788.72	717.75	68.97
300	0.73	814.01	718.15	93.86
400	0.97	844.07	718.05	124.02
500	1.19	870.98	718.11	150.87
600	1.40	897.91	716.46	179.45
800	1.91	960.20	718.77	239.43
1200	2.96	1102.21	717.70	382.51
1500	3.41	1171.89	720.64	449.25

$$\text{radar(m)} = 129.84 \times (\text{volt}) - 0.73$$

Radar vs Altitude

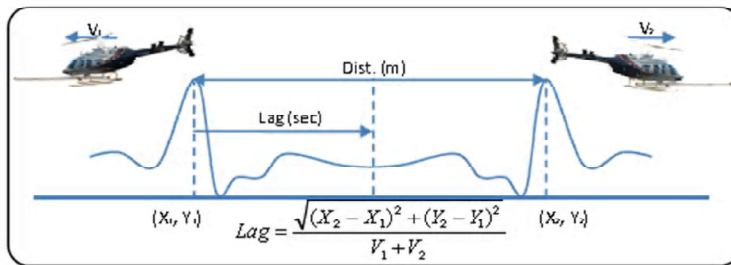


Geo Data Solutions GDS Inc.

LAG Test

Location: Fort St.-James
 Date: Aug. 11, 2011
 Compiled by: My Phuong Vo

Aircraft: C-FNWE (helicopter)
 Configuration: Heli-Mag
 Apply Tail Lag: +0.1



Line Dir	Fiducial (sec)	X (m)	Y (m)	Z (m)	Mag Field (nT)	Vx (m/s)	Vy (m/s)	Speed (m/s)
A) South	84008.00	418072.72	6028112.85	785.98	56754.268	13.60	21.78	25.68
B) North	84045.00	418077.67	6028109.98	771.89	56789.292	-13.44	-19.70	23.85

Ave Speed = 24.76 m/s
 Distance = 5.72 m
 Tail Lag = +0.12 sec

Line Dir	Fiducial (sec)	X (m)	Y (m)	Z (m)	Mag Field (nT)	Vx (m/s)	Vy (m/s)	Speed (m/s)
A) South	84116.00	418075.10	6028115.04	785.13	56781.227	10.56	17.27	20.24
B) North	84171.10	418075.57	6028108.85	779.03	56762.036	-10.15	-15.57	18.59

Ave Speed = 19.41 m/s
 Distance = 6.21 m
 Tail Lag = +0.16 sec

APPENDIX B

**PROFILE DATABASE ARCHIVE
AND CHANNEL DEFINITIONS**

MAGNETIC LINE ARCHIVE CHANNEL DESCRIPTION

Channel	Description	Sampling	Unit	Format
date	Flight date	10Hz	yyyy/mm/dd	d11.0
flt	Flight number	10Hz		s5.0
line	Line number	10Hz		d6.0
UTC	UTC time in second after midnight	10Hz	second	d8.1
xrt	Raw real time easting UTM, WGS84, Zone 9N	10Hz	meters	d9.2
yrt	Raw real time northing UTM, WGS84, Zone 9N	10Hz	meters	d10.2
zrt	Raw real time GPS elevation (MSL)	10Hz	meters	d7.2
lon	Post-processed longitude, WGS84	10Hz	dd.mm.ss.s	d14.2
lat	Post-processed latitude, WGS84	10Hz	dd.mm.ss.s	d13.2
x	Post-processed easting UTM, WGS84, Zone 9N	10Hz	meters	d9.2
y	Post-processed northing UTM, WGS84, Zone 9N	10Hz	meters	d10.2
z	Post-processed GPS elevation – orthometric MSL	10Hz	meters	d7.2
raltc	Corrected radar altimeter	10Hz	meters	d8.2
drape	Drape surface used for height navigation	10Hz	meters	d7.2
DTMc	Digital Terrain Model (levelled)	10Hz	meters	d7.2
baseao	Base A diurnal data original (main base mag)	10Hz	nanoteslas	d10.3
basea	Filtered main base mag	10Hz	nanoteslas	d10.3
mfluxX	Fluxgate X component	10Hz	nanoteslas	d13.3
mfluxY	Fluxgate Y component	10Hz	nanoteslas	d13.3
mfluxZ	Fluxgate Z component	10Hz	nanoteslas	d13.3
MBu	Raw uncompensated mag	10Hz	nanoteslas	d10.3
MBc	Raw compensated mag	10Hz	nanoteslas	d10.3
drift_LF	Low-frequency diurnal correction	10Hz	nanoteslas	d10.3
magbc	Magnetic field, diurnally corrected (TMI)	10Hz	nanoteslas	d10.3
coralt	Altitude correction	10Hz	nanoteslas	d10.3
magalt	Magnetic field, corrected by altitude	10Hz	nanoteslas	d10.3
corlvl	Cumulative tie line mag levelling adjustment	10Hz	nanoteslas	d10.3
maglvl	Levelled mag	10Hz	nanoteslas	d10.3
cormicro	Microleveling correction	10Hz	nanoteslas	d10.3
magmicro	Microleveled mag	10Hz	nanoteslas	d10.3

GRID NAMES

Buck_Magmicro_East.GRD: Grid of the total magnetic field (block East)
 Buck_Magmicro_West.GRD: Grid of the total magnetic field (block West)
 Buck_VG1_Magmicro_East.GRD: Grid of the first vertical derivative (block East)
 Buck_VG1_Magmicro_West.GRD: Grid of the first vertical derivative (block West)

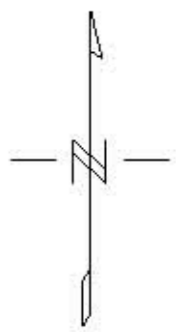
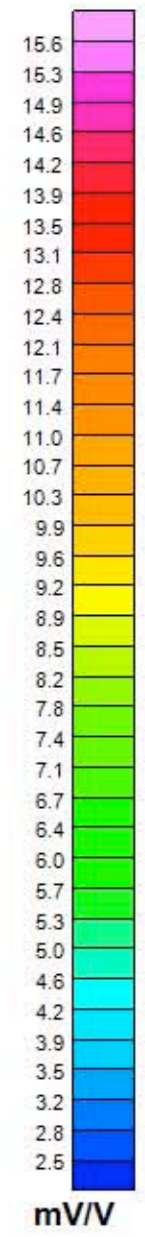
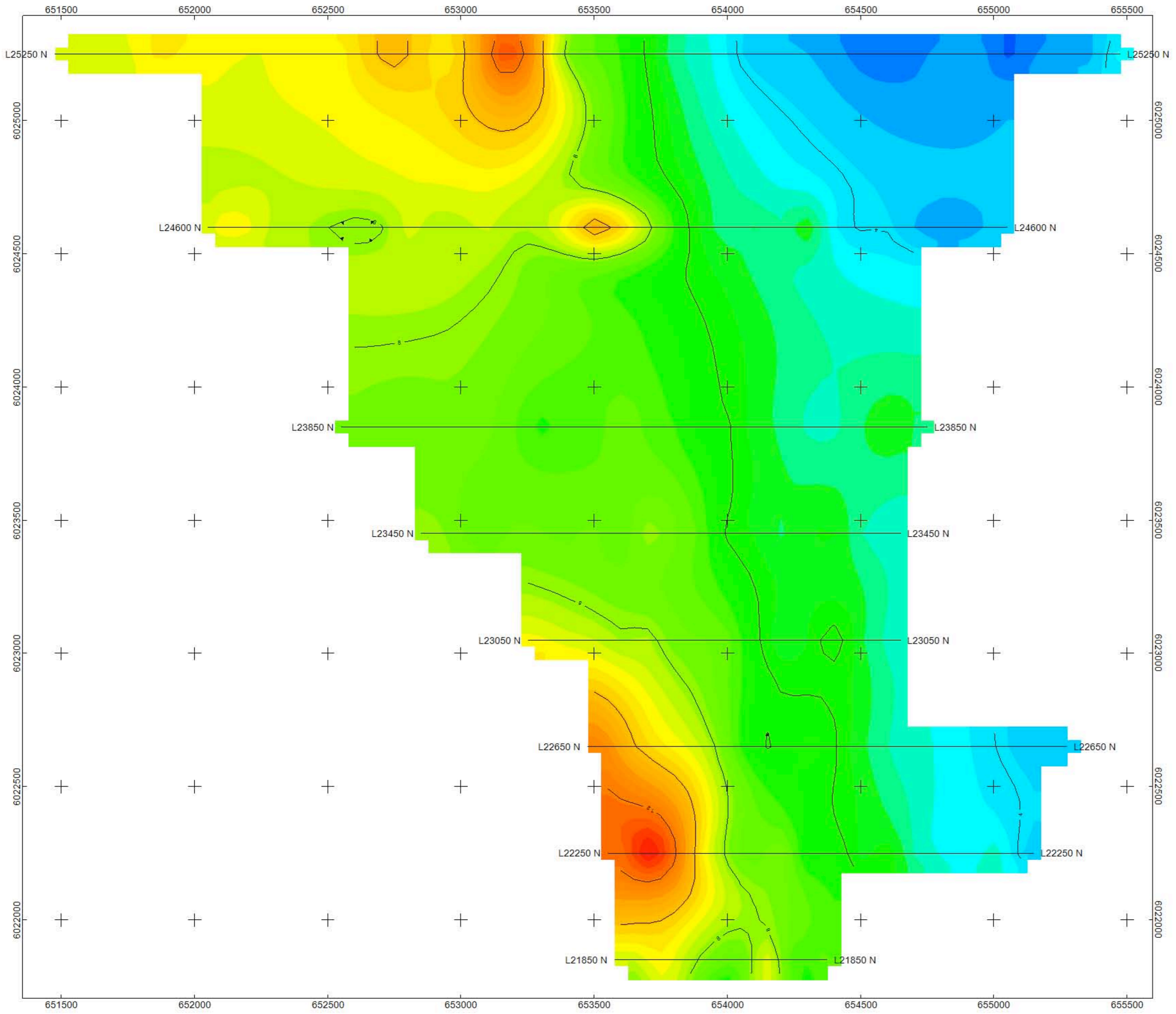
Gridding cell sizes: 50 metres

