

GEOCHEMICAL REPORT

on the

MARIPOSA PROPERTY

Quartz Claims

GROUP A

CIGAR 1-12, RUM RUN 1, 3-13, 15, 17, 19, 21-40, 43-49, 53-58

TOLUAMIDE 1-22, 59-64

YC63021-63032, YC17658, 17660-17670, YC17672, YC17676,

YC20192-20211, YC20214, YC36188, YC20216, YC36189,

YC20218, YC36190, YC20220, YC20222-20227,

YC75987-76008, YC76045-76050

GROUP B

TOLUAMIDE 23-58

YC76009-76044

Dawson Mining District, Yukon

Owner: Gordon G Richards

Claim Sheet No 1150/01, 1150/02, 115J/16
Latitude 63° 00' N, Longitude 138° 32' W

written by
Gordon G Richards

work performed
August 1-7, 2009
by Gordon Richards

work paid for by Gordon Richards

January 27, 2010

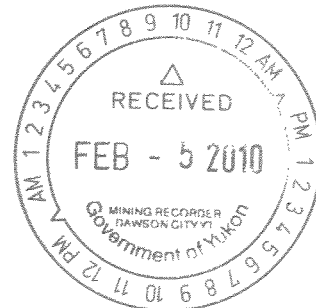


TABLE OF CONTENTS

	Page
LOCATION AND ACCESS	5
CLAIMS	5
HISTORY	9
GEOLOGY	10
PREVIOUS WORK	13
CURRENT WORK	14
RESULTS	15
CONCLUSIONS	17
RECOMMENDATIONS	18
STATEMENT OF COSTS	19
STATEMENT OF QUALIFICATIONS	20

LIST OF FIGURES

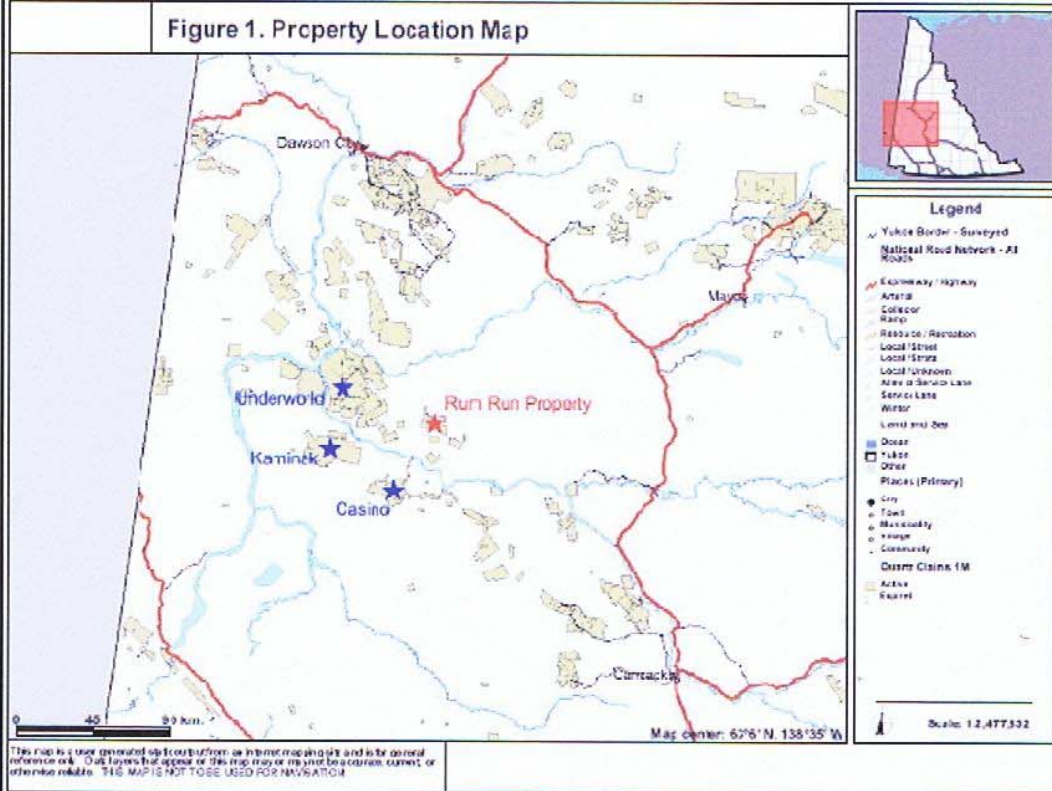
Figure 1. Property Location Map	3
Figure 2. Claim Map.	4
Figure 3. Sample Location Map	In Pocket
Figure 4. Gold Anomaly Map	In Pocket

LIST OF TABLES

Table 1. Group A Claims	5
Table 2. Group B Claims	8
Table 3. Rock Sample Descriptions – Group A Claims	16
Table 4. Rock Sample Descriptions – Group B Claims	17

APPENDIX-GEOCHEMICAL RESULTS

Figure 1. Property Location Map

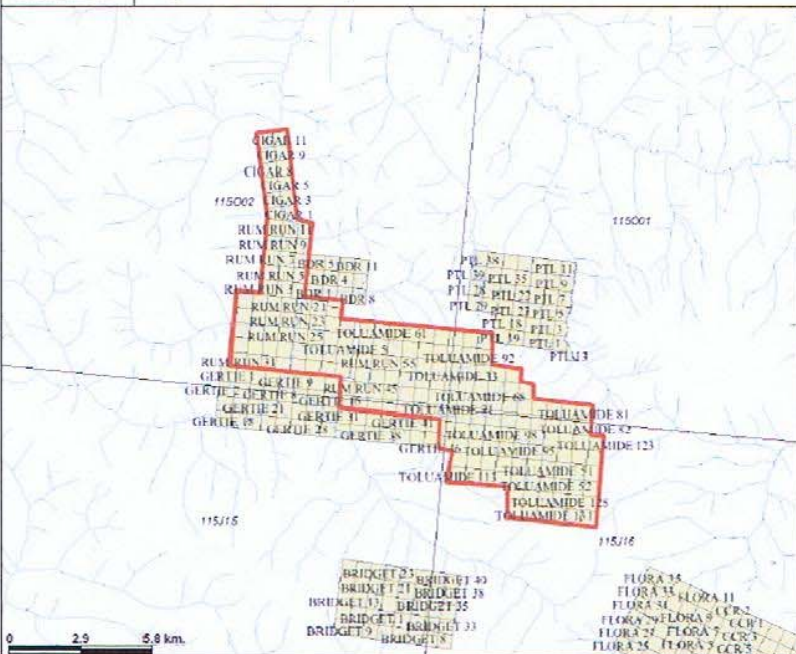




Yukon Border • Surveyed

- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Streets
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter
- Waterbodies (50k)
- Dry river bed
- Navigable canal
- Sand
- Water disturbance
- Waterbody
- Waterbody
- Places (All)
- City
- Town
- Municipality
- Village
- Community
- Settlement
- Native Settlement
- Hamlet
- Historic Site
- Quartz Claims2
- Active
- Expired

Scale: 1:163 330



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

Date Printed: 26-03-2010 10:44:40 AM

LOCATION AND ACCESS.

The claims are located 70 km south of the Dawson City airport along Scroggie Creek on map sheets 115O/1 & 2, 110J/15 & 16. See Figures 1 and 2. The property is accessible by fixed-wing aircraft from Dawson City to a 750-meter long north-south airstrip along Scroggie Creek in the west-center of the claims. The property is usually accessible in summer by ATV from Pelly Farm on the north side of Pelly River, 40 km west of Pelly Crossing. This is a four hour trip over 90 km of the old Dawson Trail to the mouth of Walhalla Creek and then over a 14 km dirt road along the ridge tops east of Scroggie Creek arriving at Scroggie Creek on RUM RUN 13 where a placer mining camp is also situated. From here access by ATV over existing placer mining roads is possible along Scroggie and Mariposa Creeks.

CLAIMS.

The following quartz claims, owned by Gordon G Richards, occur on NTS map sheets 115O/01 & 02, 115J/15 & 16 within the Dawson Mining District. Current expiry dates after work described in this report has been applied are provided on the following tables. Refer to Figure 2. Work has been applied on two groups (Group A and Group B) as there was open ground between the two groups at the time of filing the work. Five fractions were staked and recorded subsequent to filing the work along with 74 other Toluamide claims. Work was paid for by Gordon Richards.

Table 1. Group A Claims

Grant #	ClaimName	Claim #	RecordingDate	ExpiryDate	Status	NTS Map	Ops #
YC17658	Rum Run	1	16/09/1999	16/09/2014	Active	115O02	116187
YC17660	Rum Run	3	16/09/1999	16/09/2014	Active	115O02	116189
YC17661	Rum Run	4	16/09/1999	16/09/2014	Active	115O02	116190
YC17662	Rum Run	5	16/09/1999	16/09/2014	Active	115O02	116191
YC17663	Rum Run	6	16/09/1999	16/09/2014	Active	115O02	116192
YC17664	Rum Run	7	16/09/1999	16/09/2014	Active	115O02	116193
YC17665	Rum Run	8	16/09/1999	16/09/2014	Active	115O02	116194
YC17666	Rum Run	9	16/09/1999	16/09/2014	Active	115O02	116195
YC17667	Rum Run	10	16/09/1999	16/09/2014	Active	115O02	116196
YC17668	Rum Run	11	16/09/1999	16/09/2014	Active	115O02	116197
YC17669	Rum Run	12	16/09/1999	16/09/2014	Active	115O02	116198
YC17670	Rum Run	13	16/09/1999	16/09/2014	Active	115O02	116199
YC17672	Rum Run	15	16/09/1999	16/09/2014	Active	115O02	116201

Grant #	ClaimName	Claim #	RecordingDate	ExpiryDate	Status	NTS	
						Map	Ops #
YC17676	Rum Run	19	16/09/1999	16/09/2014	Active	115O02	116205
YC20192	Rum Run	21	29/06/2000	29/06/2014	Active	115O02	120181
YC20193	Rum Run	22	29/06/2000	29/06/2014	Active	115O02	120182
YC20194	Rum Run	23	29/06/2000	29/06/2014	Active	115O02	120183
YC20195	Rum Run	24	29/06/2000	29/06/2014	Active	115O02	120184
YC20196	Rum Run	25	29/06/2000	29/06/2014	Active	115O02	120185
YC20197	Rum Run	26	29/06/2000	29/06/2014	Active	115O02	120186
YC20198	Rum Run	27	29/06/2000	29/06/2014	Active	115O02	120187
YC20199	Rum Run	28	29/06/2000	29/06/2014	Active	115O02	120188
YC20200	Rum Run	29	29/06/2000	29/06/2014	Active	115O02	120189
YC20201	Rum Run	30	29/06/2000	29/06/2014	Active	115O02	120190
YC20202	Rum Run	31	29/06/2000	29/06/2014	Active	115O02	120191
YC20203	Rum Run	32	29/06/2000	29/06/2014	Active	115O02	120192
YC20204	Rum Run	33	29/06/2000	29/06/2014	Active	115O02	120193
YC20205	Rum Run	34	29/06/2000	29/06/2014	Active	115O02	120194
YC20206	Rum Run	35	29/06/2000	29/06/2014	Active	115O02	120195
YC20207	Rum Run	36	29/06/2000	29/06/2014	Active	115O02	120196
YC20208	Rum Run	37	29/06/2000	29/06/2013	Active	115O02	120197
YC20209	Rum Run	38	29/06/2000	29/06/2013	Active	115O02	120198
YC20210	Rum Run	39	29/06/2000	29/06/2013	Active	115O02	120199
YC20211	Rum Run	40	29/06/2000	29/06/2013	Active	115O02	120200
YC20214	Rum Run	43	29/06/2000	29/06/2013	Active	115O02	120203
YC20216	Rum Run	45	29/06/2000	29/06/2013	Active	115O02	120205
YC20218	Rum Run	47	29/06/2000	29/06/2013	Active	115O02	120207
YC20220	Rum Run	49	29/06/2000	29/06/2013	Active	115O02	120209
YC20222	Rum Run	53	29/06/2000	29/06/2013	Active	115O02	120211
YC20223	Rum Run	54	29/06/2000	29/06/2013	Active	115O02	120212
YC20224	Rum Run	55	29/06/2000	29/06/2013	Active	115O02	120213
YC20225	Rum Run	56	29/06/2000	29/06/2013	Active	115O02	120214
YC20226	Rum Run	57	29/06/2000	29/06/2013	Active	115O02	120215
YC20227	Rum Run	58	29/06/2000	29/06/2013	Active	115O02	120216
YC36188	Rum Run	44	28/06/2005	28/06/2013	Active	115J15	154246
YC36189	Rum Run	46	28/06/2005	28/06/2013	Active	115J15	154247
YC36190	Rum Run	48	28/06/2005	28/06/2013	Active	115J15	154248
YC75987	Toluamide	1	07/08/2008	07/11/2013	Active	115O02	183314
YC75988	Toluamide	2	07/08/2008	07/11/2013	Active	115O02	183315
YC75989	Toluamide	3	07/08/2008	07/11/2013	Active	115O02	183316
YC75990	Toluamide	4	07/08/2008	07/11/2013	Active	115O02	183317
YC75991	Toluamide	5	07/08/2008	07/11/2013	Active	115O02	183318
YC75992	Toluamide	6	07/08/2008	07/11/2013	Active	115O02	183319
YC75993	Toluamide	7	07/08/2008	07/11/2013	Active	115O02	183320

Grant #	ClaimName	Claim #	RecordingDate	ExpiryDate	Status	NTS Map	Ops #
YC75995	Toluamide	9	07/08/2008	07/11/2013	Active	115002	183322
YC75996	Toluamide	10	07/08/2008	07/11/2013	Active	115002	183323
YC75997	Toluamide	11	07/08/2008	07/11/2013	Active	115002	183324
YC75998	Toluamide	12	07/08/2008	07/11/2013	Active	115002	183325
YC75999	Toluamide	13	07/08/2008	07/11/2013	Active	115002	183326
YC76000	Toluamide	14	07/08/2008	07/11/2013	Active	115002	183327
YC76001	Toluamide	15	07/08/2008	07/11/2013	Active	115002	183328
YC76002	Toluamide	16	07/08/2008	07/11/2013	Active	115002	183329
YC76003	Toluamide	17	07/08/2008	07/11/2013	Active	115002	183330
YC76004	Toluamide	18	07/08/2008	07/11/2013	Active	115002	183331
YC76005	Toluamide	19	07/08/2008	07/11/2013	Active	115002	183332
YC76006	Toluamide	20	07/08/2008	07/11/2013	Active	115002	183333
YC76007	Toluamide	21	07/08/2008	07/11/2013	Active	115002	183334
YC76008	Toluamide	22	07/08/2008	07/11/2013	Active	115002	183335
YC63021	Cigar	1	23/10/2007	23/10/2011	Active	115002	177905
YC63022	Cigar	2	23/10/2007	23/10/2011	Active	115002	177906
YC63023	Cigar	3	23/10/2007	23/10/2011	Active	115002	177907
YC63024	Cigar	4	23/10/2007	23/10/2011	Active	115002	177908
YC63025	Cigar	5	23/10/2007	23/10/2011	Active	115002	177909
YC63026	Cigar	6	23/10/2007	23/10/2011	Active	115002	177910
YC63027	Cigar	7	23/10/2007	23/10/2011	Active	115002	177911
YC63028	Cigar	8	23/10/2007	23/10/2011	Active	115002	177912
YC63029	Cigar	9	23/10/2007	23/10/2011	Active	115002	177913
YC63030	Cigar	10	23/10/2007	23/10/2011	Active	115002	177914
YC63031	Cigar	11	23/10/2007	23/10/2011	Active	115002	177915
YC63032	Cigar	12	23/10/2007	23/10/2011	Active	115002	177916
YC76045	Toluamide	59	07/08/2008	07/11/2013	Active	115002	183372
YC76046	Toluamide	60	07/08/2008	07/11/2013	Active	115002	183373
YC76047	Toluamide	61	07/08/2008	07/11/2013	Active	115002	183374
YC76048	Toluamide	62	07/08/2008	07/11/2013	Active	115002	183375
YC76049	Toluamide	63	07/08/2008	07/11/2013	Active	115002	183376
YC76050	Toluamide	64	07/08/2008	07/11/2013	Active	115002	183377

Table 2. Group B Claims.

