



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: **Mackevoy Geosciences**

537 Kenneth Street
Victoria BC V8Z 2B6 Canada

Submitted By: Allison Brand
Receiving Lab: Canada-Vancouver
Received: October 01, 2009
Report Date: October 21, 2009
Page: 1 of 9

CERTIFICATE OF ANALYSIS

VAN09004600.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 223

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200	223	Crush split and pulverize 250g drill core to 200 mesh			VAN
7KP	223	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: Mackevoy Geosciences
537 Kenneth Street
Victoria BC V8Z 2B6
Canada

CC:



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



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CERTIFICATE OF ANALYSIS

VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024251	Drill Core	1.21	0.146
024252	Drill Core	2.02	0.307
024253	Drill Core	1.88	<0.005
024254	Drill Core	1.80	0.025
024255	Drill Core	3.20	0.062
024256	Drill Core	1.92	<0.005
024257	Drill Core	2.17	0.054
024258	Drill Core	1.29	<0.005
024259	Drill Core	1.19	0.205
024260	Drill Core	3.89	0.009
024261	Drill Core	3.35	<0.005
024262	Drill Core	2.88	<0.005
024263	Drill Core	2.45	<0.005
024264	Drill Core	3.81	<0.005
024265	Drill Core	2.13	<0.005
024266	Drill Core	1.89	<0.005
024267	Drill Core	2.92	<0.005
024268	Drill Core	1.97	<0.005
024269	Drill Core	1.51	<0.005
024270	Drill Core	2.11	<0.005
024271	Drill Core	3.39	<0.005
024272	Drill Core	3.02	<0.005
024273	Drill Core	2.53	<0.005
024274	Rock	0.31	<0.005
024275	Drill Core	2.29	<0.005
024276	Drill Core	0.78	0.005
024277	Drill Core	3.64	<0.005
024278	Drill Core	2.90	<0.005
024279	Drill Core	1.60	<0.005
024280	Drill Core	4.48	<0.005



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VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024281	Drill Core	3.64	<0.005
024282	Drill Core	3.28	<0.005
024283	Drill Core	1.70	<0.005
024284	Drill Core	1.48	<0.005
024285	Drill Core	2.93	<0.005
024286	Drill Core	3.63	<0.005
024287	Drill Core	3.52	<0.005
024288	Drill Core	0.45	<0.005
024289	Drill Core	0.80	<0.005
024290	Drill Core	0.72	<0.005
024291	Drill Core	2.53	<0.005
024292	Drill Core	3.42	<0.005
024293	Drill Core	2.58	<0.005
024294	Drill Core	3.71	<0.005
024295	Drill Core	3.34	<0.005
024296	Drill Core	2.98	<0.005
024297	Drill Core	2.75	<0.005
024298	Drill Core	2.91	<0.005
024299	Rock	0.67	<0.005
024300	Drill Core	1.03	<0.005
024301	Drill Core	1.67	<0.005
024302	Drill Core	1.46	<0.005
024303	Drill Core	2.51	<0.005
024304	Drill Core	2.40	<0.005
024305	Drill Core	2.47	<0.005
024306	Drill Core	3.26	<0.005
024307	Drill Core	1.09	<0.005
024308	Drill Core	2.17	<0.005
024309	Drill Core	3.62	<0.005
024310	Drill Core	2.09	<0.005



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VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024311	Drill Core	4.85	<0.005
024312	Drill Core	1.77	0.007
024313	Drill Core	0.98	0.012
024314	Drill Core	0.76	<0.005
024315	Drill Core	3.28	<0.005
024316	Drill Core	3.13	<0.005
024317	Drill Core	2.40	0.008
024318	Drill Core	1.80	0.144
024319	Drill Core	2.67	0.128
024320	Drill Core	1.22	0.166
024321	Drill Core	2.18	0.010
024322	Drill Core	0.86	0.041
024323	Drill Core	2.79	0.025
024324	Rock	0.32	<0.005
024325	Drill Core	1.72	0.428
024326	Drill Core	2.64	0.144
024327	Drill Core	0.76	0.419
024328	Drill Core	2.92	<0.005
024329	Drill Core	3.05	<0.005
024330	Drill Core	2.51	<0.005
024331	Drill Core	4.70	<0.005
024332	Drill Core	3.68	<0.005
024333	Drill Core	3.63	<0.005
024334	Drill Core	3.50	<0.005
024335	Drill Core	1.06	<0.005
024336	Drill Core	4.03	0.024
024337	Drill Core	4.50	<0.005
024338	Drill Core	4.51	<0.005
024339	Drill Core	4.46	<0.005
024340	Drill Core	3.25	<0.005