DATA BASE NAME

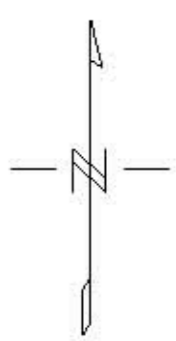
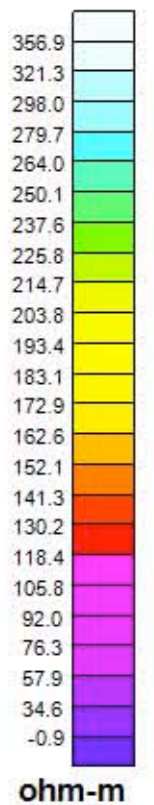
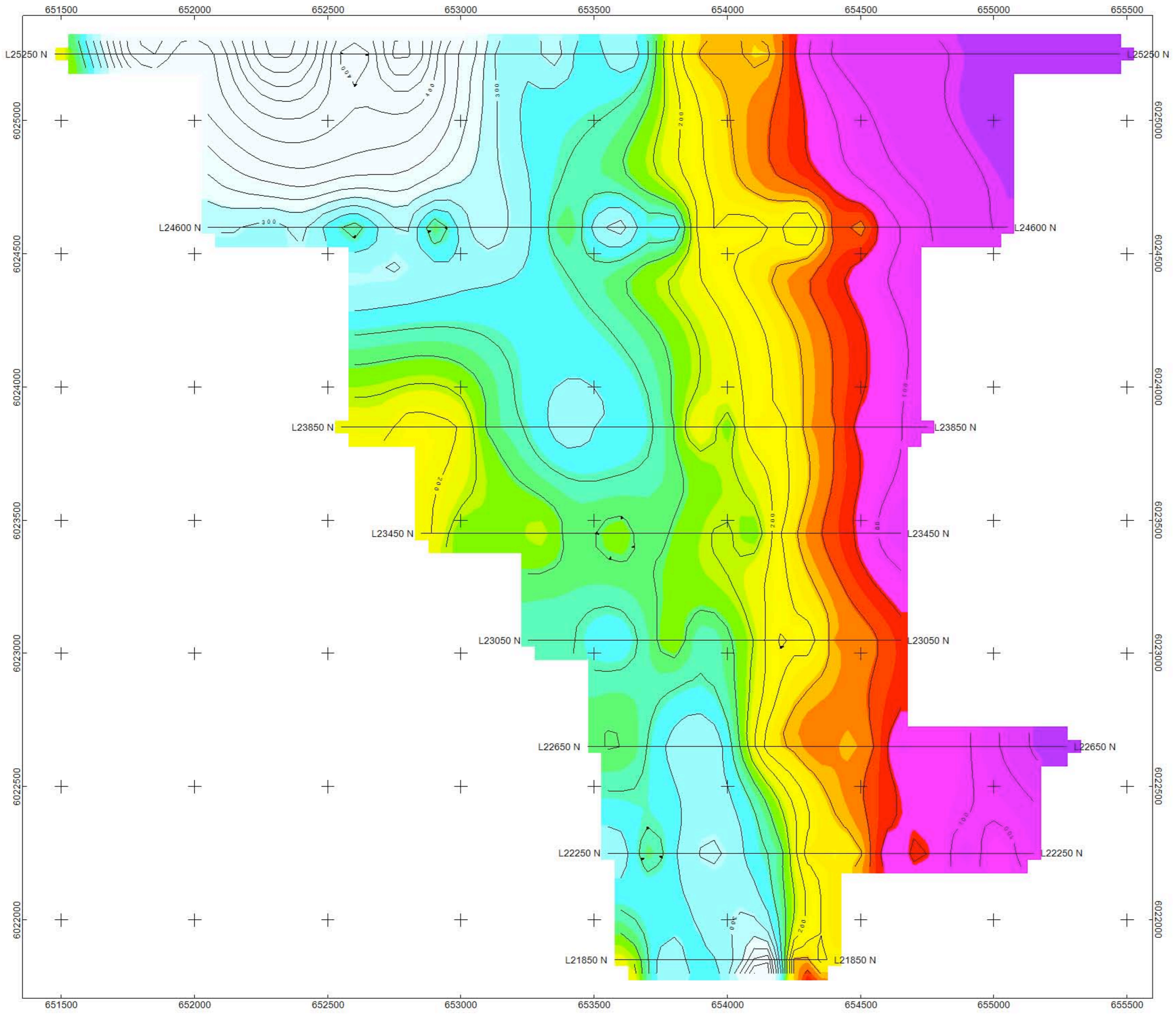
Buck_East.GDB: Data base (block East)
 Buck_West.GDB: Data base (block West)

APPENDIX D

Induced Polarization Survey Maps and Pseudosections



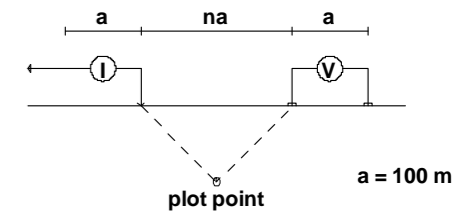
QUARTZ MOUNTAIN RESOURCES
INDUCED POLARIZATION SURVEY
CONTOURS OF APPARENT CHARGEABILITY
21 POINT FILTER
 BUCK PROPERTY
 HOUSTON AREA
 DECEMBER 2011
PETER E. WALCOTT & ASSOCIATES LIMITED



QUARTZ MOUNTAIN RESOURCES
INDUCED POLARIZATION SURVEY
CONTOURS OF APPARENT RESISTIVITY
21 POINT FILTER
 BUCK PROPERTY
 HOUSTON AREA
 DECEMBER 2011
PETER E. WALCOTT & ASSOCIATES LIMITED

210+51 N

Pole-Dipole Array



Filter
*
* *
* * *
* * * *
* * * * *
* * * * * *

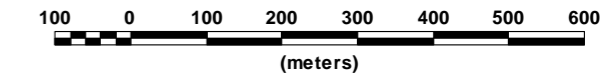
a = 100 m

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

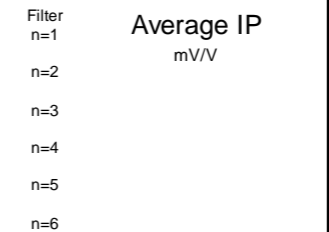
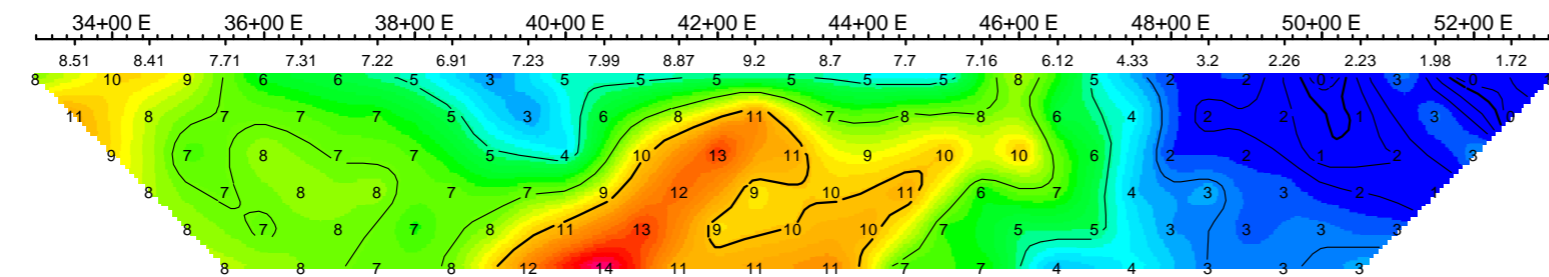
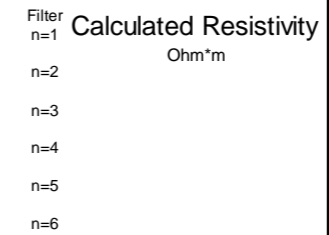
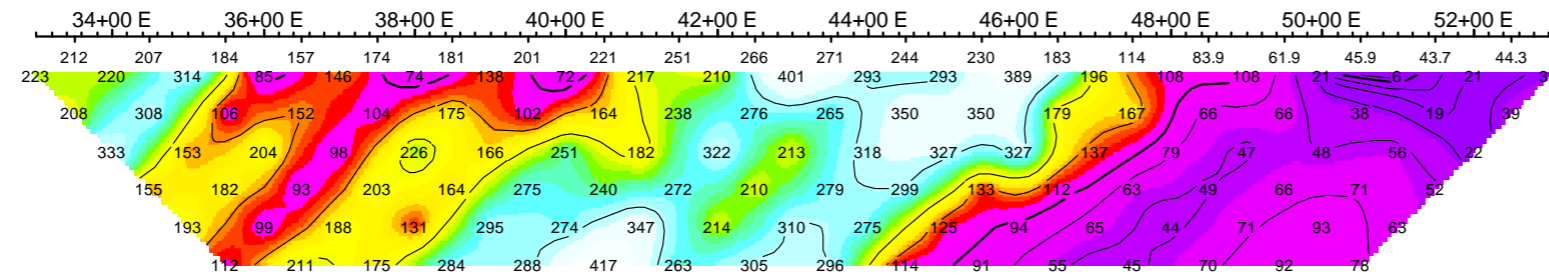
Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

Scale 1:10000



QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT
Date: DECEMBER 2011
Interpretation:
PETER E. WALCOTT & ASSOCIATES LIMITED