Grant #	ClaimName	Claim #	RecordingDate	ExpiryDate	Status	NTS	
						Map	Ops #
YC76009	Toluamide	23	07/08/2008	07/11/2011	Active	115O02	183336
YC76010	Toluamide	24	07/08/2008	07/11/2011	Active	115O02	183337
YC76011	Toluamide	25	07/08/2008	07/11/2011	Active	115O02	183338
YC76012	Toluamide	26	07/08/2008	07/11/2011	Active	115O02	183339
YC76013	Toluamide	27	07/08/2008	07/11/2011	Active	115O02	183340
YC76014	Toluamide	28	07/08/2008	07/11/2011	Active	115O02	183341
YC76015	Toluamide	29	07/08/2008	07/11/2011	Active	115O02	183342
YC76016	Toluamide	30	07/08/2008	07/11/2011	Active	115O02	183343
YC76017	Toluamide	31	07/08/2008	07/11/2011	Active	115O02	183344
YC76018	Toluamide	32	07/08/2008	07/11/2011	Active	115O02	183345
YC76019	Toluamide	33	07/08/2008	07/11/2011	Active	115O02	183346
YC76020	Toluamide	34	07/08/2008	07/11/2011	Active	115O02	183347
YC76021	Toluamide	35	07/08/2008	07/11/2011	Active	115O01	183348
YC76022	Toluamide	36	07/08/2008	07/11/2011	Active	115O01	183349
YC76023	Toluamide	37	07/08/2008	07/11/2011	Active	115O01	183350
YC76024	Toluamide	38	07/08/2008	07/11/2011	Active	115O01	183351
YC76025	Toluamide	39	07/08/2008	07/11/2011	Active	115O01	183352
YC76026	Toluamide	40	07/08/2008	07/11/2011	Active	115O01	183353
YC76027	Toluamide	41	07/08/2008	07/11/2011	Active	115O01	183354
YC76028	Toluamide	42	07/08/2008	07/11/2011	Active	115O01	183355
YC76029	Toluamide	43	07/08/2008	07/11/2011	Active	115O01	183356
YC76030	Toluamide	44	07/08/2008	07/11/2011	Active	115O01	183357
YC76031	Toluamide	45	07/08/2008	07/11/2011	Active	115J16	183358
YC76032	Toluamide	46	07/08/2008	07/11/2011	Active	115J16	183359
YC76033	Toluamide	47	07/08/2008	07/11/2011	Active	115J16	183360
YC76034	Toluamide	48	07/08/2008	07/11/2011	Active	115J16	183361
YC76035	Toluamide	49	07/08/2008	07/11/2011	Active	115J16	183362
YC76036	Toluamide	50	07/08/2008	07/11/2011	Active	115J16	183363
YC76037	Toluamide	51	07/08/2008	07/11/2011	Active	115J16	183364
YC76038	Toluamide	52	07/08/2008	07/11/2011	Active	115J16	183365
YC76039	Toluamide	53	07/08/2008	07/11/2011	Active	115J16	183366
YC76040	Toluamide	54	07/08/2008	07/11/2011	Active	115J16	183367
YC76041	Toluamide	55	07/08/2008	07/11/2011	Active	115J16	183368
YC76042	Toluamide	56	07/08/2008	07/11/2011	Active	115J16	183369
YC76043	Toluamide	57	07/08/2008	07/11/2011	Active	115J16	183370
YC76044	Toluamide	58	07/08/2008	07/11/2011	Active	115J16	183371

HISTORY.

Scroggie and Mariposa Creeks are old placer gold creeks first discovered in 1898 and extensively mined by hand with the aid of steam boilers and points in the early 1900's. Refer to GSC Memoir 97. Two small cuts were mined by tractor, equipped with cable dozer blade in the mid-1950s. Cat mining began in earnest about 1980 as a result of the then high gold prices and has continued uninterrupted until today. The writer mined with partners along Scroggie Creek from two km below the airstrip to a point along Mariposa Creek about four km above its mouth. Although early records have not been thoroughly researched, something like 100,000 ounces raw gold with a fineness of 905 has likely been produced from Mariposa and Scroggie Creeks between the top of Mariposa Creek and a point four-km below the airstrip on Scroggie Creek. This area coincides with the bulk of cabins, shafts and diggings associated with pre dozer-tractor mining.

A granite batholith mapped by H S Bostock in 1935-37 and shown on GSC Map 711A, Ogilvie, occurs north of the area of placer mining. Schists and gneisses of the Yukon Group underlie the placer mining area. A large body of pyroxenite underlies Pyroxene Mountain to the northeast.

During 1988, mining cuts along Scroggie Creek just downstream from Stevens Creek yielded abundant arsenopyrite crystals in the sluice-concentrates over about 300 meters. Although bedrock was examined closely, no source for the arsenopyrite could be found in the mining cuts. In 1990 a black-sand sluice-concentrate, with coarse gold recovered, was sent to Chemex Labs for multi-element analyses to determine other significant metals that might be present in the Scroggie drainage. This concentrate was highly anomalous for several elements including Au, Pd, Pt, Ag, Bi, Pb, W and Sn, which, except for the Pd-Pt are indicative of intrusion-related gold deposits. Common minerals found in sluice concentrates include gold, magnetite, garnet and kyanite.

Over 100 WINE and FISH Quartz Claims were staked in 1987 over the area encompassing the significant placer gold production area described above. Only minor representation work was recorded with a modest gold anomaly described in soils north of upper Mariposa Creek. Quartz veins staked in 1917 are described along Mariposa Creek in this same area (Minfile O-075). Other minfile occurrences, well removed from all the recently staked

claims include a Cu-Mo occurrence in upper Scroggie Creek, a U occurrence in upper Stevens Creek and a PGM-Au occurrence over Pyroxenite Mt.

The writer began prospecting the area assisted by Mr. Dave Bennett in 1999 and staked the RUM RUN 1-20 quartz claims in Sept 1999. The writer returned in June 2000 with Mr. Dave Bennett to continue prospecting the general area, conduct representation work on the RUM RUN 1-20 and to stake the RUM RUN 21-50 and 53-59. The writer returned again in late Aug 2000 to evaluate the RUM RUN 21-50 and 53-59. In early July 2001, Mr. Dave Bennett and the writer returned to conduct additional geochemical sampling and mapping on the claims. In late August 2001, the writer returned to do additional sampling and mapping as well as conduct a VLF – EM geophysical survey over some of the claims. Work in 2003 included primarily magnetometer surveys in three separate areas and some limited geochemical surveying over one of these areas.

Work in 2005 involved completion of a pattern of magnetic high response at the south end of the airstrip, additional magnetic survey work on the east side of the property and a VLF-EM survey to try and locate Scroggie Fault. Work in 2006 involved collection of soil samples for MMI analyses along selected lines throughout the property.

All work has been done with the aid of YMIP grubstake and target evaluation grants.

GEOLOGY.

“The large granitic body exposed on either side of Scroggie and Walhalla Creeks is a coarse white granite near the junction of these creeks but, farther south and east, is more nearly a granodiorite and carries large pink feldspar crystals. Along its southern contact is a zone composed mainly of hornblende and pink feldspar. The body contains numerous xenoliths of the Yukon Group and innumerable pegmatitic intrusions that, in places, make up fully 30 percent of the volume of the rock.” (H.S. Bostock, 1942, Map 711A, OGILVIE). Mr Jim Ryan and others of the Geological Survey of Canada have recently remapped some of the batholith and adjacent areas throughout the Stewart Map Sheet. Based on initial mapping of part of the batholith, Mr. Ryan describes the batholith as a composite intrusive complex with many phases often with diffuse contacts with country rock (personal communication). The area described in this report lies along the southern contact of this batholith. “Granite” in this area contains pink feldspar phenocrysts up to two cm long, plagioclase and quartz. It is often foliated and contains

hornblende and lesser biotite of 10 to 20 percent. This fits with Bostock's description of the granodiorite, which term is used throughout this report.

A stock of "granite", separated from the main batholith by three to five km of metamorphic rocks is a coarse-grained, moderately foliated granite composed of one-half cm long quartz grains set in coarse to medium-grained pink feldspar with five to ten percent variably chloritized hornblende and biotite. About 20 percent of the feldspars are white. Mafic biotite-hornblende rich xenoliths are common locally.

A large poorly defined body of pegmatite occurs northwest of the airstrip within the granite batholith. This may be a single large body or more likely an area of intense dyking (see below). It measures three by four km as defined by chips in soil pits, float in creeks, boulders on hillsides and a few outcrops. Dykes of pegmatite can be seen cutting granodiorite outcrop near the miner's camp and along adjacent Scroggie Creek. Pegmatite is typically comprised of 20 – 30 percent quartz, 50 percent Kspar, 20 percent plagioclase and <5 percent biotite plus muscovite. Mirolitic cavities are present but rare. Pegmatite can also be seen as narrow dykes within the country rocks at numerous locations. Pale buff-colored aplite is occasionally seen within the batholith as outcrop and float particularly east and northeast of the miner's camp.

Country rock to the batholith includes schists and gneisses of the Yukon Group. Float and outcrop of metamorphic rocks along Scroggie and Mariposa Creeks display a wide variety of textures. Most common by far are quartz-feldspar-hornblende gneisses of highly variable grain size and texture in places containing garnet of quite variable size and content. Kyanite, common in placer gold concentrates, is seen in float along most of Scroggie Creek as subround disc-shaped boulders of kyanite-muscovite $\pm$ garnet, $\pm$ magnetite $\pm$ staurolite (?) gneiss and locally in outcrop such as on both sides of Scroggie Creek at the south end of the airstrip. Float of pegmatite, granite and chlorite and biotite rich gneisses is also common. Quartz-eye rhyolite float can be seen in minor amounts along much of Scroggie and Mariposa Creeks.

A quartz-muscovite $\pm$ garnet schist unit, QMS, up to a few hundred meters thick has been mapped across the area from Mariposa Creek to Cabin Creek. The unit is not massive as intercalations of other schists and gneisses do occur within it as can best be seen on the placer-mined bench opposite the mouth of Stevens Creek. Its muscovite content, generally five to twenty percent but locally over 90 percent, characterize it. Weathering of pyrite, usually forming less than one percent has produced a distinctive orange surface. The unit strikes northwest and

dips about 45 degrees northeast except near Scroggie Creek. Nearing Scroggie Creek from the east, strikes become progressively more northerly and dips steepen to near vertical. This change could be caused by drag along an unexposed north-south fault with right lateral sense of movement. In 1986 during placer mining, the unit along Lower Mariposa Creek was seen by the writer to terminate against a sharp fault. The similar rock type mapped further north of this point may be a faulted offset of the same unit and not a repetition. The unit continues east along Mariposa Creek drainage for several km.

South of the QMS unit along Scroggie Creek, from Mariposa Creek to north of Stevens Creek, a dark green to grey chlorite-biotite gneiss with fine laminations and locally with augen of pink feldspar makes a distinctive unit at least several hundred meters thick. It outcrops across the floor of Scroggie Creek as seen during the course of placer mining in the late 1980's and now evidenced by the abundance of angular pieces of this rock type on the placer tailing piles. A typical specimen shown to Mr. J Ryan of the G.S.C. was identical to rocks mapped as diorite orthogneiss further west along Barker Creek and elsewhere in the general area. North of the quartz-muscovite schist, outcrops of quartzo-feldspathic gneiss containing variable amounts of hornblende and garnet make up the bulk of the exposed country rock.

The Scroggie Creek drainage in the area of this report is described as unglaciated (Duk-Rodkin 1999, G.S.C. O.F.3694). Mr. Lionel Jackson of the G.S.C. suggested that older glacial periods of greater than one my bp could have affected the area. During a placer test in the late 1980s of a bench immediately above the southwest corner of RUM RUN 59 (now lapsed), the writer examined material that looked like till. Large rounded boulders and till-like soils occur in the headwaters of Mariposa Creek. It is curious that oxidation of sulfides is absent or only shallowly developed at best on the property whereas elsewhere in unglaciated terrain it is deeply developed. The Casino porphyry Cu-Mo deposit, 25 km south is deeply leached, in places to over 100 meters. Loess is present on hillsides as was seen in two pits dug in 2001.

Placer gold along Scroggie airstrip and above is very rounded. Along Mariposa Creek the gold is more angular and textured. Placer gold in upper Mariposa where it was mined in the late 1980's was reported as rough and hackly possibly indicating a nearby bedrock source. Gold collected in 2009 at the bend in Mariposa Creek about one-half way up the creek is intermediate between these textures. The Toluamide claims were staked to cover this exploration target.

PREVIOUS WORK SUMMARY.

Previous work, described in previous assessment reports by the writer, subdivided the property into three areas named the Pegmatite Zone, the QMS Zone and the East Zone.

The Pegmatite Zone occurs on the RUM RUN 1-20. Gold mineralization occurs associated with pegmatite dykes along Scroggie Creek. Gold values up to 3020 ppb Au occur associated with very fine sulfide in quartz breccias within dykes of pegmatite cutting the foliated medium-grained hornblende granodiorite. Immediately to the west, on a moderate sloping hillside devoid of outcrop, soil samples are geochemically anomalous for gold over a one-km diameter area. The rocks and some soils are moderately anomalous for Mo, Pb and Sb. Rock chips in soils and float in creeks indicate this area occurs within a large pegmatite body or intense dyke swarm about three km in diameter. A north trending fault is believed to occur along Scroggie Creek, from evidence collected further south, and may form the east boundary of the large pegmatite body.

This fault and associated splays are targets for gold mineralization. The quartz-breccia sulfide mineralization within pegmatite dykes would have to be more continuous and higher grade if similar mineralization exists under the gold soil anomaly west of Scroggie Creek to be of interest. During June 2001, the placer operator on Scroggie Creek, Mr. Zdenek Bidrman, showed the writer two gold-quartz pebbles measuring about two cm in maximum dimension. Mr Bidrman described the collection of about fifty other smaller gold-quartz pieces together with the two larger pieces from a small area of placer mining west of C184 tight against the bank. About one-quarter of the volume of the gold-quartz pieces is gold. Such pieces, though not common, were occasionally seen by the writer in placer concentrates during his mining of Scroggie and Mariposa Creeks from 1985 to 1992. The occurrence of numerous pieces of gold-quartz pebbles in one restricted area could come from several possible sources. They could be caused by gold-quartz weathered from nearby bedrock or from disintegration of a single or few pieces of gold-quartz weathered from a source previously several thousand feet above the present land surface. The first possibility offers a target worthy of pursuing as small volume high-grade veins associated with the north trending fault and has been suggested by others. "The fragility of the pristine gold crystals projecting from the clasts suggests that they were not transported far following their introduction into the fluvial system. Consequently, a source on adjacent hillsides is suggested." (Rotheisler, P.N. GSC Current Research 2003-A1).

The QMS Zone occurs on the RUM RUN 21-40. A quartz muscovite schist unit (QMS) was crudely mapped from chips in soil pits across these claims over a strike length of 1500 m open to the northwest. The unit is eventually terminated against the granite-pegmatite intrusive complex in this direction, but extends over ten-km east along Mariposa Creek where it includes the East Zone. Soil results indicated strong geochemically anomalous patterns for Au, As, Bi, Pb, Te, S and Zn over the QMS Zone. Outcrops are very rare on the hillside within the anomalous patterns but a 45-degree northeasterly dip to foliation within the QMS, and adjacent units nearby, has been well documented. Attitudes steepen to near vertical with a northerly strike along Scroggie Creek. This change of attitude is believed to be related to drag along a north-south fault along Scroggie Creek. Well-formed arsenopyrite crystals were abundant within gold placer concentrates along the portion of Scroggie Creek underlain by the QMS unit as seen by the writer in the late 1980's. The placer gold collected from this area of Scroggie Creek was also unique in being coated by a fine, deep-blood-red powder. The arsenopyrite could be related to gold mineralization associated with the north trending fault or to mineralization related to the anomalous geochemical patterns.

In the QMS target, the occurrence of anomalous Au-Bi-As-Pb in soils with Sn-W in Au placer concentrates within high-grade metamorphics in association with granite and pegmatite is indicative of mesothermal intrusion related gold mineralization. The anomalous geochemical patterns are obviously large enough to contain a sizeable gold deposit.

CURRENT WORK.

G Richards and Jeff Mieras traveled from Whitehorse to Dawson City to the claims by fixed-wing aircraft on August 4, 2009 and conducted a work program on the claims. Richards travelled to Dawson city to record the work as Representation Work on August 20. Work in 2009 on Group A Claims was designed to further evaluate the strength and extent of the QMS multi-element geochemical anomaly. Work in 2009 on Group B Claims was designed to begin geochemical assessment of the Toluamide 1-64 claims staked in 2008.

Soil samples were collected from pits dug by mattock by a scoop and placed in gusseted kraft soil sample bags labeled with sample number. Rock samples were made from ten or more chips and placed into kraft soil sample bags labeled with sample number. Survey ribbon with sample number was tied on nearby vegetation low to the ground for both soil and rock samples.

Samples locations were made with a Garmin 60Cx handheld GPS unit. GPS locations were downloaded to an Excel spreadsheet and transferred to the base map used in Figures 3 and 4.

Samples were shipped to Acme Analytical Laboratories in Vancouver for analyses by their 1DX analytical method using a 15 gram sample size. The 1DX method involves leaching in hot (95°C) Aqua Regia and an ICP-MS analyses.