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CERTIFICATE OF ANALYSIS

VAN09004600.1

	Method	WGHT	7KP
Analyte	Wgt	W	
Unit	kg	%	
MDL	0.01	0.005	
024341	Drill Core	4.31	<0.005
024342	Drill Core	4.53	<0.005
024343	Drill Core	5.09	<0.005
024344	Drill Core	4.60	<0.005
024345	Drill Core	4.80	<0.005
024346	Drill Core	4.85	<0.005
024347	Drill Core	4.46	<0.005
024348	Drill Core	0.96	<0.005
024349	Rock	0.20	<0.005
024350	Drill Core	0.51	0.007
024351	Drill Core	0.75	<0.005
024352	Drill Core	2.65	<0.005
024353	Drill Core	3.49	<0.005
024354	Drill Core	3.56	<0.005
024355	Drill Core	2.62	<0.005
024356	Drill Core	2.02	<0.005
024357	Drill Core	3.90	<0.005
024358	Drill Core	2.85	<0.005
024359	Drill Core	2.35	<0.005
024360	Drill Core	4.09	<0.005
024361	Drill Core	2.93	<0.005
024362	Drill Core	2.24	<0.005
024363	Drill Core	2.98	<0.005
024364	Drill Core	2.64	<0.005
024365	Drill Core	3.07	<0.005
024366	Drill Core	2.64	<0.005
024367	Drill Core	0.93	0.585
024368	Drill Core	0.91	<0.005
024369	Drill Core	1.35	0.022
024370	Drill Core	2.42	0.020



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	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024371	Drill Core	1.40	0.028
024372	Drill Core	2.06	0.017
024373	Drill Core	1.23	0.093
024374	Rock	0.19	<0.005
024375	Drill Core	1.96	0.100
024376	Drill Core	2.18	<0.005
024377	Drill Core	0.77	1.297
024378	Drill Core	3.04	0.122
024379	Drill Core	2.24	0.074
024380	Drill Core	2.54	<0.005
024381	Drill Core	0.67	0.527
024382	Drill Core	3.27	0.637
024383	Drill Core	2.11	0.038
024384	Drill Core	2.18	0.026
024385	Drill Core	2.06	0.426
024386	Drill Core	0.67	0.199
024387	Drill Core	2.38	0.202
024388	Drill Core	1.60	<0.005
024389	Drill Core	1.87	0.112
024390	Drill Core	3.23	<0.005
024391	Drill Core	2.19	<0.005
024392	Drill Core	2.76	0.009
024393	Drill Core	0.54	<0.005
024394	Drill Core	2.02	<0.005
024395	Drill Core	2.78	<0.005
024396	Drill Core	2.81	<0.005
024397	Drill Core	2.76	<0.005
024398	Drill Core	2.53	<0.005
024399	Rock	0.22	<0.005
024400	Drill Core	2.12	<0.005



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	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024401	Drill Core	3.87	<0.005
024402	Drill Core	3.90	<0.005
024403	Drill Core	4.26	<0.005
024404	Drill Core	4.25	<0.005
024405	Drill Core	4.18	<0.005
024406	Drill Core	4.23	<0.005
024407	Drill Core	3.80	<0.005
024408	Drill Core	4.17	<0.005
024409	Drill Core	4.38	<0.005
024410	Drill Core	3.97	<0.005
024411	Drill Core	4.19	<0.005
024412	Drill Core	3.95	<0.005
024413	Drill Core	3.77	<0.005
024414	Drill Core	1.22	<0.005
024415	Drill Core	2.66	<0.005
024416	Drill Core	2.89	<0.005
024417	Drill Core	2.39	<0.005
024418	Drill Core	3.03	<0.005
024419	Drill Core	2.28	<0.005
024420	Drill Core	2.47	<0.005
024421	Drill Core	2.73	<0.005
024422	Drill Core	3.00	<0.005
024423	Drill Core	2.46	<0.005
024424	Rock	0.35	<0.005
024425	Drill Core	1.95	<0.005
024426	Drill Core	3.23	<0.005
024427	Drill Core	2.88	<0.005
024428	Drill Core	3.43	<0.005
024429	Drill Core	2.23	<0.005
024430	Drill Core	0.62	<0.005