Calculated Resistivity
Ohm*m

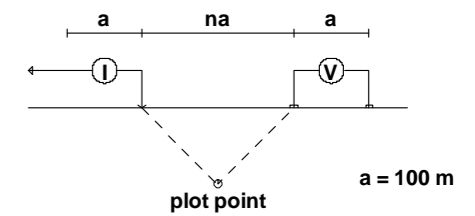
Calculated Resistivity
Ohm*m

Average IP
mV/V

Average IP
mV/V

214+50 N

Pole-Dipole Array



Filter
*
**

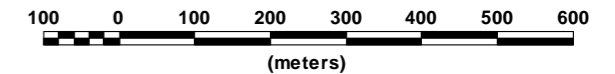
a = 100 m

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

Scale 1:10000

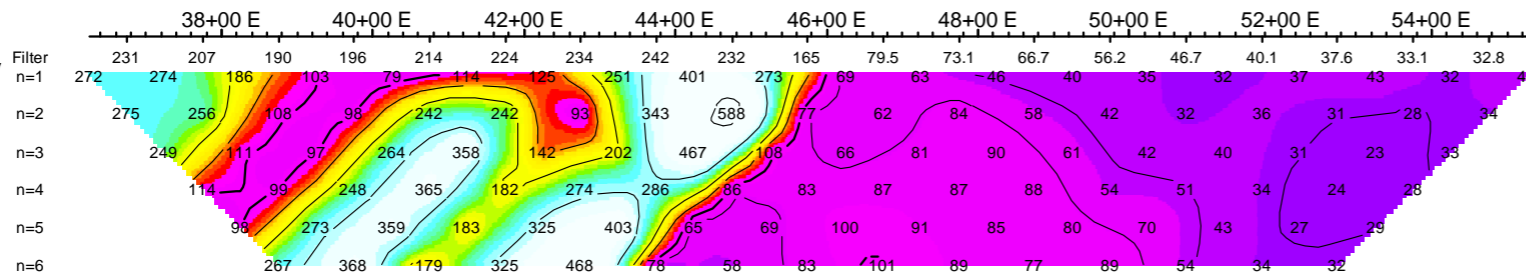


QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

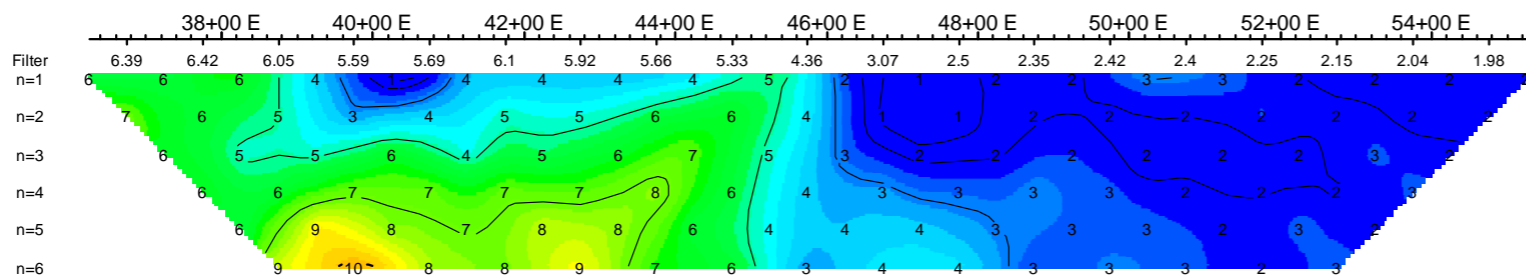
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

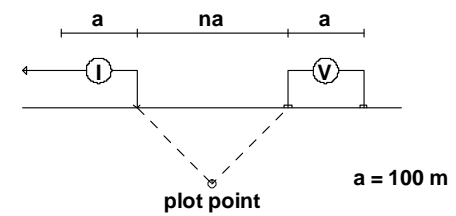


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

218+50 N

Pole-Dipole Array

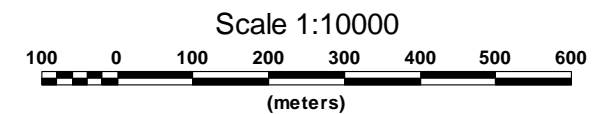


Filter
*
**

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

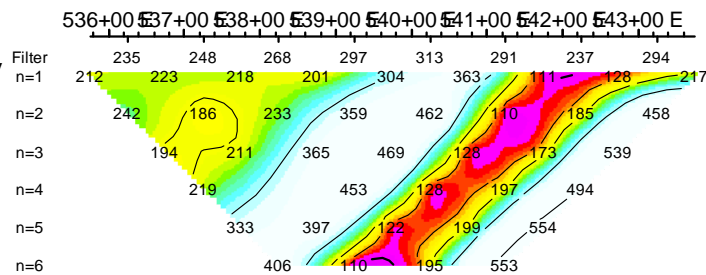


QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

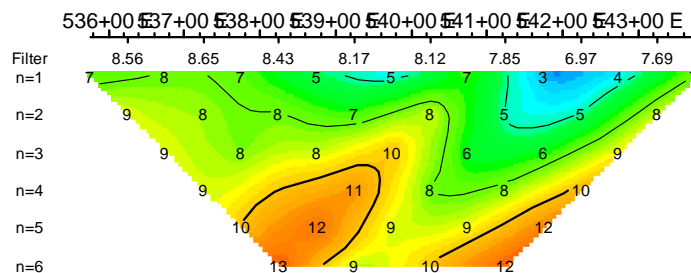
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

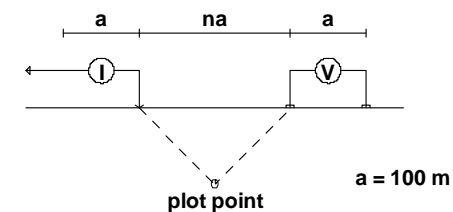


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

218+50 N

Pole-Dipole Array

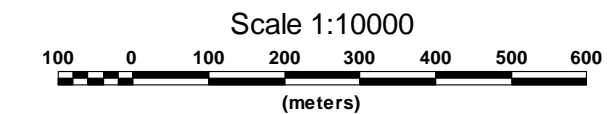


Filter
*
* *
* * *
* * * *
* * * * *
* * * * * *

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

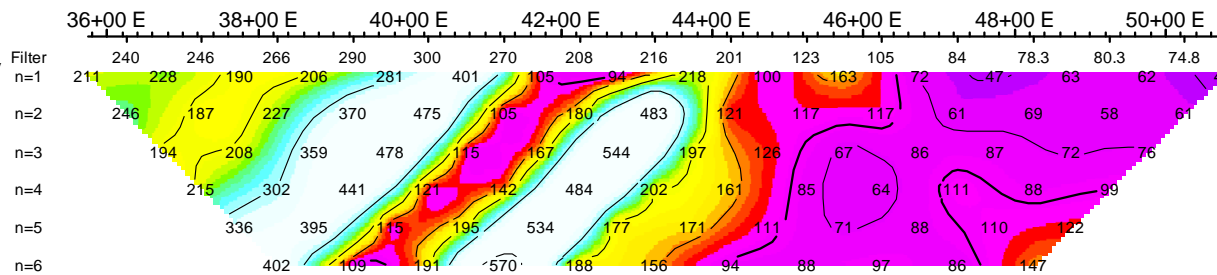


QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

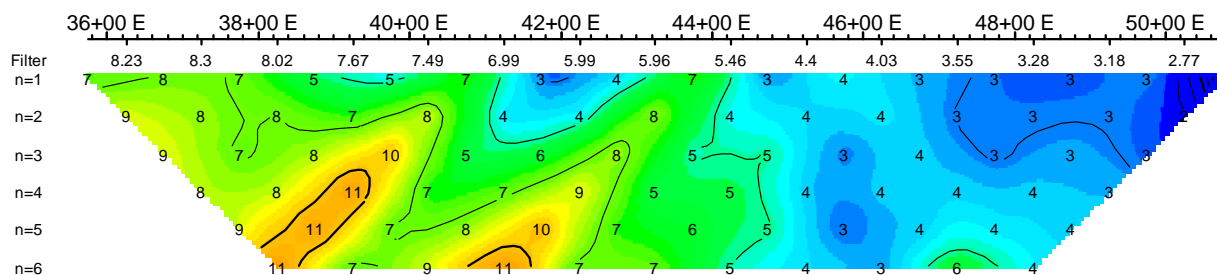
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

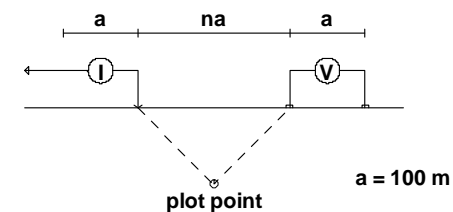


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

222+50 N

Pole-Dipole Array



Filter

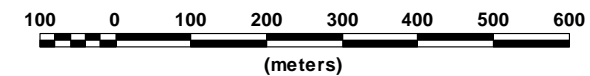
*
* *
* * *
* * * *
* * * * *
* * * * * *

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1, 1.5, 2, 3, 5, 7.5, 10,...

Scale 1:10000

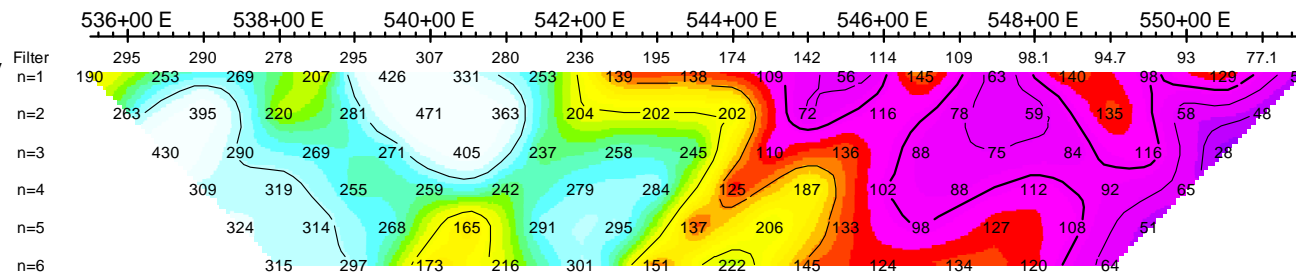


QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

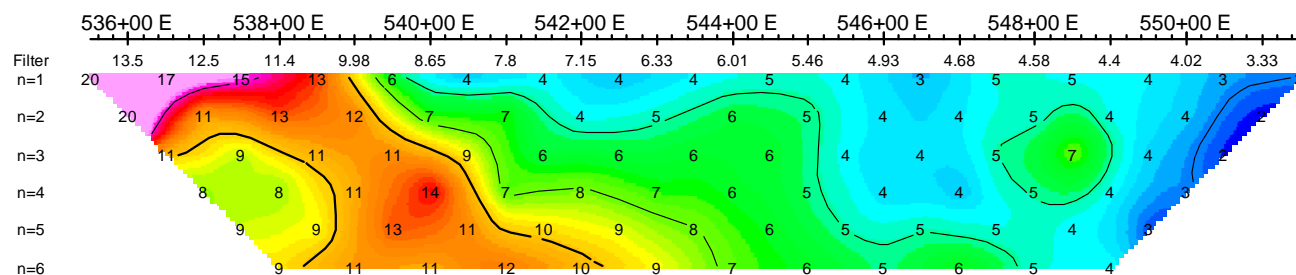
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

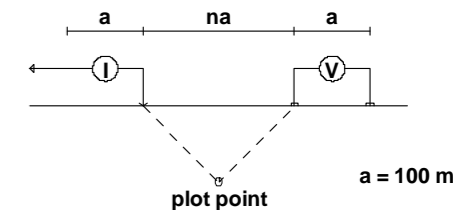


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

226+50 N

Pole-Dipole Array



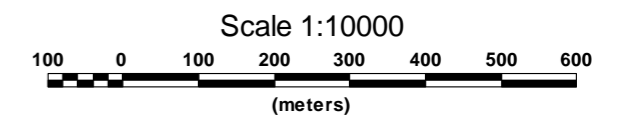
Filter
*
**

a = 100 m

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

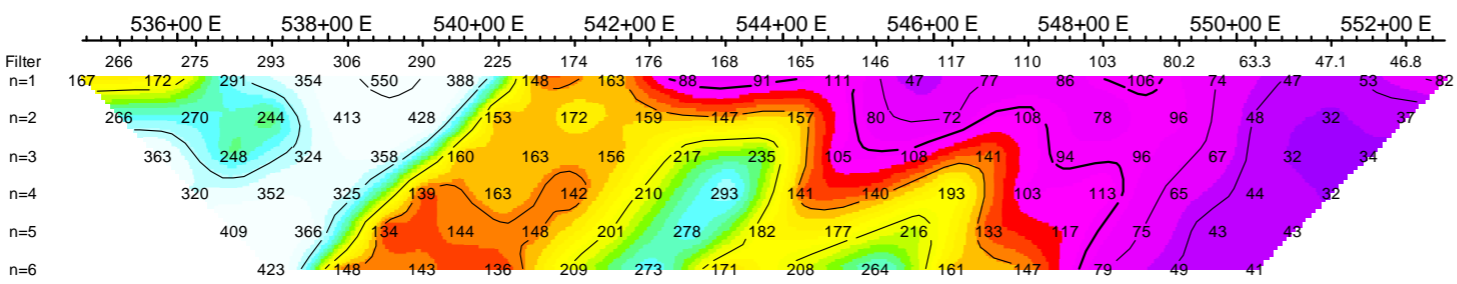
Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...