Subsequent to the current work, the Property was optioned to Pacific Ridge Exploration who undertook a compilation of all previous work, the current work of this report and soils collected by Pacific Ridge contractors subsequent to optioning the Property. Figure 3 was supplied by Pacific Ridge and shows the location of all samples. Figure 4 provides anomalous gold results at different thresholds.

Samples shown on Figure 3 that were collected on Group A Claims (West group) are:

1. Soils K1-K26 and Q1-Q18 and R115 on the northwest extension of the QMS Zone.
2. Soils J115-J125 and rocks R102-R114, R116 and R117 across the central portion of the QMS zone.

Samples shown on Figure 3 that were collected on Group B Claims (East group) are:

1. Soils R1-R33, R35-R61, R63-R73, R76-R100; J1-J114

RESULTS.

Gold values shown on Figure 4 are colour coded at different threshold values. Clusters of anomalous values are obvious in several areas. A background of ≤ 4 ppb Au has been used in presenting the data. Values for pathfinder elements can be found in the Appendix.

Group A Claims

On Group A Claims (West group) soils confirm that anomalous gold extends north of Cabin Creek, the east flowing creek that enters Scroggie Creek at the south end of the airstrip. Sample pits at Q16 to Q17 and across the hill to K1 to K3 contained QMS. Some of these samples are anomalous for gold: K1-164 ppb Au, K2-15 ppb Au, and K18-16 ppb Au. Bi, As, and Pb are anomalous in sole of these or adjacent samples: K17-2 ppm Bi, 17 ppm As and 88 ppm Pb; K18 33 ppm Bi, 17 ppm As and 80 ppm Pb. It would appear from this data and the soil chips that the north contact of the QMS lays at the southern limit of soil samples with associated anomalous gold and pathfinder elements. However, the main QMS target lies just to the south of the present soil samples.

Rock and soil samples collected from Group A Claims on the east facing hillside above Scroggie Ck are shown on the inset on Figures 3 and 4. This hillside was open from the intense fire that swept across the hillside in 2009. White quartz rich boulders stood out against the fire-blackened earth and were sampled along a contour traverse. More similar boulders occurred uphill but were not sampled. Following is a table of rock descriptions:

Table 3. Rock Sample Descriptions – Group A Claims

	Cu	Pb	As	Au	Bi	
	PPM	PPM	PPM	PPB	PPM	
	0.1	0.1	0.5	0.5	0.1	
Rk #						Description
R 101	6.0	0.7	5.1	<0.5	<0.1	2 pieces qtz with QMS from tip-up
R 102	2.6	6.4	1.5	4.5	1.9	qtz rich musc schist, leached sulphide
R 103	73.7	35.2	11.3	29.9	23.6	20 cm qtz with 2% diss pyrite
R 104	10.5	13.7	<0.5	99.6	7.5	qtz rich with 5% leached sulphide
R 105	9.8	16.6	29.0	5.6	6.2	very limonitic leached qtz rich musc schist
R 106	19.6	5.1	33.0	14.1	3.1	many qtz boulders with 2% diss pyrite
R 107	10.8	67.3	20.7	16.1	13.7	QMS with 5% lched sulphide, limonitic fracs
R 108	21.9	20.9	1.9	127.6	12.4	qtz boulder with musc and pyrite
R 109	4.4	19.4	2.5	5.4	6.7	1/2 m qtz with 1% sulphide leached
R 110	624.6	60.6	13.2	41.4	8.7	1 m qtz with musc, 1% cpy, pyrite
R 111	63.7	35.5	3.9	1.1	0.5	musc schist, leached sulphide
R 112	21.6	12.6	1.2	0.6	<0.1	pegmatite, limonitic, leached
R 113	4.5	29.2	0.8	<0.5	0.2	70% qtz musc schist, leached sulphide
R 114	3.1	15.3	0.8	<0.5	0.1	70% qtz musc schist, leached sulphide
R 116	152.3	194.7	210.7	27.8	32.6	silics musc sch with qtz, 3% py, minor cpy
R 117	4222.4	351.2	96.8	784.7	461.2	50m uphill of R116, qtz, 1-2% cpy

Soils samples collected across the hill on a 10 m interval where possible and widened where not possible show an anomalous gold soil pattern near the quartz-rich boulders with values to 26 ppb Au and a higher value of 97 ppb Au about 50 m north of the area of quartz-rich boulders.

Group B Claims

Three groups of soils collected by the work described in this report are the J and R series samples as shown on Figure 3.

The westerly two groups, J56-J78, R64-R73 and J79-J114 were both collected north of the QMS returned spotty anomalous gold to 122 ppb at J108.

The other group of soil samples at the east limit of the survey and lying east of the headwaters of Mariposa Creek provides a more consistent grouping of anomalous gold as shown on Figure 4. Gold values range up to 256 ppb Au at R36 but in general range from 5 to 46 ppb Au. This pattern of anomalous gold is open to the north and west. Many of the soil pits in this area were frozen and thus soils collected were sub-standard and included minor amounts of organic material. This was particularly true of R9-R16, R46, R47, R49 and R76-78. Notes of J-series samples were not detailed enough to make this distinction.

The only rock samples collected from the Group B Claims area were two samples of a fault gouge exposed in the floor of a 25 m wide placer mining cut that has exposed limonitic QMS along Mariposa Creek. See following table:

Table 4. Rock Sample Descriptions – Group B Claims

	Cu	Pb	As	Au	Bi	
	PPM	PPM	PPM	PPB	PPM	
Rk #	0.1	0.1	0.5	0.5	0.1	Description
R 34	55.0	22.9	10.9	1.2	1.6	fault gouge, black, fine pyrite
R 35	55.8	15.7	19.6	1.4	0.2	fault gouge, black, fine pyrite

CONCLUSIONS

The current work program enlarged on the soil data base on the property but has left large areas to be evaluated.

The gold anomalous QMS zone west of Scroggie Creek has been shown to extend up to 1700 m from Scroggie Creek northwest to soils K1-K3. The southeast end of this zone is coincident with placer mining cuts that yielded abundant pristine arsenopyrite crystals in the placer concentrates in the late 1980's. North trending Scroggie Fault that has previously been shown to contain anomalous gold also lies in this area. The centre of this soil anomaly also contains abundant quartz rich float containing anomalous gold to 784 ppb Au, minor chalcopyrite, and leached sulphide within quartz muscovite schist (QMS) dipping 45 degrees northeast towards a granite stock. This quartz rich zone could extend over much of the 1700 m length of anomalous gold. The QMS in this area is limonitic over much of its 100-300 m width and 1700 m length.

The gold anomaly in float along Scroggie Creek and the hillside north and northwest of the airstrip was not evaluated by this survey.

Gold along Scroggie Creek has been shown over the past 30 years of mining to change in texture from very smooth and rounded to progressively more textured starting north of the airstrip and going upstream along Scroggie and Mariposa Creeks to the area of R34 and R35. Further upstream placer mining by a Mr Yardley in the late 1980's along upper Mariposa Creek between soil samples R36 and J55 was described by the writer's partners (in the years of placer mining) as very rough and hackly that could be indicating a nearby source of the gold. Soils collected by the work described in this report have defined a gold anomalous soil pattern east of R34 as described.

RECOMMENDATIONS.

Soil sample surveys should be extended into unsampled areas particularly:

1. in upper Mariposa Creek,
2. across the QMS along the lower slopes of Mariposa Creek west of R34,
3. across the QMS east of Scroggie Ck and south of Stevens Ck,
4. across the granite-metamorphic contact along the north portion of the claims. This contact area was seen to contain abundant limonitic float in the course of staking subsequent to work described in this report.

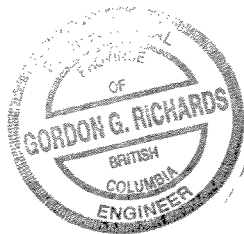
Fill-in soils should also be collected:

1. on lines running east-west on the hillside northwest of the airstrip,
2. at the northwest end of the QMS downslope and west of soil sample K1,
3. on lines running across the trace of the suspected quartz-rich gold-bearing zone sampled by R103-R110. Prospecting and sampling for quartz rich float should accompany this last target.

Trenching should be done across the 1700 m long QMS zone including close to the portion of Scroggie Ck where arsenopyrite in placer concentrates occurred and other areas based on results of the recommended soil samples.

STATEMENT OF COSTS
Group A and Group B Claims

Wages	Total	GroupA	GroupB
G Richards Aug 4-7 @ \$800/day	\$3200.00	\$1600.00	\$1600.00
J Mieras Aug 4-7 @ \$200/day	800.00	400.00	400.00
Expenses			
Room & Board-Bear Ck Mining	600.00	300.00	300.00
Quad Rental-Bear ck Mining @ \$100/day	400.00	200.00	200.00
Airfare: WHS-Dawson- Air North	263.00	132.00	132.00
Airfare: Dawson-Scroggie-Great Beaver Air	672.84	336.42	336.42
Airfare: Dawson-Whs-air North	263.00	132.00	132.00
Freight: overweight Air North	190.40	95.20	95.20
Freight: samples Manitoulin	171.64	85.82	85.82
Supplies: 9 suppliers	642.80	321.40	321.40
Gas for quads: MacKenzie Petrol	122.21	61.60	61.61
Gas for quads: Shell Canada	116.89	58.45	58.44
Yukon WCB	44.44	22.22	22.22
Acme labs	6200.28	3100.14	3100.14
Report	2500.00	<u>1250.00</u>	<u>1250.00</u>
Total		\$8,094.25	\$8,094.25



STATEMENT OF QUALIFICATIONS

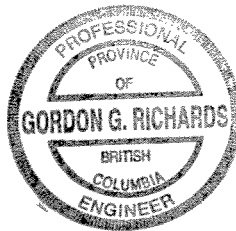
I, Gordon G Richards, of 6410 Holly Park Drive, Delta, B.C., Canada do hereby certify that:

1. I am a graduate of the University of British Columbia with a B.A.Sc. in Geology 1968, M.A.Sc. in Geology 1974.
2. I am registered as a Professional Engineer in the Province of British Columbia.
3. I have practiced my profession since 1968.
4. This report is based on my fieldwork during August 4 to 7, 2009 and literature cited.

Respectfully submitted,



Gordon G Richards, P.Eng.



Acmelabs

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: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: August 26, 2009
Report Date: September 20, 2009
Page: 1 of 10

CERTIFICATE OF ANALYSIS

CLIENT JOB INFORMATION

Project: TOLUAMIDE
Shipment ID:
P.O. Number
Number of Samples: 265

SAMPLE DISPOSAL

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

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

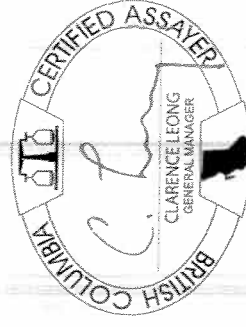
Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	265	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	265	Dry at 60C			VAN
1DX2	265	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

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.
*** 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

Project: TOLUAMIDE
Report Date: September 20, 2009

www.acmelab.com

Page: 2 of 10 Part 1

2 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Analyte	Unit	MDL	1DX15																						
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P			
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm				
R 01	Soil			2.6	25.7	8.6	55	<0.1	19.4	11.1	211	2.88	5.0	0.8	6.3	2.6	16	<0.1	0.3	0.1	57	0.30	0.071			
R 02	Soil			0.7	26.8	7.8	65	<0.1	30.3	15.3	230	2.87	4.4	0.6	19.6	2.6	16	<0.1	0.2	0.1	60	0.24	0.065			
R 03	Soil			0.7	34.8	7.1	54	<0.1	42.1	14.7	221	2.90	5.4	0.4	11.2	2.3	12	0.1	0.2	0.1	78	0.20	0.058			
R 04	Soil			0.7	38.6	7.2	67	<0.1	18.6	13.1	287	3.00	5.6	0.7	3.2	3.1	19	0.2	0.2	0.1	57	0.23	0.054			
R 05	Soil			1.2	25.2	11.4	83	0.5	14.4	13.0	556	3.12	4.7	0.7	7.6	1.9	25	0.1	0.2	0.2	69	0.32	0.066			
R 06	Soil			2.2	23.3	8.9	63	0.1	19.6	10.7	448	2.57	6.7	1.8	5.4	4.0	40	0.2	0.4	0.2	51	0.54	0.051			
R 07	Soil			2.0	23.0	8.9	63	<0.1	18.4	14.7	859	2.80	7.2	1.3	3.7	4.9	29	0.1	0.3	0.2	54	0.39	0.057			
R 08	Soil			2.1	17.1	8.1	63	<0.1	14.6	12.7	881	2.21	5.2	1.4	3.9	3.4	28	0.2	0.2	0.2	45	0.36	0.054			
R 09	Soil			0.7	25.6	8.7	63	<0.1	12.4	10.7	265	2.79	4.7	0.8	9.1	1.6	17	0.1	0.2	0.1	69	0.25	0.059			
R 10	Soil			1.0	23.7	8.6	60	0.1	11.9	9.2	217	2.51	4.0	0.8	6.9	1.4	15	0.1	0.1	0.1	62	0.23	0.060			
R 11	Soil			0.8	19.8	8.9	55	0.2	11.7	7.7	198	2.32	3.7	0.8	9.5	1.3	18	<0.1	0.2	0.2	57	0.21	0.052			
R 12	Soil			0.9	27.8	8.2	48	0.3	10.7	7.5	202	2.35	3.5	1.1	10.3	1.1	19	0.2	0.2	0.2	54	0.24	0.069			
R 13	Soil			1.1	22.0	9.1	63	0.2	11.7	9.1	245	2.78	4.3	0.7	7.3	1.6	19	0.2	0.2	0.2	68	0.24	0.056			
R 14	Soil			1.3	17.6	10.5	62	0.3	11.3	8.4	259	2.82	4.8	0.7	9.7	2.0	20	0.1	0.2	0.2	65	0.22	0.051			
R 15	Soil			1.3	20.3	11.7	58	0.6	12.1	8.8	312	2.88	4.8	1.0	12.2	1.4	24	0.1	0.1	0.2	60	0.22	0.061			
R 16	Soil			1.6	47.7	6.9	98	0.2	13.3	15.5	344	4.30	3.3	0.9	17.3	4.1	31	<0.1	0.2	0.1	95	0.25	0.099			
R 17	Soil			1.0	11.2	6.4	50	<0.1	10.9	5.4	193	1.61	4.0	0.7	2.2	2.5	19	0.1	0.2	0.1	34	0.29	0.048			
R 18	Soil			1.3	14.4	11.0	58	<0.1	16.5	8.4	306	2.53	7.1	0.8	4.1	2.9	18	0.2	0.3	0.2	60	0.20	0.054			
R 19	Soil			4.3	29.1	7.8	63	0.2	17.2	10.0	553	2.29	5.2	4.4	9.8	3.9	41	0.2	0.3	0.3	42	0.55	0.061			
R 20	Soil			2.4	26.1	10.6	83	0.2	13.6	9.5	392	2.39	6.7	1.8	6.6	3.9	38	0.2	0.2	0.3	50	0.53	0.049			
R 21	Soil			1.4	23.1	11.1	88	0.2	16.2	10.2	367	2.54	6.5	1.6	5.6	4.0	33	0.2	0.2	0.3	52	0.43	0.038			
R 22	Soil			1.4	22.6	18.8	70	0.5	14.1	10.5	400	2.98	5.5	0.9	13.2	2.8	39	0.2	0.2	0.2	68	0.51	0.052			
R 23	Soil			1.1	25.3	10.0	60	0.5	15.3	11.9	408	2.92	4.0	0.9	10.5	2.2	41	<0.1	0.1	0.2	73	0.37	0.052			
R 24	Soil			0.9	25.5	8.7	71	0.3	14.9	11.5	319	3.29	4.9	0.8	11.2	2.9	23	<0.1	0.2	0.1	76	0.27	0.033			
R 25	Soil			0.9	22.7	6.9	82	0.2	16.4	12.8	512	3.46	5.1	0.5	6.3	3.7	12	<0.1	0.4	0.1	61	0.16	0.052			
R 26	Soil			0.7	28.0	7.5	64	0.1	14.9	10.5	293	2.77	5.5	0.6	6.3	2.9	15	0.1	0.3	0.1	59	0.22	0.031			
R 27	Soil			0.5	38.8	10.2	111	<0.1	10.7	19.0	508	4.21	2.2	0.5	2.9	1.9	19	0.2	0.1	<0.1	109	0.65	0.160			
R 28	Soil			0.9	20.1	8.3	57	0.2	13.6	9.1	251	2.65	5.7	0.6	16.5	2.3	20	0.1	0.2	0.1	66	0.23	0.047			
R 29	Soil			0.7	38.9	9.4	101	<0.1	11.2	16.4	477	4.28	3.6	0.4	4.8	1.9	19	0.1	0.1	<0.1	117	0.35	0.050			
R 30	Soil			1.1	36.5	6.1	85	<0.1	12.6	13.6	426	3.72	4.2	0.4	2.9	2.0	31	0.1	0.2	<0.1	94	0.41	0.064			