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VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024431	Drill Core	3.12	<0.005
024432	Drill Core	2.46	<0.005
024433	Drill Core	2.14	<0.005
024434	Drill Core	3.29	<0.005
024435	Drill Core	2.92	<0.005
024436	Drill Core	3.51	<0.005
024437	Drill Core	2.13	<0.005
024438	Drill Core	1.01	<0.005
024439	Drill Core	2.55	0.005
024440	Drill Core	0.90	<0.005
024441	Drill Core	0.73	<0.005
024442	Drill Core	2.85	<0.005
024443	Drill Core	3.53	<0.005
024444	Drill Core	3.17	<0.005
024445	Drill Core	3.69	<0.005
024446	Drill Core	3.42	<0.005
024447	Drill Core	1.78	<0.005
024448	Drill Core	0.82	0.010
024449	Rock	0.56	<0.005
024450	Drill Core	3.14	<0.005
024451	Drill Core	2.78	<0.005
024452	Drill Core	2.66	<0.005
024453	Drill Core	2.53	<0.005
024454	Drill Core	1.96	<0.005
024455	Drill Core	0.98	<0.005
024456	Drill Core	1.24	<0.005
024457	Drill Core	1.59	<0.005
024458	Drill Core	2.51	<0.005
024459	Drill Core	3.42	<0.005
024460	Drill Core	2.21	<0.005



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VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
024461	Drill Core	3.05	<0.005
024462	Drill Core	2.57	<0.005
024463	Drill Core	2.34	<0.005
024464	Drill Core	1.19	0.039
024465	Drill Core	3.30	<0.005
024466	Drill Core	1.41	<0.005
024467	Drill Core	2.20	<0.005
024468	Drill Core	1.22	<0.005
024469	Drill Core	2.54	<0.005
024470	Drill Core	2.99	<0.005
024471	Drill Core	2.44	<0.005
024472	Drill Core	1.10	<0.005
024473	Rock	1.10	<0.005



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QUALITY CONTROL REPORT

VAN09004600.1

	Method	WGHT	7KP
	Analyte	Wgt	W
	Unit	kg	%
	MDL	0.01	0.005
Pulp Duplicates			
024274	Rock	0.31	<0.005
REP 024274	QC		<0.005
024303	Drill Core	2.51	<0.005
REP 024303	QC		<0.005
024321	Drill Core	2.18	0.010
REP 024321	QC		0.012
024364	Drill Core	2.64	<0.005
REP 024364	QC		<0.005
REP 024397	QC		<0.005
024471	Drill Core	2.44	<0.005
REP 024471	QC		<0.005
Core Reject Duplicates			
024257	Drill Core	2.17	0.054
DUP 024257	QC		0.065
024292	Drill Core	3.42	<0.005
DUP 024292	QC		<0.005
024327	Drill Core	0.76	0.419
DUP 024327	QC		0.393
024362	Drill Core	2.24	<0.005
DUP 024362	QC		<0.005
024397	Drill Core	2.76	<0.005
DUP 024397	QC		<0.005
024432	Drill Core	2.46	<0.005
DUP 024432	QC		<0.005
024467	Drill Core	2.20	<0.005
DUP 024467	QC		<0.005
Reference Materials			
STD NBLG	Standard		<0.005



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QUALITY CONTROL REPORT

VAN09004600.1

		WGHT	7KP
		Wgt	W
		kg	%
		0.01	0.005
STD NBLG	Standard		<0.005
STD NBLG	Standard		<0.005
STD NBLG	Standard		<0.005
STD NBLG	Standard		<0.005
STD NBLG	Standard		<0.005
STD NBLG	Standard		<0.005
STD W107	Standard		0.461
STD W107	Standard		0.453
STD W107	Standard		0.442
STD W107	Standard		0.428
STD W107	Standard		0.445
STD W107	Standard		0.442
STD W107	Standard		0.457
STD W107 Expected			0.42
BLK	Blank		<0.005
BLK	Blank		<0.005
BLK	Blank		<0.005
BLK	Blank		<0.005
BLK	Blank		<0.005
BLK	Blank		<0.005
Prep Wash			
G1	Prep Blank	<0.01	<0.005
G1	Prep Blank	<0.01	<0.005