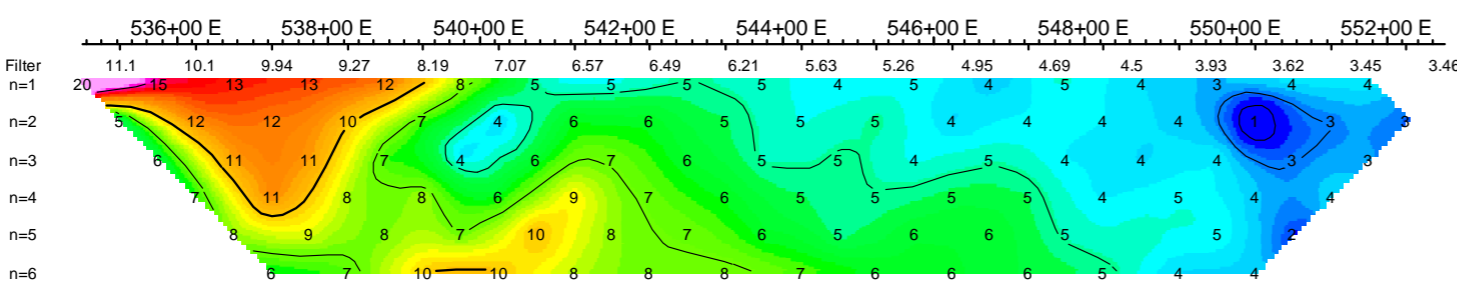
QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT
Date: DECEMBER 2011
Interpretation:
PETER E. WALCOTT & ASSOCIATES LIMITED

Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

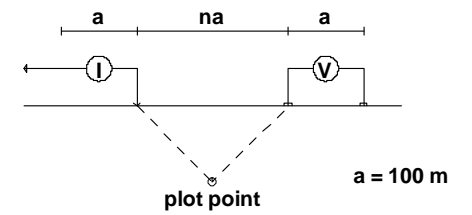
Average IP
mV/V



Average IP
mV/V

230+50 N

Pole-Dipole Array

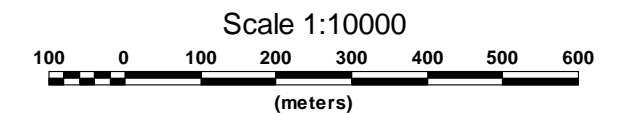


Filter
*
* *
* * *
* * * *
* * * * *
* * * * * *

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

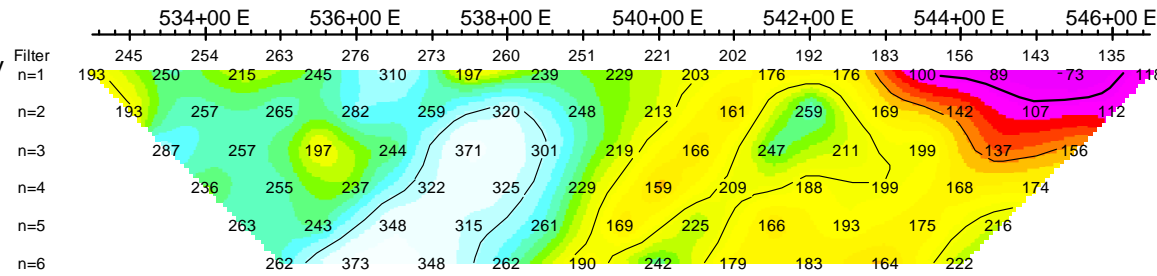


QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

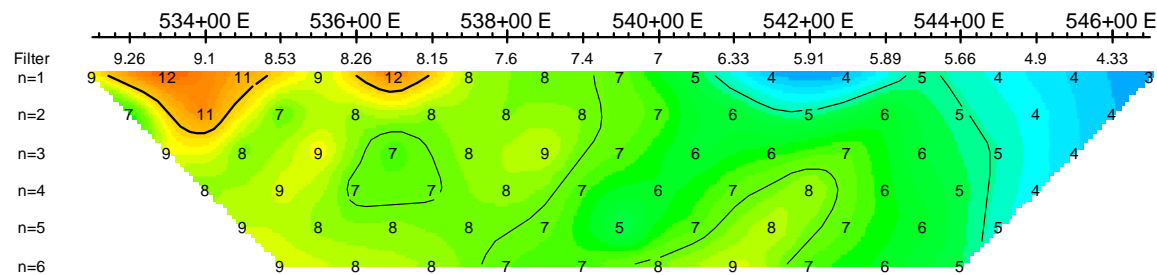
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

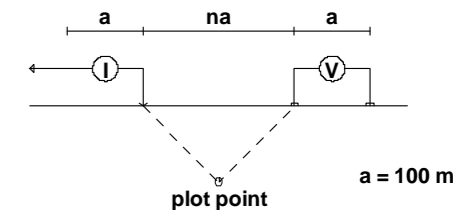


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

234+50 N

Pole-Dipole Array



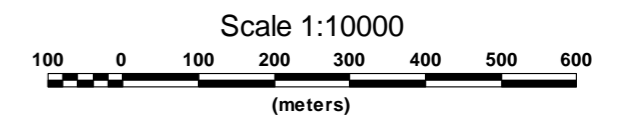
Filter
*
**

a = 100 m

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

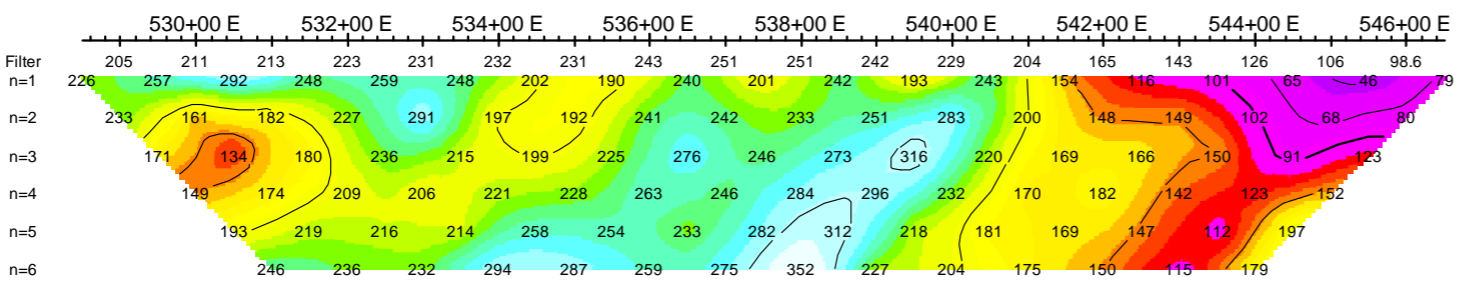
Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...



QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT
Date: DECEMBER 2011
Interpretation:
PETER E. WALCOTT & ASSOCIATES LIMITED

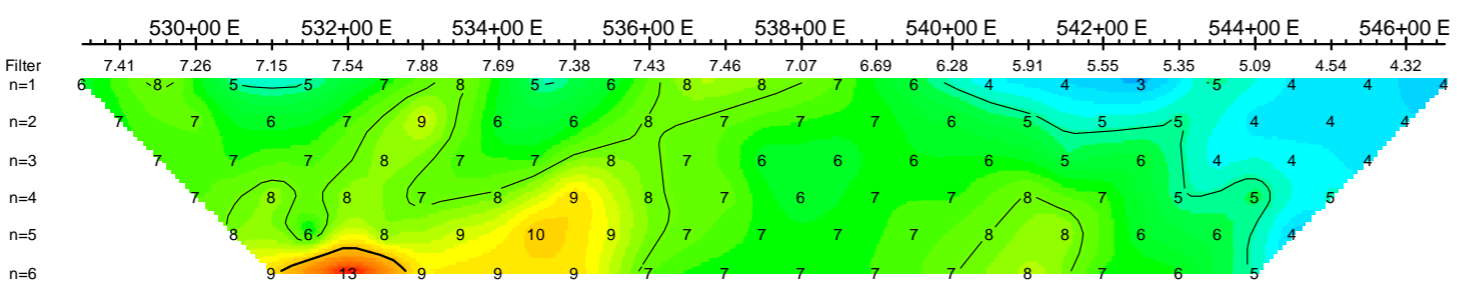
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

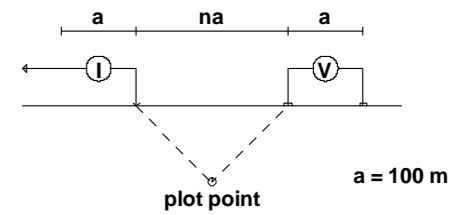


Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

238+50 N

Pole-Dipole Array

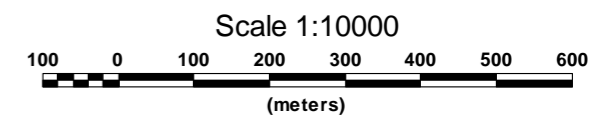


Filter
*
**

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

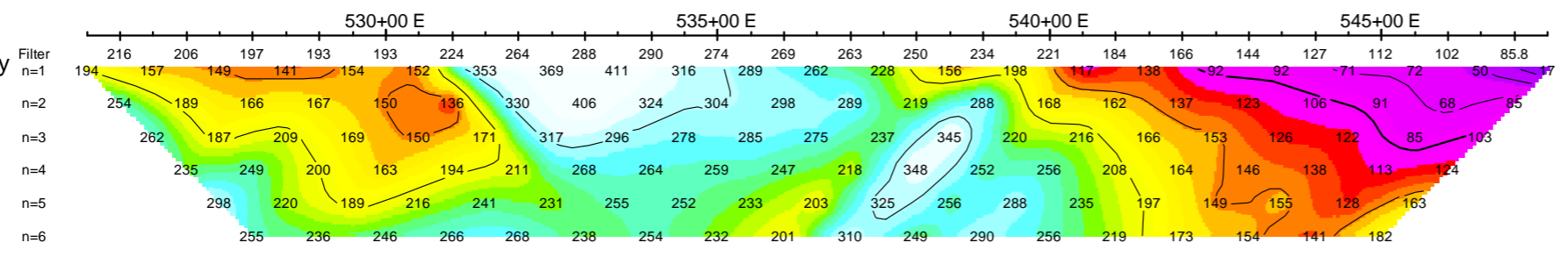
Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...



QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT

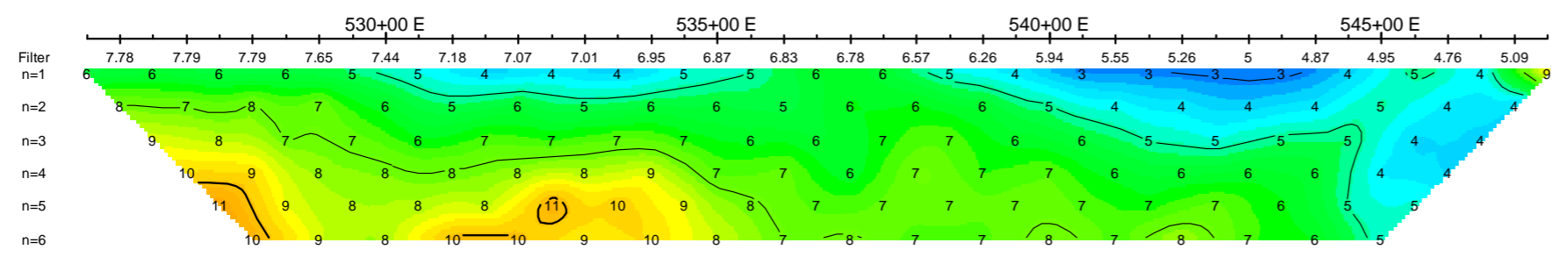
Date: DECEMBER 2011
Interpretation:
PETER E. WALCOTT & ASSOCIATES LIMITED

Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

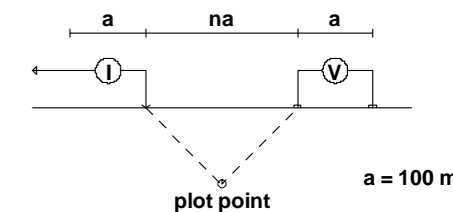
Average IP
mV/V



Average IP
mV/V

246+00 N

Pole-Dipole Array



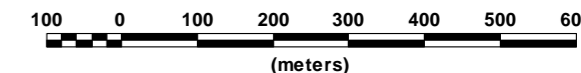
Filter
*
**

Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

Scale 1:10000



QUARTZ MOUNTAIN RESOURCES LTD.

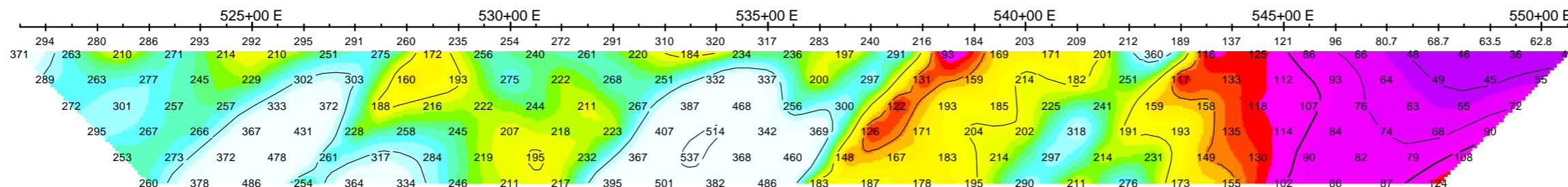
INDUCED POLARIZATION SURVEY
BUCK PROJECT

Date: DECEMBER 2011
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

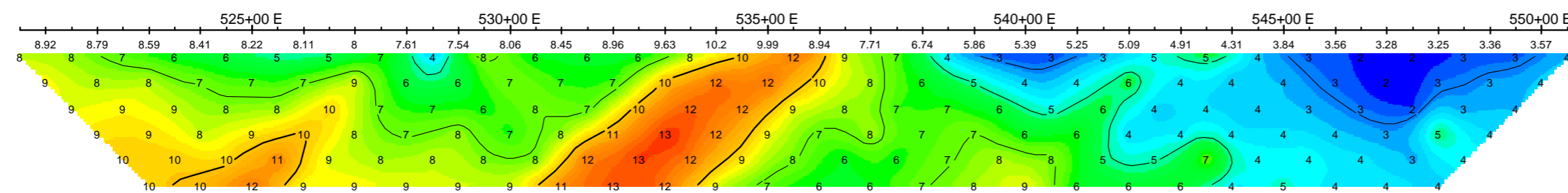


Calculated Resistivity
Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6

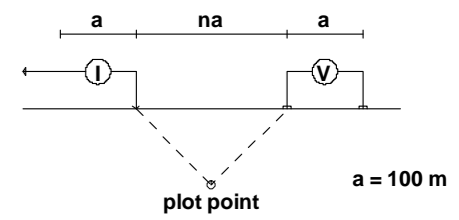


Average IP
mV/V



252+50 N

Pole-Dipole Array

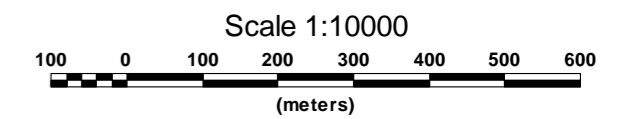


Filter
*
**

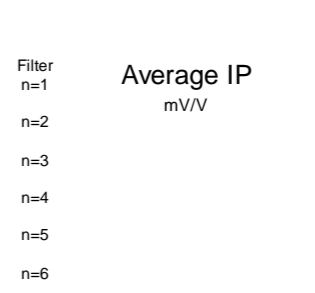
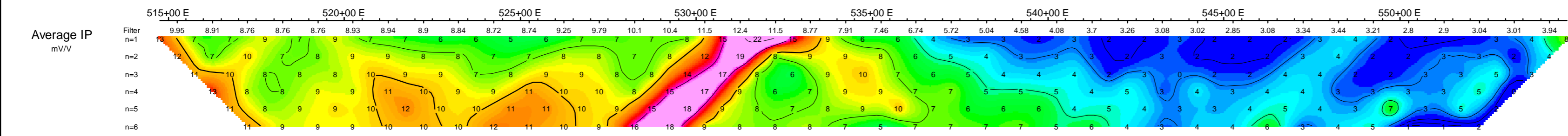
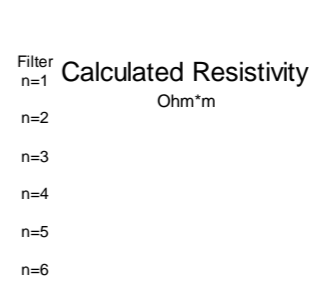
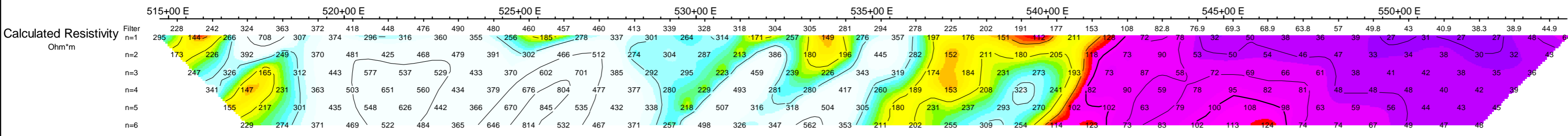
Instruments: GDD 5 kW Tx
GDD 16 & GDD 8 Rx

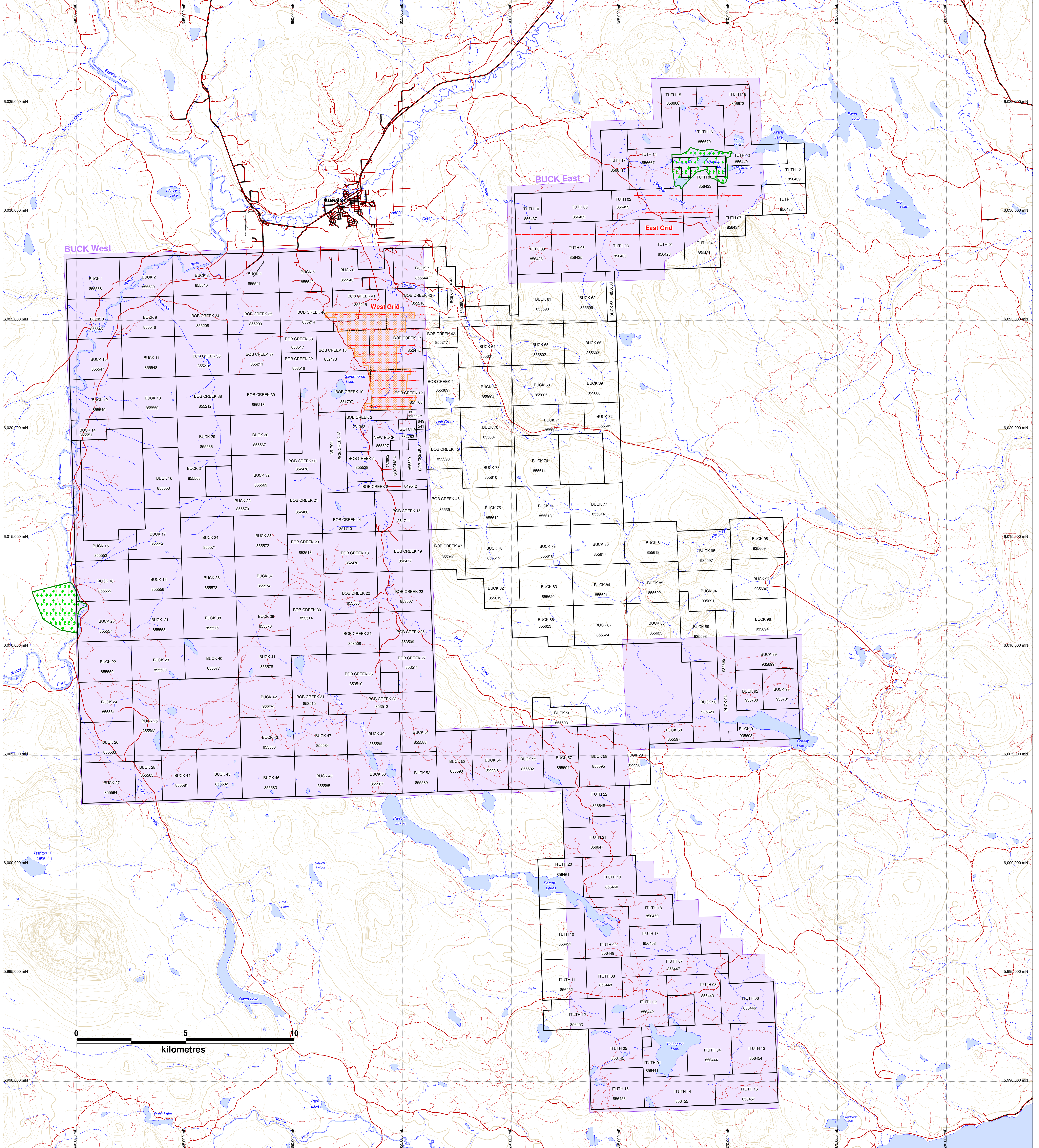
Frequency: 0.125 Hz.
Operators: J.C., M.W., W.E., R.E.