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 4
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

Page: 2 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Analyte	Unit	1DX15																
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	
		MDL	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
R01	Soil		8	28	0.54	183	0.075	1	1.47	0.013	0.08	0.1	0.02	3.5	0.1	<0.05	4	<0.5	
R02	Soil		10	34	0.79	169	0.116	1	1.83	0.012	0.18	<0.1	0.02	3.1	0.2	<0.05	6	<0.5	
R03	Soil		7	61	0.84	118	0.120	2	1.82	0.013	0.13	0.1	0.02	3.4	0.1	<0.05	6	<0.5	
R04	Soil		11	25	0.82	300	0.106	<1	1.90	0.014	0.25	<0.1	0.02	4.0	0.3	<0.05	7	<0.5	
R05	Soil		10	24	0.70	278	0.092	1	1.79	0.016	0.13	<0.1	0.05	3.8	0.2	<0.05	6	<0.5	
R06	Soil		17	30	0.41	259	0.069	2	1.60	0.013	0.08	0.1	0.04	3.5	0.1	<0.05	4	<0.5	
R07	Soil		17	31	0.41	262	0.065	2	1.59	0.013	0.07	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	
R08	Soil		14	24	0.36	219	0.056	1	1.41	0.011	0.06	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	
R09	Soil		11	21	0.70	231	0.111	2	1.75	0.013	0.14	<0.1	0.03	3.7	0.1	<0.05	7	<0.5	
R10	Soil		10	22	0.65	181	0.088	2	1.62	0.011	0.10	0.1	0.04	3.6	0.1	<0.05	6	<0.5	
R11	Soil		10	25	0.63	182	0.097	1	1.54	0.011	0.10	0.1	0.04	3.8	0.2	<0.05	6	<0.5	
R12	Soil		14	23	0.56	224	0.080	1	1.51	0.013	0.10	0.1	0.04	3.8	0.2	<0.05	6	<0.5	
R13	Soil		10	24	0.63	158	0.111	2	1.56	0.013	0.15	0.1	0.04	3.2	0.2	<0.05	6	<0.5	
R14	Soil		10	24	0.61	152	0.109	2	1.64	0.012	0.16	<0.1	0.03	3.3	0.2	<0.05	7	<0.5	
R15	Soil		10	26	0.54	160	0.077	2	1.68	0.015	0.08	0.1	0.06	2.9	0.2	<0.05	5	<0.5	
R16	Soil		18	17	0.88	283	0.200	<1	2.02	0.026	0.67	<0.1	0.02	4.6	0.7	0.13	7	<0.5	
R17	Soil		11	18	0.27	142	0.055	2	1.15	0.011	0.06	0.1	0.02	2.1	0.1	<0.05	3	<0.5	
R18	Soil		16	28	0.38	179	0.064	3	1.75	0.013	0.07	0.1	0.03	2.9	0.2	<0.05	6	0.5	
R19	Soil		20	28	0.38	225	0.061	2	1.58	0.014	0.07	0.2	0.05	3.7	0.1	<0.05	4	1.2	
R20	Soil		13	21	0.43	222	0.104	2	1.54	0.014	0.15	0.2	0.02	3.0	0.2	<0.05	4	<0.5	
R21	Soil		12	28	0.55	232	0.114	1	1.62	0.015	0.12	0.1	0.03	3.0	0.2	<0.05	5	0.6	
R22	Soil		10	27	0.76	283	0.134	2	1.97	0.018	0.19	<0.1	0.02	3.3	0.2	<0.05	6	<0.5	
R23	Soil		12	27	0.77	291	0.132	1	1.94	0.021	0.14	<0.1	0.03	3.8	0.2	0.06	6	0.5	
R24	Soil		11	29	0.81	211	0.130	1	1.99	0.015	0.15	<0.1	0.02	4.3	0.2	<0.05	6	<0.5	
R25	Soil		12	33	0.65	129	0.077	2	1.75	0.010	0.10	0.1	0.03	4.9	0.1	<0.05	6	<0.5	
R26	Soil		15	28	0.70	203	0.087	1	1.76	0.011	0.09	0.1	0.01	5.5	0.1	<0.05	7	<0.5	
R27	Soil		8	16	1.57	363	0.228	1	2.56	0.027	0.58	0.1	0.02	6.7	0.2	<0.05	9	<0.5	
R28	Soil		10	23	0.70	174	0.107	2	1.69	0.013	0.11	0.1	0.02	3.6	0.1	<0.05	6	<0.5	
R29	Soil		6	22	1.32	259	0.210	<1	2.44	0.021	0.29	<0.1	0.01	4.7	0.2	<0.05	8	<0.5	
R30	Soil		6	23	1.08	206	0.204	<1	2.00	0.017	0.37	<0.1	<0.01	3.2	0.1	<0.05	7	<0.5	

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

TO LIAMIDE

Report Date: September 20, 2009

www.acmelab.com

Page: 3 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte Unit	1DX15																				
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
R 31	Soil	0.9	35.5	9.8	83	0.1	14.1	11.9	3.41	3.6	0.8	14.5	2.6	29	0.1	0.2	0.1	80	0.32	0.051	
R 32	Soil	1.6	29.9	9.5	70	0.2	13.2	12.3	3.17	4.1	0.7	8.5	2.0	19	<0.1	0.2	0.2	78	0.26	0.062	
R 33	Soil	1.3	28.6	8.6	76	0.1	16.7	11.3	3.38	3.11	0.9	14.3	3.1	23	<0.1	0.3	0.2	64	0.26	0.060	
R 36	Soil	1.9	23.2	6.2	86	<0.1	13.0	13.4	3.79	3.9	0.9	256.2	3.8	16	<0.1	0.2	0.2	66	0.26	0.090	
R 37	Soil	2.0	21.9	8.8	60	<0.1	17.4	11.8	4.13	7.4	0.6	4.7	3.3	17	0.2	0.3	0.1	53	0.27	0.064	
R 38	Soil	7.8	26.9	13.2	54	<0.1	18.1	11.9	2.95	2.97	4.6	1.0	4.2	13	<0.1	0.2	0.1	33	0.21	0.060	
R 39	Soil	0.5	23.7	7.9	95	<0.1	30.4	22.4	3.91	4.2	0.4	2.3	2.3	20	<0.1	0.2	0.1	90	0.38	0.092	
R 40	Soil	0.7	21.2	6.7	62	<0.1	25.1	12.7	3.48	2.74	0.5	6.4	2.3	24	<0.1	0.3	0.1	60	0.30	0.075	
R 41	Soil	0.4	16.2	6.1	106	<0.1	17.4	20.3	3.29	4.8	0.5	12.5	2.6	24	<0.1	0.2	<0.1	60	0.47	0.113	
R 42	Soil	0.8	10.7	7.3	65	<0.1	14.0	12.7	2.86	6.8	0.3	19.4	2.1	16	0.1	0.3	0.1	66	0.20	0.039	
R 43	Soil	1.4	56.8	7.1	67	<0.1	21.6	15.0	3.10	6.1	0.8	10.2	1.7	18	0.1	0.3	0.1	61	0.22	0.074	
R 44	Soil	1.1	16.5	9.4	71	0.3	9.5	11.6	510	2.72	0.7	5.6	1.7	21	0.2	0.1	0.2	56	0.32	0.067	
R 45	Soil	1.0	16.2	11.2	65	0.2	11.9	9.3	340	2.79	5.1	0.7	8.8	15	0.1	0.2	0.2	85	0.21	0.052	
R 46	Soil	1.0	17.0	11.4	74	0.3	13.2	11.3	308	3.08	4.8	0.8	7.0	15	0.1	0.2	0.2	64	0.21	0.062	
R 47	Soil	1.0	12.2	10.3	62	0.2	9.3	7.8	210	2.67	4.6	0.5	5.9	14	0.1	0.1	0.1	66	0.22	0.052	
R 48	Soil	1.0	17.5	10.6	74	0.3	13.4	15.6	605	3.20	5.3	0.8	9.6	15	0.1	0.2	0.2	64	0.20	0.056	
R 49	Soil	1.3	21.5	8.5	93	0.2	13.9	11.8	437	3.82	5.7	0.9	10.7	18	0.2	0.2	0.2	71	0.26	0.073	
R 50	Soil	1.0	18.7	10.8	78	0.3	8.1	13.8	702	3.19	4.1	0.5	6.9	19	0.2	0.1	0.2	63	0.34	0.076	
R 51	Soil	1.3	25.2	10.0	80	0.2	20.5	14.8	606	3.82	6.5	0.7	7.9	16	0.1	0.4	0.2	76	0.20	0.063	
R 52	Soil	1.2	26.1	10.2	78	0.2	21.9	19.6	859	3.89	6.6	0.9	26.7	17	0.1	0.4	0.2	81	0.23	0.064	
R 53	Soil	0.5	22.7	7.7	71	<0.1	19.8	14.5	497	2.99	5.4	0.8	1.6	20	0.2	0.4	0.2	67	0.30	0.059	
R 54	Soil	1.0	15.5	7.6	62	<0.1	14.9	11.3	517	2.80	5.1	0.5	3.0	19	<0.1	0.3	0.1	64	0.25	0.044	
R 55	Soil	0.8	15.2	6.8	64	<0.1	15.7	8.8	305	2.83	5.3	0.5	1.7	20	0.1	0.3	0.1	70	0.28	0.040	
R 56	Soil	0.6	17.2	7.9	70	<0.1	17.8	11.7	424	2.87	4.8	0.6	1.6	24	0.1	0.3	0.1	61	0.38	0.055	
R 57	Soil	0.7	15.8	8.1	65	<0.1	16.1	10.2	346	2.64	5.6	0.6	32.6	21	0.2	0.4	0.1	58	0.29	0.041	
R 58	Soil	0.7	15.9	9.6	66	<0.1	15.1	9.6	277	2.75	4.8	0.7	3.2	24	<0.1	0.3	0.1	60	0.30	0.042	
R 59	Soil	0.8	15.9	12.7	66	<0.1	14.9	11.4	490	2.60	5.3	0.8	2.7	22	0.1	0.3	0.1	57	0.30	0.067	
R 60	Soil	0.9	10.9	10.1	58	<0.1	9.4	8.6	418	1.93	5.3	0.5	2.0	17	<0.1	0.2	0.1	43	0.27	0.057	
R 61	Soil	2.9	20.3	12.8	75	0.1	15.7	8.0	335	2.69	11.9	1.4	3.1	17	0.1	0.3	0.1	41	0.22	0.062	
R 63	Soil	1.5	17.3	8.3	68	0.1	17.7	12.5	544	2.59	7.2	0.5	1.7	26	0.1	0.3	0.1	25	0.21	0.051	

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.

Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

TOLUAMIDE

3 of 10 Part 2

VAN09003894.1

[illegible]

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.

Project: TOLUAMIDE

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Report Date:

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

September 20, 2009

www.acmelab.com

4 of 10 Pat

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte Unit	1DX15																					
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %		
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001		
Soil	R64	0.6	20.8	6.1	60	<0.1	17.3	11.3	423	3.35	5.6	0.8	5.8	4.7	22	<0.1	0.3	0.1	75	0.37	0.050	
	R65	0.8	22.9	6.8	67	<0.1	17.1	9.9	303	3.43	6.3	0.8	2.0	4.8	18	<0.1	0.4	0.1	64	0.22	0.033	
	R66	1.1	19.1	10.0	75	<0.1	13.2	11.5	361	3.42	5.1	0.5	15.5	2.8	17	<0.1	0.3	0.1	64	0.24	0.044	
	R67	1.1	13.5	7.5	102	<0.1	12.7	11.3	729	3.75	5.1	0.4	<0.5	1.8	32	0.2	0.3	0.1	57	0.36	0.055	
	R68	0.5	22.4	4.2	95	<0.1	17.9	21.7	475	3.84	1.8	0.2	<0.5	0.8	32	0.1	0.2	<0.1	79	0.47	0.051	
	R69	1.1	23.5	7.1	75	<0.1	15.1	19.7	519	4.75	5.2	0.4	1.8	2.4	23	<0.1	0.3	<0.1	109	0.53	0.034	
	R70	1.2	37.3	7.9	67	<0.1	27.3	16.7	353	3.87	10.4	0.7	2.0	4.2	22	<0.1	0.4	0.1	91	0.47	0.021	
	R71	5.6	60.8	7.5	78	<0.1	17.7	11.7	301	4.64	83.3	1.1	1.0	5.5	31	<0.1	0.7	0.2	72	0.43	0.067	
	R72	1.5	13.5	9.0	66	<0.1	9.8	9.0	381	3.02	5.4	1.7	1.2	7.0	52	0.1	0.2	<0.1	51	0.25	0.033	
	R73	1.1	12.4	3.7	120	<0.1	4.7	9.6	486	3.56	1.5	1.0	1.3	3.9	40	<0.1	<0.1	<0.1	47	0.19	0.046	
	R76	0.3	21.5	8.3	71	<0.1	21.9	15.5	249	2.79	3.7	2.8	4.5	2.8	39	0.2	0.4	0.1	64	0.46	0.072	
	R77	0.5	18.1	6.9	61	<0.1	29.1	16.7	466	2.52	3.6	1.6	1.1	1.9	34	0.1	0.2	0.1	55	0.43	0.080	
	R78	1.1	17.8	7.5	76	<0.1	12.9	18.8	861	3.65	4.4	0.3	1.0	2.0	10	<0.1	0.2	0.1	93	0.15	0.036	
	R79	0.8	12.3	6.2	54	<0.1	7.8	19.2	1018	2.74	3.2	0.3	<0.5	1.3	10	<0.1	0.2	<0.1	73	0.19	0.042	
	R80	0.6	13.5	6.2	75	<0.1	12.5	11.0	490	3.21	4.7	0.5	1.4	2.3	13	<0.1	0.3	0.1	65	0.20	0.050	
	R81	0.8	13.6	6.4	65	0.1	10.0	7.0	302	2.59	3.1	0.5	2.1	1.5	14	<0.1	0.3	0.1	58	0.19	0.040	
	R82	0.8	11.0	7.7	70	0.1	10.3	8.5	510	2.87	3.9	0.6	2.1	1.7	15	0.1	0.2	0.1	55	0.22	0.061	
	R83	3.1	17.4	12.4	42	0.1	10.1	4.4	219	1.90	17.2	1.0	0.9	2.4	16	0.1	0.6	0.1	33	0.13	0.040	
	R84	1.5	13.2	10.9	62	<0.1	10.3	9.2	457	2.31	8.6	0.7	3.7	1.8	19	0.2	0.4	0.1	48	0.21	0.063	
	R85	0.7	8.5	8.4	58	<0.1	8.1	8.9	424	2.20	4.5	0.4	0.6	2.0	15	<0.1	0.2	0.1	53	0.21	0.050	
	R86	1.0	10.8	7.8	53	<0.1	10.0	5.9	309	2.37	5.7	0.3	<0.5	1.7	12	<0.1	0.2	0.1	58	0.18	0.038	
R87	0.7	11.7	7.6	58	<0.1	10.4	7.6	283	2.44	4.3	0.4	<0.5	2.1	15	<0.1	0.2	0.1	55	0.17	0.034		
R88	0.9	10.4	8.1	36	0.1	8.8	4.5	215	2.31	6.0	0.3	1.5	0.9	14	0.1	0.3	0.1	69	0.15	0.041		
R89	0.9	20.8	8.4	59	<0.1	16.3	9.3	454	2.90	6.5	0.6	0.9	2.4	16	<0.1	0.3	0.1	61	0.26	0.047		
R90	0.8	18.4	7.1	61	<0.1	19.2	12.1	491	2.58	5.6	0.7	1.4	2.4	19	0.1	0.3	0.1	55	0.28	0.060		
R91	0.9	17.7	7.9	50	<0.1	16.7	11.0	486	2.83	5.9	0.7	<0.5	2.4	16	<0.1	0.3	0.1	58	0.23	0.040		
R92	0.5	15.9	4.9	68	<0.1	13.2	11.4	543	3.03	3.9	0.5	3.6	3.8	11	<0.1	0.2	<0.1	47	0.26	0.065		
R93	1.0	16.1	5.3	71	<0.1	11.5	11.4	467	3.00	4.0	0.6	1.3	2.6	18	<0.1	0.2	<0.1	59	0.42	0.064		
R94	1.0	18.2	5.7	58	<0.1	15.4	10.7	394	2.48	5.3	0.8	4.9	2.0	21	<0.1	0.2	0.1	50	0.39	0.065		
R95	0.6	20.1	5.7	64	<0.1	17.4	12.4	586	2.44	4.4	0.8	1.2	3.0	21	<0.1	0.2	<0.1	51	0.42	0.057		

The owner undertakes all necessary 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:

Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project:

TOLUAMIDE

Report Date:

September 20, 2009

Page:

4 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte	Unit	MDL	1DX15																		
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se			
			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm			
			1	1	0.01	1	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.5			
R 64	Soil		15	28	0.78	267	0.107	1	1.82	0.014	0.16	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5			
R 65	Soil		17	27	0.75	218	0.129	1	2.16	0.011	0.13	0.1	0.02	4.3	0.1	<0.05	7	<0.5			
R 66	Soil		10	22	1.11	304	0.150	<1	2.18	0.010	0.40	<0.1	0.03	3.0	0.2	<0.05	6	<0.5			
R 67	Soil		6	20	0.82	502	0.202	1	2.21	0.010	0.54	<0.1	0.01	2.5	0.2	<0.05	7	<0.5			
R 68	Soil		3	27	1.52	338	0.248	<1	2.40	0.016	0.73	<0.1	<0.01	2.0	0.2	<0.05	7	<0.5			
R 69	Soil		6	24	1.11	276	0.141	2	2.40	0.021	0.37	<0.1	<0.01	5.4	0.1	<0.05	8	<0.5			
R 70	Soil		11	36	0.89	192	0.093	<1	2.26	0.018	0.11	<0.1	0.01	7.6	<0.1	<0.05	7	<0.5			
R 71	Soil		12	18	0.70	148	0.059	1	1.72	0.010	0.20	<0.1	0.01	6.4	0.2	<0.05	5	<0.5			
R 72	Soil		17	18	0.80	200	0.153	<1	2.18	0.031	0.29	<0.1	<0.01	2.6	0.2	0.12	6	<0.5			
R 73	Soil		11	12	1.15	169	0.266	<1	2.28	0.011	1.05	<0.1	<0.01	1.3	0.7	0.08	6	<0.5			
R 76	Soil		14	32	0.80	374	0.080	2	1.96	0.015	0.06	<0.1	0.04	6.7	0.2	<0.05	6	<0.5			
R 77	Soil		11	44	0.80	289	0.083	1	1.77	0.018	0.06	<0.1	0.03	4.5	0.1	<0.05	5	<0.5			
R 78	Soil		6	23	0.91	145	0.151	2	1.84	0.014	0.33	0.1	0.01	4.2	0.2	<0.05	7	<0.5			
R 79	Soil		5	15	0.58	119	0.103	2	1.28	0.017	0.12	0.1	<0.01	3.1	0.1	<0.05	5	<0.5			
R 80	Soil		8	21	0.68	169	0.111	2	1.68	0.012	0.14	0.1	0.02	3.7	0.1	<0.05	6	<0.5			
R 81	Soil		7	19	0.55	194	0.094	1	1.51	0.012	0.16	<0.1	0.03	3.5	0.2	<0.05	7	<0.5			
R 82	Soil		9	19	0.53	205	0.090	<1	1.70	0.017	0.16	0.1	0.04	3.7	0.2	<0.05	6	<0.5			
R 83	Soil		13	16	0.31	155	0.042	2	1.09	0.010	0.10	<0.1	0.01	1.5	0.1	<0.05	4	<0.5			
R 84	Soil		10	19	0.45	213	0.056	<1	1.33	0.012	0.11	<0.1	0.04	2.2	0.1	<0.05	5	<0.5			
R 85	Soil		9	17	0.45	174	0.062	<1	1.22	0.011	0.10	0.1	0.03	2.1	0.1	<0.05	6	<0.5			
R 86	Soil		7	17	0.49	133	0.084	2	1.37	0.011	0.09	<0.1	0.02	2.2	0.1	<0.05	6	<0.5			
R 87	Soil		10	23	0.54	211	0.085	2	1.59	0.014	0.10	0.1	0.02	2.8	<0.1	<0.05	6	<0.5			
R 88	Soil		6	16	0.39	57	0.093	1	1.33	0.009	0.08	<0.1	0.03	1.9	0.1	<0.05	8	<0.5			
R 89	Soil		10	25	0.68	220	0.098	<1	1.78	0.012	0.15	<0.1	0.02	2.9	0.2	<0.05	6	<0.5			
R 90	Soil		13	29	0.63	251	0.067	1	1.52	0.014	0.11	0.1	0.02	3.8	0.1	<0.05	5	<0.5			
R 91	Soil		10	25	0.63	207	0.078	2	1.78	0.012	0.09	0.2	0.03	3.3	0.1	<0.05	5	<0.5			
R 92	Soil		8	16	0.80	133	0.181	1	1.83	0.009	0.46	0.1	<0.01	3.3	0.4	<0.05	6	<0.5			
R 93	Soil		8	19	0.90	171	0.170	1	1.87	0.014	0.42	0.2	0.02	3.9	0.2	<0.05	6	<0.5			
R 94	Soil		11	26	0.63	212	0.067	1	1.56	0.015	0.08	0.1	0.03	3.8	0.1	<0.05	6	<0.5			
R 95	Soil		12	28	0.79	239	0.099	2	1.58	0.019	0.11	0.2	0.02	4.3	0.1	<0.05	5	<0.5			

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.



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

Client:

Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

Project: TOLUAMIDE

Report Date: September 20, 2009

www.acmelab.com

Page: 5 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte Unit	1DX15																				1DX15 V ppm	1DX15 Ca %	1DX15 P %
	MDL	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm					
R 96	Soil	1.0	17.5	7.3	72	<0.1	20.9	13.5	331	3.42	5.3	0.4	2.0	2.8	14	<0.1	0.2	0.1	63	0.21	0.041		
R 97	Soil	0.6	14.8	7.8	60	<0.1	14.5	13.3	682	2.73	4.7	0.5	<0.5	1.6	11	0.1	0.2	0.1	61	0.15	0.049		
R 98	Soil	0.7	20.4	6.8	74	<0.1	18.7	13.0	578	3.04	5.7	0.6	1.3	1.0	18	<0.1	0.3	0.1	67	0.30	0.064		
R 99	Soil	0.9	19.7	8.0	63	<0.1	16.5	12.1	538	3.30	6.1	0.5	0.9	2.2	17	<0.1	0.3	0.1	70	0.28	0.050		
R 100	Soil	1.0	20.5	8.5	61	0.1	17.7	11.0	461	3.10	6.1	0.5	2.9	2.5	15	<0.1	0.3	0.1	65	0.24	0.039		
R 115	Soil	1.3	34.4	260.5	153	1.2	9.2	4.0	209	2.77	21.1	2.4	12.1	11.6	32	0.3	0.4	4.7	30	0.14	0.039		
J 001	Soil	0.9	15.9	7.7	51	<0.1	16.1	7.6	239	2.25	5.4	0.8	5.3	3.4	22	0.2	0.3	0.2	46	0.30	0.047		
J 002	Soil	0.8	21.3	8.0	49	<0.1	16.1	8.3	365	2.26	6.2	1.0	4.1	4.8	20	0.1	0.4	0.2	44	0.33	0.045		
J 003	Soil	1.4	39.0	12.0	91	0.2	20.2	11.5	542	3.16	8.3	1.2	4.2	3.8	19	0.2	0.3	0.4	58	0.22	0.067		
J 004	Soil	4.0	55.2	11.5	77	0.2	19.6	10.6	716	2.76	7.9	8.7	2.3	3.3	45	0.2	0.3	0.3	49	0.67	0.053		
J 005	Soil	2.0	46.3	9.5	75	<0.1	12.8	8.1	325	2.33	4.4	1.9	4.4	3.2	31	0.2	0.3	0.3	43	0.48	0.055		
J 006	Soil	1.4	44.8	12.1	103	<0.1	11.2	10.3	388	2.86	6.6	0.6	2.0	2.8	18	0.2	0.3	0.3	57	0.32	0.051		
J 007	Soil	1.3	45.0	10.6	75	0.2	14.9	10.0	409	2.61	7.9	1.0	1.5	2.9	16	0.1	0.2	0.3	54	0.28	0.041		
J 008	Soil	1.3	26.8	12.1	94	0.2	17.2	8.6	352	2.74	7.5	0.8	1.0	4.5	15	0.1	0.3	0.3	55	0.23	0.025		
J 009	Soil	0.9	19.3	7.6	71	0.3	10.7	10.0	262	3.07	6.4	0.5	2.7	2.3	22	<0.1	0.2	0.2	69	0.34	0.046		
J 010	Soil	0.9	20.6	8.0	69	0.3	10.8	9.3	311	3.25	6.2	0.7	4.1	3.3	24	<0.1	0.2	0.1	59	0.24	0.032		
J 011	Soil	0.8	17.2	8.6	57	0.2	11.6	7.9	380	2.17	3.5	0.6	5.5	2.8	15	<0.1	0.2	0.1	40	0.20	0.028		
J 012	Soil	0.8	19.0	8.1	56	0.4	14.9	8.9	362	2.52	4.7	0.8	7.2	2.9	24	<0.1	0.2	<0.1	49	0.29	0.030		
J 013	Soil	1.1	19.4	9.0	56	0.7	13.9	10.4	252	3.06	6.7	0.5	46.6	2.6	25	<0.1	0.3	0.2	67	0.21	0.025		
J 014	Soil	2.0	44.8	30.4	110	0.4	20.1	27.1	690	5.80	5.9	0.6	12.0	2.1	34	<0.1	0.3	0.2	127	0.26	0.083		
J 015	Soil	1.1	36.9	7.2	97	0.2	14.2	16.1	383	4.07	2.7	0.7	7.8	4.0	30	<0.1	0.2	0.1	73	0.27	0.054		
J 016	Soil	1.2	29.8	8.9	58	0.5	15.9	9.8	271	3.15	6.6	1.0	25.0	3.4	27	0.1	0.3	0.2	68	0.23	0.047		
J 017	Soil	0.8	19.8	7.8	69	0.1	16.9	13.1	378	3.11	5.3	0.5	2.5	2.7	18	<0.1	0.2	0.2	63	0.25	0.058		
J 018	Soil	0.9	18.2	6.7	98	<0.1	14.3	17.5	646	3.81	4.1	0.7	4.2	2.9	22	0.1	0.2	0.1	85	0.31	0.083		
J 019	Soil	1.0	16.0	9.7	98	<0.1	16.9	15.2	373	3.38	5.6	0.7	3.1	3.3	20	0.1	0.3	0.1	71	0.27	0.072		
J 020	Soil	0.8	18.6	8.1	91	<0.1	16.6	16.3	440	3.14	4.2	0.8	5.2	3.2	23	0.1	0.2	0.1	61	0.34	0.084		
J 021	Soil	0.6	24.4	8.1	76	<0.1	21.8	12.4	348	3.13	5.4	0.8	4.3	2.6	25	<0.1	0.2	0.2	62	0.30	0.052		
J 022	Soil	0.4	27.3	7.6	60	<0.1	29.5	14.6	314	2.74	5.3	0.6	4.1	2.2	26	<0.1	0.2	0.1	62	0.37	0.070		
J 023	Soil	0.3	18.9	6.1	115	<0.1	16.1	22.3	754	3.92	2.8	0.5	2.5	2.5	31	0.1	0.2	<0.1	73	0.59	0.147		
J 024	Soil	0.7	36.9	9.1	78	0.1	24.3	15.4	312	2.88	5.2	1.2	3.2	2.7	28	0.2	0.3	0.1	60	0.33	0.076		

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.

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

Acme Analytical Laboratories (Vancouver) Ltd.

Report Date: September 20 2009

5 of 10 Part 2

VAN09003894.1

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

Project: TOLUAMIDE

Report Date: September 20, 2009

www.acmelab.com

Page: 6 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	1DX15																						
	Analyte	1DX15																					
		Unit	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	MDL	ppm	ppm	ppm	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	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	2	0.01	0.001	
J 025	Soil	0.9	19.9	8.5	69	<0.1	15.1	12.2	280	2.53	4.6	1.0	1.7	3.9	24	0.1	0.2	0.1	58	0.29	0.057		
J 026	Soil	1.1	31.8	8.4	90	0.1	15.3	18.3	780	3.09	3.7	0.9	5.5	1.9	29	0.1	0.2	0.1	77	0.40	0.094		
J 027	Soil	1.1	19.4	6.8	93	<0.1	14.5	18.9	714	3.34	3.9	0.6	<0.5	1.8	37	0.1	0.2	0.1	93	0.56	0.116		
J 028	Soil	0.8	17.6	7.1	72	<0.1	17.5	13.3	513	3.01	5.2	0.7	4.7	4.1	20	0.1	0.3	0.1	53	0.26	0.057		
J 029	Soil	0.9	36.4	9.4	71	0.2	20.5	14.5	479	3.60	6.6	1.4	2.9	2.8	27	<0.1	0.3	0.2	77	0.38	0.073		
J 030	Soil	0.7	21.7	8.9	73	0.1	19.7	15.2	561	3.37	7.0	0.8	1.6	2.5	25	0.1	0.3	0.2	73	0.35	0.057		
J 031	Soil	1.1	21.0	8.6	75	<0.1	18.2	15.9	615	3.66	5.6	0.7	1.1	2.7	19	0.1	0.4	0.2	74	0.26	0.063		
J 032	Soil	0.7	15.6	5.6	75	<0.1	14.9	12.7	566	3.54	4.7	0.5	0.8	3.0	20	0.1	0.2	<0.1	61	0.32	0.063		
J 033	Soil	1.0	14.3	7.8	66	<0.1	14.3	9.2	332	3.03	5.6	0.5	14.4	1.9	18	<0.1	0.3	0.1	67	0.24	0.050		
J 034	Soil	1.0	21.5	5.9	76	<0.1	31.1	14.6	440	3.37	5.7	0.5	2.4	2.8	17	<0.1	0.3	<0.1	86	0.27	0.064		
J 035	Soil	0.9	23.3	6.5	74	<0.1	19.5	17.1	589	3.53	4.4	0.6	1.5	3.0	20	<0.1	0.3	0.1	77	0.35	0.069		
J 036	Soil	0.8	17.7	6.0	83	<0.1	15.2	15.2	586	3.39	4.2	0.6	2.2	3.6	17	0.1	0.3	0.1	68	0.30	0.070		
J 037	Soil	1.4	21.3	9.6	71	0.1	18.1	14.1	962	2.86	4.8	1.1	0.7	2.2	32	0.2	0.3	0.2	61	0.53	0.058		
J 038	Soil	1.0	19.0	7.1	70	<0.1	14.7	11.7	575	2.69	4.7	0.8	2.3	2.0	28	0.1	0.3	0.1	52	0.47	0.061		
J 039	Soil	1.1	19.8	7.7	65	<0.1	23.7	11.0	326	3.08	5.5	0.6	0.7	3.0	24	<0.1	0.2	0.1	88	0.33	0.038		
J 040	Soil	0.9	23.8	8.1	67	0.2	17.2	8.7	273	2.54	3.9	0.9	1.4	1.5	31	0.1	0.3	0.2	60	0.50	0.072		
J 041	Soil	1.0	32.0	6.5	62	<0.1	56.1	13.7	329	3.07	8.0	0.4	2.8	1.6	14	<0.1	0.3	<0.1	61	0.16	0.056		
J 042	Soil	0.9	19.1	7.9	65	0.1	11.0	7.9	248	3.02	5.8	0.7	2.2	2.4	17	0.1	0.2	0.1	62	0.24	0.053		
J 043	Soil	1.0	23.0	9.3	63	0.2	14.9	7.8	204	2.82	6.5	0.8	2.0	0.9	21	<0.1	0.3	0.2	63	0.26	0.062		
J 044	Soil	0.9	14.5	6.1	84	<0.1	8.2	12.3	467	3.37	4.8	0.5	0.9	3.1	13	0.1	0.2	<0.1	64	0.33	0.112		
J 045	Soil	0.6	18.9	5.5	103	<0.1	8.0	15.3	597	4.72	4.2	0.4	<0.5	1.8	9	0.1	0.2	<0.1	72	0.26	0.100		
J 046	Soil	0.6	24.5	6.7	60	<0.1	14.0	9.6	410	2.98	3.2	0.6	1.3	4.2	15	0.1	0.2	0.1	48	0.31	0.072		
J 047	Soil	0.9	15.2	7.4	50	<0.1	9.8	6.7	304	2.84	5.1	0.7	5.5	2.4	15	0.1	0.2	0.1	61	0.20	0.038		
J 048	Soil	0.6	25.8	6.5	66	<0.1	18.5	12.3	464	3.42	5.2	0.5	2.4	2.9	13	<0.1	0.3	0.1	63	0.25	0.067		
J 049	Soil	0.8	20.3	7.9	67	<0.1	20.9	12.5	447	2.85	6.9	0.6	1.8	3.3	18	<0.1	0.4	0.2	61	0.22	0.048		
J 050	Soil	0.9	16.1	6.2	55	<0.1	17.3	10.5	312	2.32	4.2	0.6	3.1	1.5	23	<0.1	0.2	0.1	58	0.31	0.053		
J 051	Soil	0.8	16.1	7.8	89	<0.1	25.1	15.7	525	3.36	5.9	0.6	2.3	3.9	15	<0.1	0.4	0.1	60	0.22	0.054		
J 052	Soil	1.1	25.0	8.5	68	0.2	24.3	11.0	312	2.91	6.9	0.7	4.3	1.3	23	<0.1	0.3	0.2	67	0.28	0.062		
J 053	Soil	0.9	15.0	8.1	64	<0.1	15.8	8.5	191	2.65	5.2	0.5	5.9	2.2	17	<0.1	0.3	0.2	70	0.21	0.033		
J 054	Soil	0.9	13.9	7.2	60	<0.1	13.6	7.2	255	2.10	4.5	0.6	8.5	1.4	18	0.1	0.2	0.1	52	0.20	0.059		