Logarithmic
Contours
1, 1.5, 2, 3, 5, 7.5, 10,...



QUARTZ MOUNTAIN RESOURCES LTD.
INDUCED POLARIZATION SURVEY
BUCK PROJECT
Date: DECEMBER 2011
Interpretation:
PETER E. WALCOTT & ASSOCIATES LIMITED





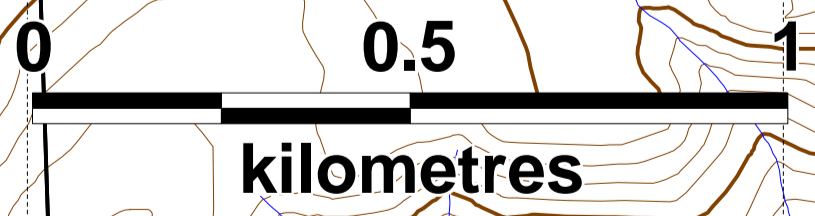
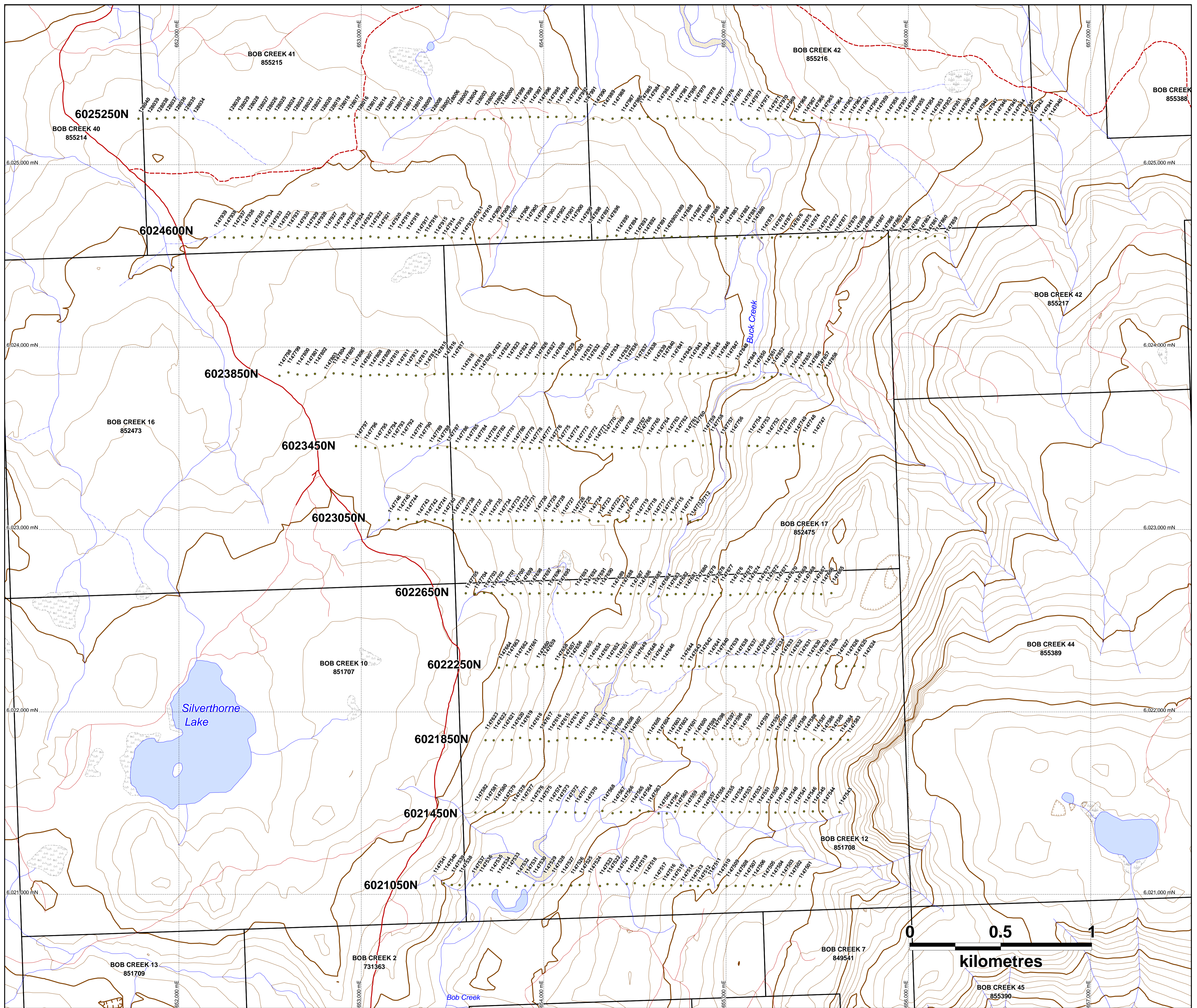
- Park
- Aeromagnetic survey limit
- IP survey limit
- Soil sample
- Claim boundary
- Paved road
- Rough road
- 2 Lane gravel road
- 1 Lane gravel road

HDI QUARTZ MOUNTAIN

**BUCK
Claims**

NTS: 1:50,000
Date: July 12, 2012
BUCK Claims, 491711 WCR
UTM Zone 50R

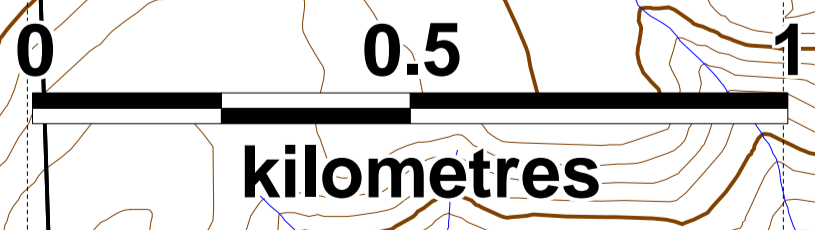
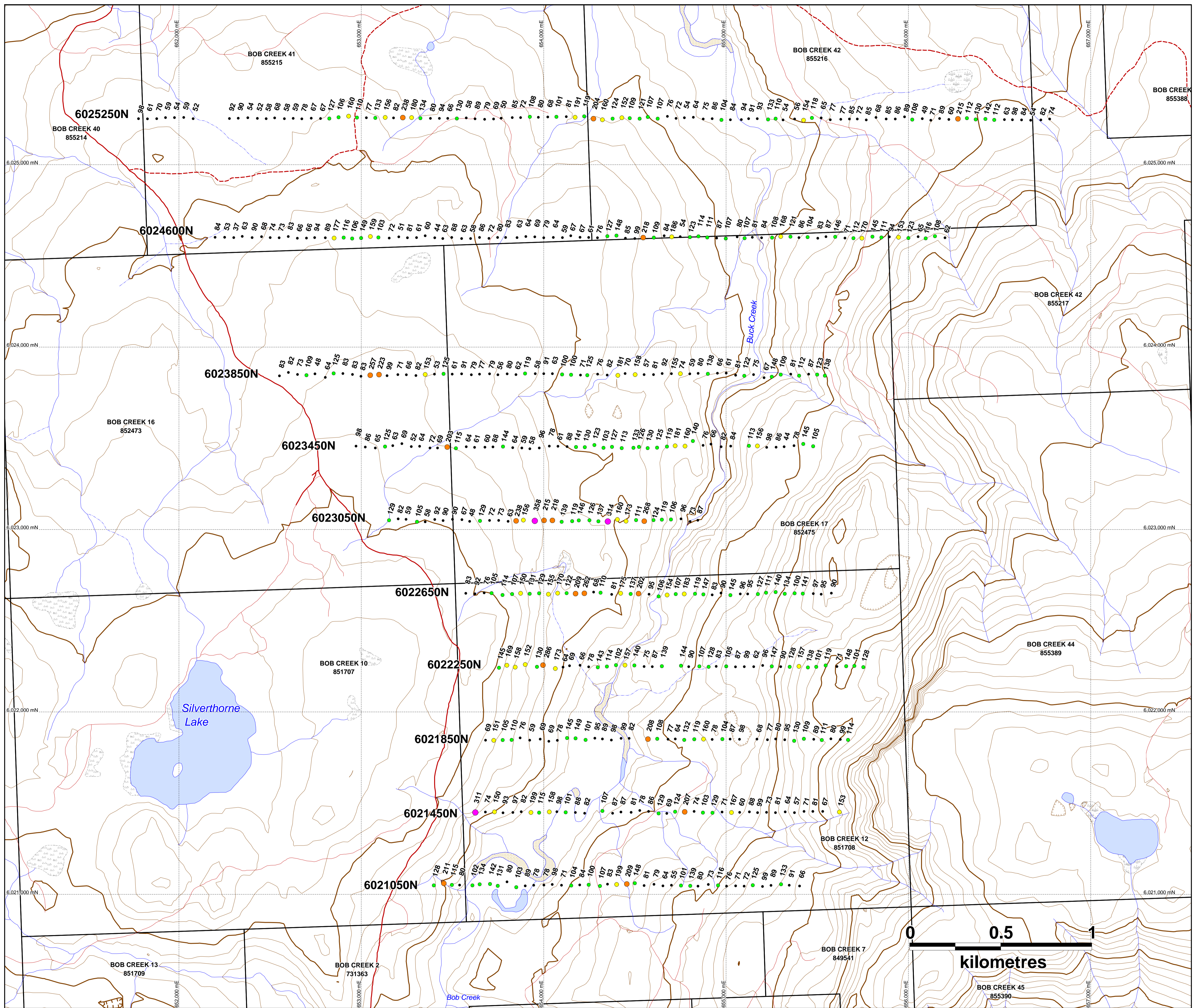
Scale: 1:50,000
Printed by: AGA
Figure: 2