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: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

Page: 6 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte Unit	1DX15																		1DX15																		1DX15																		1DX15																		1DX15																		1DX15																																																																																																																																																																																																																																																																																																																																																																																																																					
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	18	24	0.65	217	0.060	<1	1.65	0.014	0.06	0.1	0.02	3.7	0.1	<0.05	5	<0.5	10	24	1.00	263	0.104	<1	2.08	0.018	0.17	<0.1	0.04	4.4	0.2	<0.05	7	<0.5	8	24	1.34	296	0.148	1	2.01	0.015	0.23	0.1	0.02	3.8	0.2	<0.05	7	<0.5	16	27	0.63	224	0.083	1	1.63	0.013	0.11	<0.1	0.01	3.6	0.2	<0.05	5	<0.5	27	32	0.75	470	0.080	2	2.14	0.016	0.11	0.1	0.05	7.9	0.2	<0.05	7	0.6	14	32	0.75	300	0.078	1	1.90	0.013	0.10	<0.1	0.02	4.7	0.1	<0.05	7	0.6	13	30	0.76	258	0.093	2	2.08	0.013	0.11	0.1	0.03	5.1	0.2	<0.05	7	0.5	10	20	0.84	238	0.141	<1	1.73	0.013	0.32	0.2	0.02	4.5	0.2	<0.05	6	<0.5	10	24	0.65	202	0.101	<1	1.73	0.011	0.12	0.1	0.03	3.8	0.2	<0.05	7	<0.5	9	58	0.85	190	0.134	1	1.78	0.013	0.23	0.1	0.02	3.5	0.2	<0.05	7	<0.5	12	32	1.14	276	0.140	1	1.97	0.016	0.37	<0.1	<0.01	4.5	0.2	<0.05	7	<0.5	12	23	1.00	233	0.131	<1	1.77	0.012	0.41	0.2	0.01	3.4	0.2	<0.05	7	<0.5	15	31	0.72	372	0.092	<1	1.81	0.013	0.17	<0.1	0.04	4.0	0.2	<0.05	7	<0.5	14	26	0.69	302	0.104	<1	1.62	0.013	0.18	0.1	0.02	3.3	0.2	<0.05	6	<0.5	11	46	0.95	226	0.142	1	1.87	0.012	0.29	0.2	0.02	3.3	0.2	<0.05	8	<0.5	18	29	0.67	342	0.080	1	1.83	0.013	0.15	0.1	0.05	4.2	0.1	<0.05	7	<0.5	7	137	0.86	131	0.133	1	1.60	0.016	0.19	0.1	0.01	2.2	0.2	<0.05	6	<0.5	12	20	0.64	187	0.124	1	1.91	0.012	0.24	0.1	0.02	3.7	0.2	<0.05	7	<0.5	12	27	0.63	226	0.076	1	1.95	0.013	0.14	0.1	0.05	3.7	0.2	<0.05	8	<0.5	9	17	0.75	226	0.156	<1	1.92	0.012	0.49	<0.1	0.02	4.5	0.3	<0.05	7	<0.5	4	13	0.91	191	0.229	<1	2.90	0.009	0.89	<0.1	<0.01	2.1	0.5	<0.05	7	<0.5	17	21	0.75	151	0.118	1	1.57	0.013	0.26	0.2	0.01	2.7	0.2	<0.05	5	0.5	7	17	0.64	117	0.137	1	1.67	0.009	0.19	0.1	0.04	2.1	0.2	<0.05	8	<0.5	11	27	0.87	145	0.114	1	2.02	0.012	0.18	0.1	0.02	3.4	0.2	<0.05	6	<0.5	11	30	0.81	200	0.072	1	1.87	0.010	0.09	0.1	0.02	4.0	0.1	<0.05	6	<0.5	10	27	0.71	223	0.067	2	1.71	0.015	0.07	0.1	0.02	3.6	0.1	<0.05	6	<0.5	14	35	0.86	193	0.082	1	2.21	0.015	0.11	<0.1	0.02	4.6	0.1	<0.05	6	<0.5	11	37	0.69	306	0.052	1	2.05	0.011	0.08	0.1	0.03	4.4	0.2	<0.05	6	<0.5	9	34	0.72	178	0.094	1	1.88	0.012	0.09	<0.1	0.03	3.2	0.1	<0.05	7	<0.5	9	25	0.52	178	0.071	<1	1.43	0.012	0.09	0.1	0.02	2.4	0.1	<0.05	6	<0.5

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.



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

Acme Analytical Laboratories (Vancouver) Ltd.

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

www.acmelab.com

Page: 7 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method Analyte Unit	1DX15																			
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
J 055	0.8	10.8	6.4	50	<0.1	10.9	7.0	234	1.93	4.2	0.5	2.7	1.6	16	<0.1	0.2	<0.1	46	0.25	0.071
J 056	1.0	36.3	6.2	67	<0.1	25.1	14.4	361	3.35	6.8	0.5	2.2	3.2	28	<0.1	0.4	0.1	78	0.43	0.049
J 057	0.7	28.0	7.6	49	<0.1	26.9	10.2	220	2.90	11.2	0.6	2.6	4.7	21	<0.1	0.7	0.2	65	0.20	0.018
J 058	0.5	13.2	9.3	101	<0.1	9.8	6.3	292	2.29	5.6	0.4	15.5	2.1	19	<0.1	0.2	<0.1	39	0.21	0.053
J 059	0.9	18.0	6.6	53	<0.1	21.4	10.0	279	2.79	7.3	0.4	3.0	3.2	24	<0.1	0.4	0.1	65	0.35	0.027
J 060	0.7	21.5	6.9	61	<0.1	16.0	9.6	313	2.76	5.3	0.6	6.8	3.4	20	<0.1	0.2	0.1	71	0.30	0.032
J 061	0.7	42.0	4.8	83	0.1	24.7	15.6	904	3.75	3.0	0.8	7.5	2.6	33	0.2	0.3	<0.1	102	0.76	0.103
J 062	0.8	30.8	4.8	100	<0.1	16.1	16.8	757	4.14	5.2	0.7	3.7	3.7	23	<0.1	0.2	<0.1	103	0.48	0.066
J 063	0.9	32.2	5.4	68	<0.1	45.2	17.8	614	3.62	4.2	0.4	13.1	1.7	24	<0.1	0.3	<0.1	80	0.57	0.073
J 064	1.0	20.5	7.0	52	<0.1	21.9	9.7	249	2.78	9.2	0.4	<0.5	2.8	24	<0.1	0.5	0.1	65	0.33	0.022
J 065	0.7	22.3	5.2	59	<0.1	21.2	9.5	342	2.91	6.7	0.6	<0.5	4.8	21	<0.1	0.4	<0.1	59	0.30	0.037
J 066	0.9	27.2	7.1	60	<0.1	26.6	10.7	280	3.18	10.6	0.6	1.9	3.4	19	<0.1	0.5	0.1	77	0.23	0.024
J 067	0.7	36.0	3.9	87	<0.1	16.9	15.2	396	4.35	4.0	0.5	<0.5	2.4	13	<0.1	0.2	<0.1	138	0.20	0.055
J 068	0.5	54.5	2.3	89	<0.1	15.2	17.9	485	4.55	2.7	0.5	0.8	2.0	13	<0.1	0.1	<0.1	122	0.24	0.053
J 069	0.6	22.2	6.0	83	<0.1	16.5	15.3	339	3.79	7.9	0.4	<0.5	2.5	12	<0.1	0.4	<0.1	107	0.19	0.068
J 070	1.1	21.8	9.4	69	<0.1	26.9	12.5	334	3.32	10.0	0.4	0.9	3.3	16	<0.1	0.6	0.2	86	0.15	0.034
J 071	0.9	18.4	9.5	56	<0.1	20.9	10.9	323	3.02	9.9	0.4	0.9	3.7	14	<0.1	0.5	0.2	71	0.16	0.048
J 072	0.6	21.4	5.3	61	<0.1	20.4	11.7	366	3.15	4.0	0.5	1.6	3.5	27	<0.1	0.2	<0.1	69	0.46	0.065
J 073	0.7	18.2	6.6	62	<0.1	17.4	11.2	318	2.88	5.9	0.5	2.1	2.6	23	<0.1	0.2	0.1	72	0.37	0.064
J 074	0.7	17.5	6.3	64	<0.1	19.9	11.1	304	2.99	5.1	0.6	2.0	2.8	32	<0.1	0.2	0.1	74	0.44	0.078
J 075	0.9	28.0	6.3	77	<0.1	40.9	18.7	528	3.71	3.0	0.5	1.0	2.4	31	<0.1	0.2	<0.1	72	0.63	0.140
J 076	1.6	21.8	7.4	60	<0.1	21.5	12.5	319	3.42	7.9	0.5	2.8	2.8	21	<0.1	0.4	0.1	86	0.26	0.031
J 077	2.2	26.7	5.8	66	<0.1	29.2	14.9	550	3.44	5.3	0.4	1.4	2.0	23	0.1	0.3	0.1	80	0.38	0.067
J 078	1.5	17.9	6.4	75	<0.1	20.7	13.0	423	3.88	8.6	0.4	0.7	2.7	16	<0.1	0.5	0.1	79	0.18	0.030
J 079	1.2	33.8	9.5	94	<0.1	20.5	8.9	311	2.80	7.0	0.8	8.1	8.1	17	0.2	0.6	0.4	46	0.20	0.034
J 080	1.7	25.7	15.5	95	0.1	19.9	8.5	354	2.99	8.7	0.7	6.2	4.6	15	0.3	0.9	0.5	55	0.15	0.028
J 081	1.5	16.8	9.1	125	<0.1	10.2	6.4	341	3.12	5.8	0.6	0.6	5.2	10	0.3	0.6	0.5	46	0.09	0.042
J 082	1.3	31.9	8.4	61	<0.1	18.1	7.9	295	3.37	10.3	0.6	5.2	4.6	14	<0.1	0.5	0.3	64	0.14	0.028
J 083	1.3	69.9	12.5	90	0.7	17.4	10.1	303	2.90	7.1	0.9	5.0	4.9	22	0.2	0.4	0.6	69	0.28	0.033
J 084	1.2	24.6	25.0	98	0.7	56.6	18.6	451	3.88	6.4	0.8	0.8	5.5	26	0.2	0.4	0.4	92	0.26	0.061

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: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

Page: 7 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Analyte	Unit	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se		
		MDL	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
J055	Soil		9	21	0.40	138	0.059	<1	1.12	0.012	0.08	0.1	0.03	2.2	<0.1	<0.05	4	<0.5		
J056	Soil		13	38	0.91	389	0.146	<1	2.10	0.019	0.27	<0.1	0.02	4.7	0.1	<0.05	6	<0.5		
J057	Soil		15	39	0.58	241	0.095	<1	1.72	0.013	0.10	<0.1	0.02	4.9	<0.1	<0.05	5	<0.5		
J058	Soil		5	15	0.48	242	0.068	<1	1.50	0.011	0.31	<0.1	0.01	2.1	0.1	<0.05	5	<0.5		
J058	Soil		10	31	0.69	230	0.108	<1	1.54	0.013	0.19	0.1	0.02	3.2	0.1	<0.05	5	<0.5		
J060	Soil		14	27	0.80	262	0.101	<1	1.62	0.013	0.15	0.1	0.02	5.2	<0.1	<0.05	6	<0.5		
J061	Soil		16	34	1.29	494	0.094	<1	2.03	0.014	0.37	0.1	0.04	10.7	0.1	<0.05	7	<0.5		
J062	Soil		13	25	1.41	460	0.117	<1	2.37	0.014	0.52	<0.1	0.02	12.2	0.2	<0.05	8	<0.5		
J063	Soil		7	67	1.55	417	0.095	<1	2.35	0.018	0.18	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5		
J064	Soil		8	34	0.63	323	0.077	<1	1.79	0.010	0.09	0.1	0.01	3.2	<0.1	<0.05	5	<0.5		
J065	Soil		13	34	0.78	185	0.076	<1	1.77	0.010	0.09	0.1	0.02	3.8	<0.1	<0.05	5	<0.5		
J066	Soil		10	37	0.77	186	0.105	<1	2.27	0.015	0.11	0.1	0.02	4.9	<0.1	<0.05	6	<0.5		
J067	Soil		9	31	1.37	275	0.161	<1	2.62	0.013	0.93	<0.1	0.01	10.1	0.2	<0.05	9	<0.5		
J068	Soil		8	31	1.64	259	0.154	<1	2.98	0.020	0.57	<0.1	<0.01	9.0	0.2	<0.05	9	<0.5		
J069	Soil		7	23	1.07	170	0.148	<1	2.41	0.010	0.26	<0.1	0.02	5.2	0.1	<0.05	8	<0.5		
J070	Soil		9	43	0.62	303	0.092	<1	2.54	0.011	0.06	<0.1	0.02	3.5	0.1	<0.05	7	<0.5		
J071	Soil		10	35	0.63	179	0.076	<1	2.18	0.009	0.06	0.1	0.02	3.1	0.1	<0.05	6	<0.5		
J072	Soil		11	29	0.89	243	0.155	<1	1.69	0.017	0.18	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5		
J073	Soil		10	29	0.74	208	0.124	<1	1.67	0.017	0.07	0.1	<0.01	3.7	<0.1	<0.05	6	<0.5		
J074	Soil		11	32	0.87	204	0.127	<1	1.82	0.021	0.10	0.1	0.02	3.9	<0.1	<0.05	6	<0.5		
J075	Soil		10	53	1.09	353	0.057	<1	2.39	0.016	0.16	<0.1	0.01	5.8	0.1	<0.05	7	<0.5		
J076	Soil		11	39	0.74	253	0.113	<1	2.08	0.012	0.09	0.1	<0.01	4.5	0.1	<0.05	7	<0.5		
J077	Soil		8	48	1.04	249	0.106	<1	2.30	0.015	0.11	<0.1	0.01	4.6	<0.1	<0.05	7	<0.5		
J078	Soil		11	33	0.86	281	0.061	<1	2.25	0.009	0.09	0.1	0.01	6.9	<0.1	<0.05	7	<0.5		
J079	Soil		22	31	0.47	274	0.069	<1	1.34	0.011	0.14	0.1	<0.01	3.2	0.1	<0.05	4	<0.5		
J080	Soil		18	32	0.49	356	0.055	<1	1.67	0.009	0.12	0.1	0.02	3.1	<0.1	<0.05	4	<0.5		
J081	Soil		11	16	0.39	214	0.064	<1	1.82	0.008	0.27	0.2	0.02	3.4	0.3	<0.05	6	<0.5		
J082	Soil		12	29	0.56	318	0.115	<1	2.04	0.008	0.29	<0.1	0.02	3.4	0.5	<0.05	7	<0.5		
J083	Soil		16	28	0.69	382	0.131	<1	1.77	0.013	0.21	0.1	0.02	4.1	0.2	<0.05	6	<0.5		
J084	Soil		17	75	1.17	456	0.251	<1	2.19	0.013	0.21	0.1	<0.01	3.4	0.2	<0.05	8	<0.5		

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.

Client:

Richards, Gordon
66410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE

Report Date: September 20, 2009

Page:

8 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

	Method	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Analyte	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
J 085	Soil	7	30	0.65	247	0.073	2	2.07	0.009	0.18	0.1	0.02	3.5	0.2	<0.05	6	<0.5
J 086	Soil	8	27	0.65	169	0.093	2	1.77	0.012	0.11	0.2	0.02	2.4	0.1	<0.05	5	<0.5
J 087	Soil	11	17	0.75	233	0.093	2	1.91	0.011	0.31	<0.1	<0.01	4.0	0.3	<0.05	6	<0.5
J 088	Soil	11	19	0.86	325	0.124	1	2.14	0.013	0.32	0.1	0.02	3.5	0.2	<0.05	7	<0.5
J 089	Soil	7	19	1.03	280	0.133	2	2.15	0.014	0.31	<0.1	<0.01	4.3	0.2	<0.05	8	<0.5
J 090	Soil	13	23	0.97	256	0.182	2	2.87	0.015	0.42	0.2	0.02	3.8	0.4	<0.05	9	<0.5
J 091	Soil	11	23	0.52	192	0.101	1	1.87	0.009	0.15	0.1	<0.01	3.0	0.2	<0.05	7	<0.5
J 092	Soil	11	38	0.59	212	0.061	2	2.17	0.009	0.10	0.2	0.01	2.7	0.1	<0.05	6	<0.5
J 093	Soil	11	27	0.44	232	0.051	2	1.58	0.009	0.08	0.1	<0.01	2.0	<0.1	<0.05	6	<0.5
J 094	Soil	9	35	0.45	216	0.056	1	1.98	0.009	0.06	0.2	0.02	2.4	0.1	<0.05	7	<0.5
J 095	Soil	12	28	0.42	307	0.041	2	1.75	0.007	0.19	0.2	0.02	2.4	0.1	<0.05	7	<0.5
J 096	Soil	8	32	0.55	139	0.046	2	2.28	0.009	0.12	0.1	0.01	3.6	0.1	<0.05	7	<0.5
J 097	Soil	10	39	0.65	153	0.046	2	2.52	0.017	0.13	0.2	0.02	2.6	0.2	<0.05	6	0.8
J 098	Soil	6	21	0.99	216	0.103	2	2.91	0.009	0.22	0.1	0.02	2.3	0.3	<0.05	8	<0.5
J 099	Soil	10	42	0.51	142	0.065	2	2.52	0.009	0.05	0.2	0.03	3.9	0.1	<0.05	6	<0.5
J 100	Soil	10	49	0.53	162	0.031	<1	2.85	0.018	0.06	<0.1	0.02	3.5	<0.1	<0.05	6	1.9
J 101	Soil	11	27	0.60	179	0.050	2	1.97	0.011	0.10	0.2	0.01	3.1	0.1	<0.05	6	<0.5
J 102	Soil	15	36	0.57	196	0.076	2	1.81	0.009	0.08	0.1	0.01	3.5	0.1	<0.05	7	<0.5
J 103	Soil	12	27	0.58	177	0.090	1	2.08	0.009	0.21	0.1	0.01	3.8	0.2	<0.05	9	<0.5
J 104	Soil	6	66	1.86	303	0.252	1	2.94	0.016	0.50	0.2	0.01	3.3	0.3	<0.05	8	<0.5
J 105	Soil	14	36	0.63	165	0.079	1	2.21	0.007	0.15	<0.1	0.01	3.5	0.2	<0.05	7	<0.5
J 106	Soil	17	26	0.36	191	0.044	<1	2.11	0.008	0.11	0.1	0.01	3.3	0.1	<0.05	7	<0.5
J 107	Soil	25	36	0.44	186	0.057	1	1.97	0.009	0.19	0.1	<0.01	4.2	0.2	<0.05	6	<0.5
J 108	Soil	11	22	0.73	201	0.117	1	2.47	0.015	0.09	<0.1	0.01	2.7	0.1	<0.05	7	<0

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.



6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

www.acmelab.com

Page: 9 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Analyte	Unit	1DX15																					
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
J115	Soil		1.4	73.2	64.8	151	0.4	6.9	4.6	166	3.03	19.1	2.5	14.2	11.2	25	0.2	0.5	2.7	29	0.11	0.001		
J116	Soil		2.2	63.1	70.5	105	0.5	8.0	4.6	139	2.83	12.0	2.1	13.3	11.2	25	0.1	0.5	4.4	30	0.11	0.031		
J117	Soil		2.2	117.1	91.1	92	1.0	9.7	4.8	139	2.91	17.8	1.8	22.7	7.8	25	<0.1	0.8	10.2	39	0.14	0.027		
J118	Soil		2.5	98.7	57.2	97	1.3	9.7	4.2	137	2.98	16.4	2.3	26.7	5.3	26	0.2	0.7	6.6	37	0.12	0.044		
J119	Soil		2.2	60.0	225.4	108	1.0	7.6	3.9	173	3.30	23.2	2.3	9.8	11.8	38	0.2	0.7	4.4	31	0.11	0.041		
J120	Soil		1.6	55.8	75.1	90	0.6	10.5	5.4	166	2.83	13.4	1.8	9.0	7.6	27	0.1	0.6	3.0	39	0.15	0.029		
J121	Soil		1.0	46.1	66.5	177	0.6	13.7	6.8	267	2.67	8.3	2.2	8.3	6.8	22	0.4	0.4	3.5	42	0.16	0.042		
J122	Soil		1.0	45.5	51.1	177	0.4	10.2	5.6	252	2.74	11.4	2.1	6.4	7.2	29	0.3	0.3	2.6	42	0.20	0.037		
J123	Soil		1.5	45.3	135.5	121	5.3	4.8	2.6	114	3.76	77.1	1.9	97.0	14.6	57	0.2	1.8	12.9	20	0.06	0.053		
J124	Soil		1.8	31.1	182.2	195	0.6	3.7	2.4	175	2.94	13.0	2.9	5.8	13.8	68	0.4	0.4	1.8	23	0.11	0.071		
J125	Soil		1.3	29.5	98.7	241	0.5	6.4	5.0	267	2.58	12.3	2.5	8.6	9.7	39	0.5	0.3	1.9	26	0.14	0.043		
K01	Soil		0.8	15.7	6.5	63	0.1	13.5	9.8	617	3.01	4.9	0.4	164.1	3.6	25	0.1	0.3	0.1	66	0.34	0.045		
K02	Soil		0.4	10.4	6.5	114	<0.1	14.0	14.2	597	3.96	5.2	0.5	15.6	3.1	39	<0.1	0.3	<0.1	80	0.46	0.056		
K03	Soil		0.2	11.2	7.0	103	<0.1	13.0	8.0	324	3.79	4.5	0.6	5.4	7.2	29	<0.1	0.2	<0.1	64	0.35	0.110		
K04	Soil		0.3	7.3	5.7	94	<0.1	13.5	15.6	714	3.40	4.0	0.3	2.3	2.1	42	<0.1	0.2	<0.1	59	0.70	0.120		
K05	Soil		0.5	33.3	8.0	90	<0.1	84.8	22.7	697	5.06	4.1	0.8	2.5	6.4	47	<0.1	0.1	0.1	109	0.63	0.150		
K06	Soil		0.6	11.4	6.6	83	<0.1	14.2	12.4	529	4.88	6.8	0.6	2.3	4.7	23	<0.1	0.2	<0.1	87	0.26	0.068		
K07	Soil		0.4	7.7	7.5	129	<0.1	10.4	26.8	1169	6.79	4.6	0.4	1.7	1.8	28	<0.1	0.2	<0.1	233	0.40	0.094		
K08	Soil		0.9	12.7	6.0	85	<0.1	18.1	19.3	793	4.16	5.8	0.6	1.1	3.0	21	<0.1	0.4	0.1	99	0.33	0.102		
K09	Soil		1.4	80.9	8.7	165	<0.1	16.1	22.6	870	6.03	6.0	0.7	1.5	3.1	35	0.1	0.3	<0.1	141	0.47	0.063		
K10	Soil		0.3	43.7	5.4	194	<0.1	12.9	16.4	1335	6.07	4.3	0.7	1.7	7.7	29	<0.1	0.1	<0.1	108	0.60	0.145		
K11	Soil		0.7	100.0	5.2	154	<0.1	15.4	16.1	1211	6.42	4.5	0.9	1.2	4.9	29	<0.1	0.2	<0.1	121	0.54	0.090		
K12	Soil		0.6	35.5	11.9	66	<0.1	67.6	18.2	371	3.71	7.4	0.7	1.8	6.9	62	<0.1	0.4	0.2	81	0.67	0.097		
K13	Soil		0.6	51.8	7.3	133	<0.1	18.1	20.8	740	5.92	4.9	0.6	0.5	3.1	61	0.1	0.2	<0.1	149	0.81	0.081		
K14	Soil		0.5	26.5	6.4	93	<0.1	20.6	22.2	485	4.82	5.0	0.4	0.7	2.3	35	<0.1	0.2	<0.1	150	0.66	0.077		
K15	Soil		0.5	21.3	4.2	121	<0.1	16.9	31.1	1614	7.49	2.2	0.7	3.2	2.4	45	<0.1	0.2	<0.1	182	0.91	0.136		
K16	Soil		1.0	17.8	6.2	81	<0.1	20.5	14.3	750	4.06	7.1	0.6	4.0	3.3	27	0.1	0.4	0.1	86	0.54	0.060		
K17	Soil		1.1	29.3	88.4	97	0.2	32.5	8.8	229	2.41	5.2	1.3	4.9	7.7	37	0.2	0.3	2.0	51	0.47	0.051		
K18	Soil		3.1	70.1	80.5	128	0.5	36.6	11.4	221	4.61	17.7	1.8	15.8	14.0	75	0.1	0.3	33.6	45	0.41	0.073		
K19	Soil		1.9	27.0	9.1	124	<0.1	11.9	11.8	658	4.67	38.2	1.4	4.7	8.5	21	<0.1	0.3	0.2	56	0.38	0.037		

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.

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

Project: TOLUAMIDE

Report Date: September 20, 2009

Page:

9 of 10 Part 2

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE

Report Date: September 20, 2009

Page:

9 of 10 Part 2

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Analyte	Unit	1DX15										1DX15										1DX15										1DX15									
			La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm								
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5																						
J 115	Soil		21	14	0.28	104	0.049	1	1.33	0.013	0.08	<0.1	0.02	1.9	0.1	0.06	4	6.7																								
J 116	Soil		18	16	0.26	99	0.049	<1	1.27	0.014	0.07	<0.1	0.02	1.9	0.1	<0.05	4	5.7																								
J 117	Soil		18	21	0.37	147	0.055	1	1.48	0.018	0.08	<0.1	0.03	2.5	0.1	0.08	5	12.3																								
J 118	Soil		20	18	0.31	210	0.039	1	1.68	0.016	0.09	<0.1	0.05	2.4	0.2	0.06	5	9.8																								
J 119	Soil		28	16	0.32	158	0.066	1	1.38	0.033	0.12	<0.1	0.02	2.3	0.2	0.22	4	10.2																								
J 120	Soil		20	21	0.40	191	0.058	<1	1.45	0.016	0.08	<0.1	0.02	2.4	0.1	0.07	4	5.1																								
J 121	Soil		18	30	0.70	212	0.099	<1	1.85	0.010	0.28	<0.1	0.03	2.3	0.4	<0.05	4	4.6																								
J 122	Soil		17	19	0.64	211	0.086	<1	1.73	0.016	0.19	0.1	0.02	2.2	0.3	<0.05	4	3.4																								
J 123	Soil		34	9	0.19	142	0.050	1	0.95	0.146	0.19	<0.1	0.07	1.4	0.3	0.77	3	21.2																								
J 124	Soil		33	8	0.36	140	0.071	<1	1.45	0.069	0.22	<0.1	0.03	1.4	0.3	0.35	3	4.2																								
J 125	Soil		22	13	0.51	147	0.083	<1	1.47	0.025	0.18	<0.1	0.02	1.5	0.3	0.13	3	2.0																								
K 01	Soil		13	27	0.70	288	0.048	<1	1.71	0.010	0.11	0.2	<0.01	4.2	<0.1	<0.05	6	<0.5																								
K 02	Soil		10	26	1.12	281	0.217	<1	2.45	0.018	0.27	<0.1	<0.01	9.6	<0.1	<0.05	11	<0.5																								
K 03	Soil		30	15	0.95	451	0.067	<1	2.04	0.010	0.33	<0.1	<0.01	5.4	<0.1	<0.05	9	<0.5																								
K 04	Soil		5	20	0.90	326	0.177	<1	1.92	0.016	0.44	<0.1	0.01	6.2	<0.1	<0.05	7	<0.5																								
K 05	Soil		26	97	2.39	276	0.193	<1	2.89	0.011	0.41	0.1	<0.01	9.1	<0.1	<0.05	12	<0.5																								
K 06	Soil		10	23	1.32	298	0.212	<1	2.58	0.010	0.68	<0.1	<0.01	9.3	0.1	<0.05	10	<0.5																								
K 07	Soil		6	15	2.82	586	0.368	1	3.90	0.023	1.53	<0.1	<0.01	12.2	0.4	<0.05	15	<0.5																								
K 08	Soil		13	26	1.62	433	0.177	<1	2.59	0.018	0.49	0.1	<0.01	8.8	0.1	<0.05	10	<0.5																								
K 09	Soil		11	24	1.61	571	0.209	<1	3.17	0.027	0.81	<0.1	0.02	10.7	0.2	<0.05	11	<0.5																								
K 10	Soil		34	24	1.54	615	0.316	<1	2.84	0.017	1.38	<0.1	<0.01	9.1	0.2	<0.05	14	<0.5																								
K 11	Soil		15	30	1.79	491	0.303	<1	2.88	0.017	1.08	<0.1	<0.01	9.0	0.3	<0.05	11	0.7																								
K 12	Soil		23	92	1.41	721	0.199	<1	2.10	0.018	0.31	0.1	<0.01	6.3	0.2	<0.05	7	<0.5																								
K 13	Soil		8	28	1.60	504	0.303	<1	3.30	0.031	0.70	<0.1	<0.01	5.3	0.1	<0.05	12	<0.5																								
K 14	Soil		7	55	1.51	333	0.296	<1	2.81	0.033	0.47	<0.1	<0.01	5.3	0.1	<0.05	9	<0.5																								
K 15	Soil		11	40	2.05	429	0.193	<1	3.41	0.024	0.33	<0.1	0.03	15.7	<0.1	<0.05	12	<0.5																								
K 16	Soil		9	34	1.05	298	0.050	<1	2.45	0.014	0.17	<0.1	<0.01	7.9	<0.1	<0.05	9	<0.5																								
K 17	Soil		34	75	0.74	440	0.074	<1	1.55	0.018	0.13	0.1	0.03	3.9	<0.1	<0.05	5	<0.5																								
K 18	Soil		50	64	0.71	452	0.057	1	1.42	0.104	0.21	<0.1	0.02	3.6	0.1	0.54	5	9.6																								
K 19	Soil		20	16	0.86	329	0.092	<1	2.18	0.008	0.64	<0.1	0.01	6.1	0.3	<0.05	8	<0.5																								

These reports are preliminary 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.

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 20, 2009

www.acmelab.com

Page: 10 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN09003894.1

Method	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Analyte	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Unit	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
K 20	1.0	16.1	8.3	81	0.2	15.9	10.9	585	3.09	5.7	0.5	<0.5	2.4	24	0.2	0.3	0.1	72	0.41	0.042
K 21	0.9	121.0	209.7	791	0.4	5.8	11.6	1426	5.22	2.4	0.8	3.3	4.6	14	1.7	0.2	0.1	83	0.57	0.195
K 22	0.9	20.3	14.2	80	<0.1	28.8	12.2	595	3.57	6.7	0.6	<0.5	3.3	25	0.2	0.4	0.1	77	0.33	0.033
K 23	1.3	43.1	19.3	161	1.3	17.3	22.4	1803	5.83	3.6	0.5	5.3	3.0	18	0.5	0.2	0.1	137	0.44	0.072
K 24	1.2	17.8	8.1	65	0.1	18.4	10.8	428	3.29	7.6	0.6	0.9	3.2	22	<0.1	0.4	0.1	73	0.40	0.027
K 25	0.5	32.8	6.9	52	0.1	25.9	10.1	542	2.92	7.3	0.4	2.0	2.6	29	<0.1	0.3	0.1	69	0.71	0.039
K 26	1.2	36.9	10.7	76	0.1	25.2	13.7	641	3.65	11.3	0.9	3.0	3.8	24	<0.1	0.5	0.2	81	0.55	0.044
Q 01	0.7	30.7	6.2	110	<0.1	31.5	18.1	699	4.40	5.9	1.1	1.8	3.4	29	<0.1	0.4	<0.1	102	0.55	0.067
Q 02	0.7	13.4	7.2	59	<0.1	19.8	12.5	482	3.40	5.5	0.5	<0.5	2.6	29	<0.1	0.3	0.1	84	0.41	0.027
Q 03	0.7	45.0	7.2	62	<0.1	29.4	14.5	547	3.55	7.8	0.9	1.3	3.4	25	<0.1	0.5	0.1	86	0.35	0.047
Q 04	0.5	25.3	7.9	70	<0.1	54.4	17.6	547	4.11	5.6	0.5	<0.5	4.5	33	<0.1	0.2	0.1	89	0.51	0.132
Q 05	0.4	10.8	4.9	101	<0.1	23.0	24.6	698	5.17	4.2	0.4	<0.5	2.7	23	<0.1	0.2	<0.1	107	0.41	0.114
Q 06	0.8	15.0	7.2	64	<0.1	20.8	10.8	279	3.21	7.5	0.4	<0.5	3.3	28	<0.1	0.4	0.1	78	0.32	0.037
Q 07	0.6	28.3	5.8	77	<0.1	15.3	17.3	547	3.68	4.1	0.3	<0.5	2.0	36	<0.1	0.2	<0.1	110	0.62	0.061
Q 08	0.7	23.2	6.6	55	<0.1	22.4	9.4	350	2.93	9.0	0.7	1.8	3.6	24	<0.1	0.5	0.1	72	0.37	0.037
Q 09	0.6	54.9	6.2	73	<0.1	18.0	14.2	772	3.58	4.8	0.3	<0.5	2.0	31	0.2	0.3	<0.1	101	0.49	0.078
Q 10	0.6	30.2	8.4	86	<0.1	24.8	10.4	553	3.37	3.2	0.3	<0.5	1.4	47	<0.1	0.2	<0.1	82	0.49	0.055
Q 11	0.6	23.9	7.2	66	<0.1	21.4	9.6	572	2.91	4.7	0.4	<0.5	2.5	30	<0.1	0.3	<0.1	65	0.41	0.043
Q 12	0.7	98.7	8.3	104	<0.1	25.3	14.8	907	3.95	5.3	0.6	<0.5	3.0	37	0.1	0.3	0.1	100	0.56	0.038
Q 13	0.8	24.1	7.7	75	<0.1	23.3	9.6	346	3.56	10.0	0.6	1.6	6.3	24	<0.1	0.4	0.1	78	0.29	0.031
Q 14	1.0	43.7	8.1	74	<0.1	22.8	10.6	355	3.21	7.4	0.4	<0.5	3.0	25	0.1	0.4	0.1	74	0.36	0.025
Q 15	0.9	25.5	16.1	77	0.3	17.2	8.7	521	3.17	8.3	0.6	<0.5	4.6	25	0.2	0.5	0.1	64	0.60	0.025
Q 16	0.9	21.2	7.0	86	<0.1	22.6	10.7	521	3.33	8.0	1.0	2.0	10.6	20	0.2	0.4	0.2	64	0.42	0.039
Q 17	1.2	26.3	21.3	186	0.1	12.2	10.3	448	3.08	4.8	2.7	5.8	13.7	24	0.5	0.3	0.4	40	0.51	0.035
Q 18	1.0	51.9	51.3	191	0.3	18.0	12.6	415	3.00	8.0	2.7	5.8	6.2	46	0.6	0.5	1.3	53	0.75	0.065



Acme Analytical Laboratories (Vancouver) Ltd.