Claim Boundary
 • Soil sample
Sample number posted



HDI QUARTZ MOUNTAIN		
BUCK		
West Grid: Sample Locations		
BCS: 93L 037.38	NTS: 93L/7	Scale: 1:10,000
Date: July 12, 2012	Plotted by: MEM	
BUCK_solresults_AsrRpt(samp_west).WOR		Figure: 4a
UTM NAD83, Zone 9		



Claim Boundary

ppm Zn in Soil

- 300 to 358 (3)
- 200 to 300 (25)
- 150 to 200 (53)
- 100 to 150 (234)
- 0 to 100 (510)

Values Posted

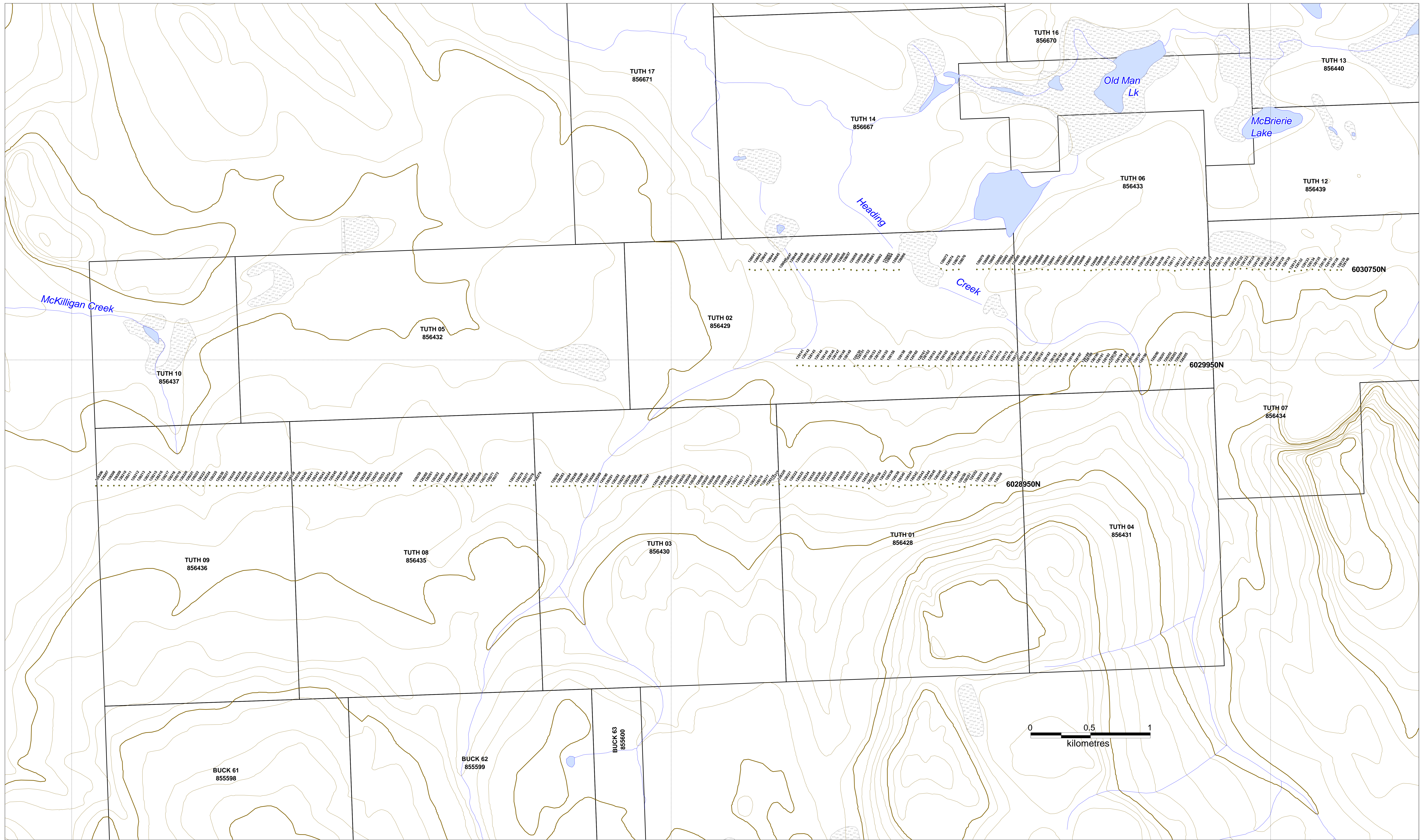


HDI QUARTZ MOUNTAIN

BUCK

West Grid: Zinc in Soil

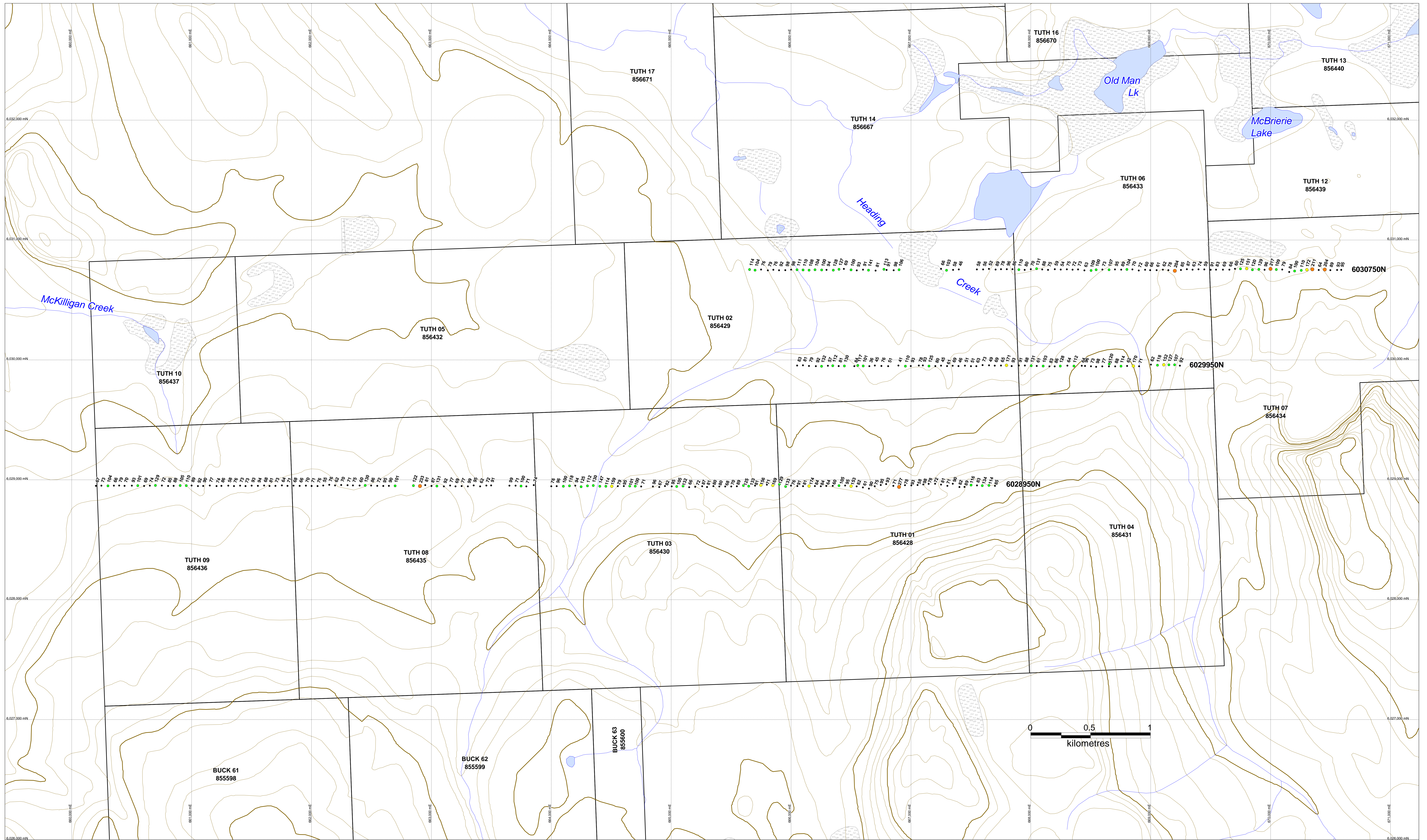
BCOS: 93L 037.38	NTS: 93L/7	Scale: 1:10,000
Date: July 12, 2012	Plotted by: MEM	
BUCK_soilresults_AspRpt(zn_west) WOR		Figure: 4b
UTM NAD83, Zone 9		



Claim Boundary
 • Soil sample
 Sample number posted

HDI QUARTZ MOUNTAIN
BUCK
 East Grid: Sample Locations

BCGS: 93L037_38	NTS: W/LP	Scale: 1:10,000
Date: July 12, 2012	Plotted by: MEM	Figure: 5a



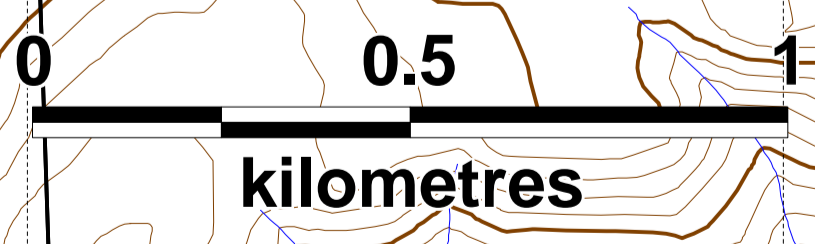
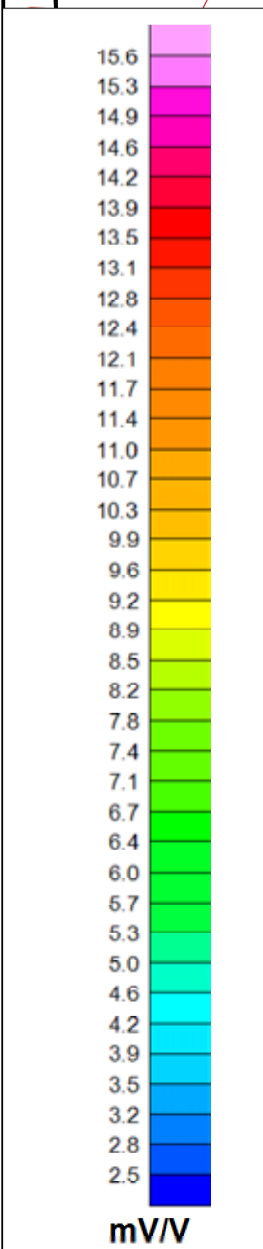
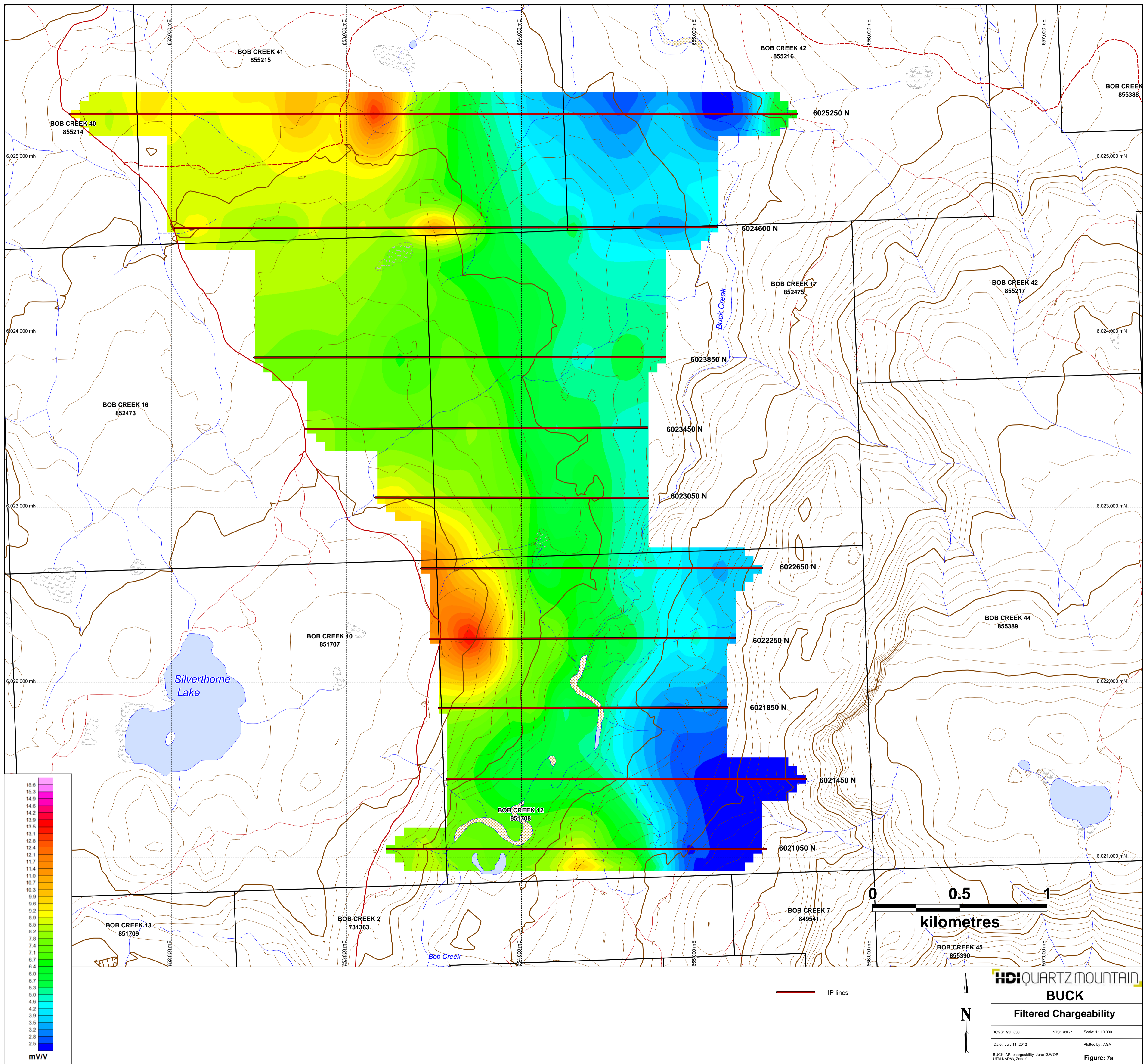
Claim Boundary

- ppm Zn in Soil**
- 300 to 358 (3)
 - 200 to 300 (25)
 - 150 to 200 (53)
 - 50 to 150 (234)
 - 0 to 100 (510)

Values Posted

HDI QUARTZ MOUNTAIN
BUCK
 East Grid: Zinc in Soil

BCGS: 93L037, 36, 48, 49 NTS: 94U7, 8 Scale: 1:10,000
 Date: July 12, 2012 Plotted by: MEM
 BUCK_sdrresults_AnsiMapIn_44481.WDR Figure: 5b

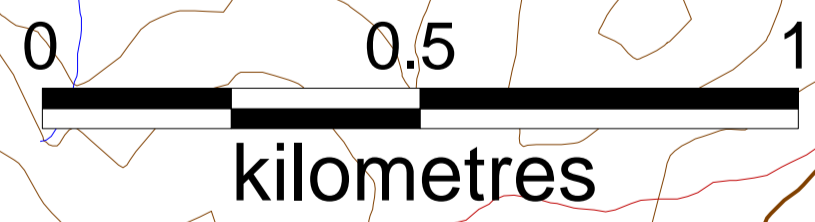
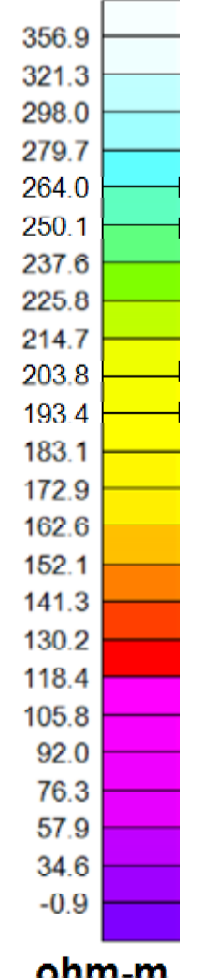
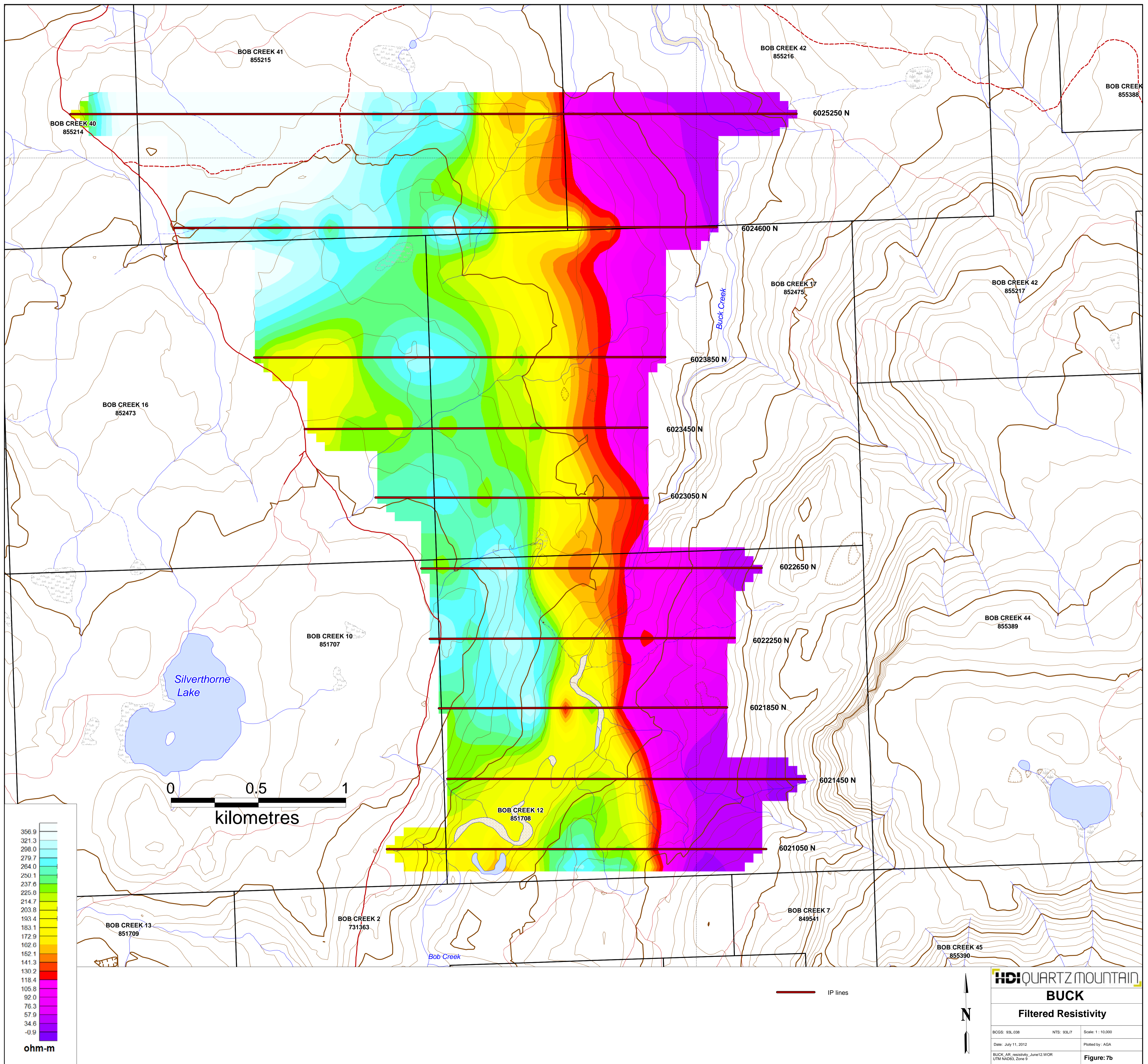


— IP lines



HDI QUARTZ MOUNTAIN
BUCK
Filtered Chargeability

BCOS: 93L 038	NTS: 93U/7	Scale: 1:10,000
Date: July 11, 2012	Plotted by: AGA	
BUCK_AR_chargeability_june12 WOR		UTM NAD83, Zone 9
		Figure: 7a



IP lines



HDI QUARTZ MOUNTAIN
BUCK
Filtered Resistivity

BCOS: 93L 038	NTS: 93U/7	Scale: 1:10,000
Date: July 11, 2012	Plotted by: AGA	
BUCK_AR_resistivity_June12.WOR		Figure: 7b
UTM NAD83, Zone 9		