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

Project: TOLUAMIDE

Report Date: September 20, 2009

Page:

10 of 10 Part 2

10 of 10 Part 2

VAN09003894.1

Method	Analyte	Unit	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se				
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm					
		1	1	0.01	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	1					
K 20	Soil	13	30	0.78	315	0.043	1	1.92	0.010	0.12	<0.1	0.01	6.2	<0.1	<0.05	7	<0.5					
K 21	Soil	26	8	0.99	571	0.010	<1	1.96	0.006	0.15	<0.1	0.03	8.6	<0.1	<0.05	10	<0.5					
K 22	Soil	14	52	0.80	462	0.070	<1	1.94	0.011	0.16	<0.1	0.02	6.8	<0.1	<0.05	6	<0.5					
K 23	Soil	14	34	1.34	538	0.015	<1	2.43	0.007	0.21	<0.1	0.02	10.5	<0.1	<0.05	10	<0.5					
K 24	Soil	12	35	0.75	302	0.057	<1	2.03	0.010	0.14	0.1	0.01	7.2	<0.1	<0.05	6	<0.5					
K 25	Soil	13	39	0.76	410	0.061	1	1.63	0.025	0.07	0.1	0.03	5.1	<0.1	<0.05	5	<0.5					
K 26	Soil	19	37	0.77	490	0.054	2	1.80	0.013	0.21	<0.1	0.03	7.3	<0.1	<0.05	6	<0.5					
Q 01	Soil	15	62	1.64	284	0.090	1	2.60	0.008	0.09	0.1	0.01	14.5	<0.1	<0.05	10	<0.5					
Q 02	Soil	8	32	0.72	243	0.122	1	1.81	0.014	0.14	0.1	<0.01	5.3	<0.1	<0.05	6	<0.5					
Q 03	Soil	15	42	0.91	295	0.139	1	1.97	0.017	0.38	0.1	0.03	6.7	0.1	<0.05	6	<0.5					
Q 04	Soil	15	89	1.46	381	0.154	<1	2.37	0.015	0.37	<0.1	<0.01	6.9	0.1	<0.05	8	<0.5					
Q 05	Soil	11	27	2.43	288	0.180	1	2.93	0.013	0.63	<0.1	<0.01	8.3	0.1	<0.05	12	<0.5					
Q 06	Soil	10	33	0.86	200	0.113	2	1.87	0.009	0.19	0.1	<0.01	4.4	<0.1	<0.05	6	<0.5					
Q 07	Soil	7	28	0.99	292	0.169	1	2.18	0.019	0.16	<0.1	<0.01	4.2	<0.1	<0.05	6	<0.5					
Q 08	Soil	12	35	0.66	311	0.097	1	1.51	0.018	0.11	0.1	0.02	5.3	<0.1	<0.05	5	<0.5					
Q 09	Soil	5	31	1.01	551	0.124	2	2.06	0.013	0.47	<0.1	<0.01	5.2	0.1	<0.05	6	<0.5					
Q 10	Soil	5	35	0.80	337	0.111	1	2.01	0.020	0.33	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5					
Q 11	Soil	7	33	1.30	337	0.087	2	2.10	0.011	0.15	<0.1	<0.01	5.2	<0.1	<0.05	6	<0.5					
Q 12	Soil	12	38	0.91	327	0.134	2	2.10	0.014	0.23	<0.1	<0.01	8.3	<0.1	<0.05	8	<0.5					
Q 13	Soil	18	40	0.71	235	0.107	1	2.19	0.009	0.12	0.2	<0.01	6.4	<0.1	<0.05	7	<0.5					
Q 14	Soil	9	38	0.54	266	0.080	1	1.92	0.011	0.13	0.1	<0.01	4.5	<0.1	<0.05	6	<0.5					
Q 15	Soil	16	32	0.41	377	0.048	1	1.79	0.009	0.19	0.1	0.02	5.5	0.1	0.05	6	<0.5					
Q 16	Soil	24	31	0.87	402	0.031	1	2.02	0.009	0.12	<0.1	0.01	7.5	<0.1	<0.05	6	0.7					
Q 17	Soil	32	17	0.55	346	0.033	2	1.56	0.009	0.22	<0.1	0.05	3.8	0.1	<0.05	6	0.9					
Q 18	Soil	23	22	0.86	423	0.050	2	1.50	0.017	0.10	<0.1	0.07	4.7	<0.1	<0.05	5	2.0					

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

Project: TOLUAMIDE

Report Date:

www.acmelab.com

1 of 2 Part 1

QUALITY CONTROL REPORT

VAN09003894.1

Method Analyte	10X15																								
	Pulp Duplicates																								
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %					
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001					
Soil	1.0	11.2	6.4	50	<0.1	10.9	5.4	193	1.61	4.0	0.7	2.2	2.5	19	0.1	0.2	0.1	34	0.29	0.048					
	QC	0.9	11.2	48	<0.1	11.0	5.1	195	1.61	3.9	0.8	5.7	2.6	19	0.2	0.2	0.1	35	0.28	0.048					
Soil	R 31	0.9	35.5	83	0.1	14.1	11.9	341	3.41	3.6	0.8	14.5	2.6	29	0.1	0.2	0.1	80	0.32	0.051					
	QC	1.0	38.1	86	0.2	14.4	12.3	336	3.50	4.2	0.8	124.8	2.9	31	0.2	0.2	0.1	80	0.35	0.053					
Soil	R 43	1.4	56.8	7.1	67	<0.1	21.6	15.0	310	3.10	6.1	0.8	10.2	1.7	18	0.1	0.3	0.1	61	0.22	0.074				
	QC	1.4	57.1	7.2	67	<0.1	23.0	324	3.13	6.3	0.8	17.5	1.8	20	0.2	0.3	0.1	65	0.23	0.072					
Soil	R 61	2.9	20.3	12.8	75	0.1	15.7	8.0	335	2.69	11.9	1.4	3.1	5.6	17	0.1	0.3	0.1	41	0.22	0.062				
	QC	2.7	19.9	12.8	73	0.1	14.3	7.4	321	2.61	11.5	1.3	3.8	5.5	16	0.1	0.4	0.1	39	0.21	0.059				
Soil	R 82	0.8	11.0	7.7	70	0.1	10.3	8.5	510	2.87	3.9	0.6	2.1	1.7	15	0.1	0.2	0.1	55	0.22	0.061				
	QC	0.9	11.9	8.0	69	0.1	10.6	8.9	535	2.96	3.8	0.6	4.0	1.9	16	0.2	0.2	0.1	57	0.21	0.062				
Soil	J 002	0.8	21.3	8.0	49	<0.1	16.1	8.3	365	2.26	6.2	1.0	4.1	4.8	20	0.1	0.4	0.2	44	0.33	0.045				
	QC	0.9	22.3	7.8	48	<0.1	18.3	8.5	374	2.20	6.0	1.0	2.4	4.7	20	0.2	0.3	0.1	45	0.31	0.046				
Soil	J 015	1.1	36.9	7.2	97	0.2	14.2	16.1	383	4.07	2.7	0.7	7.8	4.0	30	<0.1	0.2	0.1	73	0.27	0.054				
	QC	1.0	36.6	7.2	91	0.2	13.8	16.2	400	4.09	2.7	0.7	8.7	3.8	30	<0.1	0.2	0.1	74	0.27	0.057				
Soil	J 038	1.0	19.0	7.1	70	<0.1	14.7	11.7	575	2.69	4.7	0.8	2.3	2.0	28	0.1	0.3	0.1	52	0.47	0.061				
	QC	0.9	18.5	7.4	66	<0.1	16.2	11.0	576	2.59	4.6	0.8	2.1	2.1	27	0.1	0.3	0.1	53	0.48	0.061				
Soil	J 054	0.9	13.9	7.2	60	<0.1	13.6	7.2	255	2.10	4.5	0.6	8.5	1.4	18	0.1	0.2	0.1	52	0.20	0.059				
	QC	0.8	13.6	7.4	58	<0.1	13.8	7.5	252	2.08	4.4	0.6	9.9	1.4	18	<0.1	0.2	0.1	50	0.21	0.058				
Soil	J 081	1.5	16.8	9.1	125	<0.1	10.2	6.4	341	3.12	5.8	0.6	0.6	5.2	10	0.3	0.6	0.5	46	0.09	0.042				
	QC	1.6	17.5	9.0	120	<0.1	9.7	6.7	357	3.28	5.8	0.6	0.9	5.1	10	0.3	0.5	0.5	48	0.10	0.044				
Soil	J 101	0.8	20.8	8.6	55	<0.1	20.9	11.5	309	3.00	8.9	0.6	0.9	3.3	16	<0.1	0.4	0.1	56	0.18	0.036				
	QC	0.9	21.9	8.8	56	<0.1	20.8	11.8	320	3.17	8.8	0.6	1.7	3.2	16	<0.1	0.4	0.2	57	0.18	0.037				
Soil	J 113	1.0	46.7	7.2	184	<0.1	12.9	8.9	412	3.33	5.0	0.7	2.1	7.7	12	0.3	0.4	0.5	40	0.12	0.032				
	QC	1.0	46.8	7.7	183	<0.1	12.9	8.8	392	3.21	5.1	0.7	2.9	7.6	12	0.3	0.4	0.5	38	0.12	0.031				
Soil	J 121	1.0	46.1	66.5	177	0.6	13.7	6.8	267	2.67	8.3	2.2	8.3	6.8	22	0.4	0.4	3.5	42	0.16	0.042				
	QC	1.1	45.6	66.9	172	0.6	13.4	7.0	250	2.61	8.4	2.2	7.7	7.0	22	0.4	0.4	3.6	42	0.16	0.043				
Soil	K 23	1.3	43.1	19.3	161	1.3	17.3	22.4	1803	5.83	3.6	0.5	5.3	3.0	18	0.5	0.2	0.1	137	0.44	0.072				
	QC	1.3	43.5	18.9	163	1.4	15.2	22.0	1922	6.08	3.4	0.5	3.3	3.1	20	0.5	0.2	0.1	138	0.46	0.077				

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.

QUALITY CONTROL REPORT

VAN09003894.1

Project: TOLUAMIDE
Report Date: September 20, 2009

Page: 1 of 2 Part 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

Project:

Report Date:

www.acmelab.com

Page: 2 of 2 Part 1

2 of 2 Part 1

QUALITY CONTROL REPORT

VAN09003894.1

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.

Project: TOLUAMIDE
Report Date: September 20

2 of 2 Part 2

VAN09003894.1

	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Q 02	8	32	0.72	243	0.122	1	1.81	0.014	0.14	0.1	<0.01	5.3	<0.1	<0.05	6	<0.5
REP Q 02	QC	8	29	0.72	0.108	<1	1.81	0.012	0.13	0.1	0.01	4.5	<0.1	<0.05	6	<0.5
Q 18	Soil	23	22	0.86	0.050	2	1.50	0.017	0.10	<0.1	0.07	4.7	<0.1	<0.05	5	2.0
REP Q 18	QC	24	22	0.88	0.052	2	1.55	0.016	0.11	0.1	0.07	4.6	0.1	<0.05	5	2.3
Reference Materials																
STD DS7	Standard	14	226	1.07	0.125	44	1.08	0.101	0.48	3.7	0.20	2.4	4.6	0.18	5	3.8
STD DS7	Standard	14	230	1.06	0.133	39	1.11	0.109	0.46	3.6	0.20	2.6	4.0	0.20	5	3.3
STD DS7	Standard	13	219	1.06	0.123	41	1.07	0.100	0.46	4.0	0.19	2.6	4.2	0.16	5	2.9
STD DS7	Standard	14	244	1.09	0.140	40	1.16	0.106	0.48	4.0	0.21	2.7	4.3	0.21	5	2.8
STD DS7	Standard	14	216	1.09	0.121	40	1.04	0.110	0.48	3.6	0.19	2.7	3.9	0.19	5	3.4
STD DS7	Standard	14	222	1.15	0.127	43	1.08	0.115	0.48	3.8	0.19	2.6	4.4	0.18	5	4.0
STD DS7	Standard	13	217	1.06	0.117	36	1.03	0.104	0.49	3.5	0.16	2.5	4.0	0.16	5	2.5
STD DS7	Standard	12	181	1.03	0.114	38	0.96	0.089	0.41	3.7	0.18	2.5	4.1	0.23	4	3.6
STD DS7	Standard	10	160	0.97	0.109	37	0.90	0.076	0.43	4.0	0.18	2.2	4.2	0.19	4	3.4
STD DS7 Expected		12	179	1.05	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<-0.001	<1	<0.01	<-0.001	<-0.01	<-0.1	<-0.01	<-0.1	<-0.1	<-0.05	<1	<0.5

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.

AcmeLabs

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: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: September 03, 2009
Report Date: September 21, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN09004071.1

CLIENT JOB INFORMATION

Project: TOLUAMIDE
Shipment ID:
P.O. Number
Number of Samples: 20

SAMPLE DISPOSAL

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

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

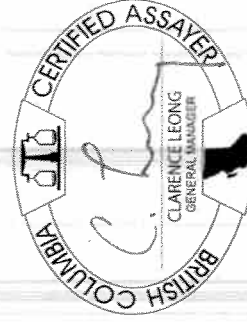
Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Code Description	Number of Samples	Test Wgt (g)	Report Status	Lab
R200	Crush, split and pulverize rock to 200 mesh	20			
1DX2	1:1:1 Aqua Regia digestion ICP-MS analysis	20	15	Completed	VAN

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.
*** 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

Project: TOLUAMIDE

Report Date: September 21, 2009

www.acmelab.com

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN09004071.1

[illegible]



Acme Analytical Laboratories (Vancouver) Ltd.

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

Project: TOLUAMIDE
Report Date: September 21

www.acmelab.com

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN09004071.1

Method Analyte Unit MDL	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se					
	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm					
R 101 Rock	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5					
R 102 Rock	0.004	<1	11	0.01	7	0.002	1	0.04	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5					
R 103 Rock	0.003	20	4	<0.01	13	<0.001	<1	0.08	0.013	0.03	<0.1	<0.01	0.2	<0.1	<0.05	<1	2.7					
R 104 Rock	0.002	<1	10	<0.01	115	0.004	<1	0.03	0.006	0.04	<0.1	0.03	<0.1	<0.1	0.65	<1	53.1					
R 105 Rock	0.003	10	7	<0.01	52	0.001	<1	0.06	0.008	0.05	<0.1	0.03	0.1	<0.1	0.12	<1	49.8					
R 106 Rock	0.007	16	6	<0.01	34	0.001	<1	0.13	0.021	0.05	<0.1	<0.01	0.2	<0.1	0.05	<1	19.7					
R 107 Rock	0.003	6	9	<0.01	62	<0.001	<1	0.03	0.006	0.03	<0.1	<0.01	<0.1	<0.1	1.19	<1	22.4					
R 108 Rock	0.006	14	7	<0.01	47	<0.001	<1	0.10	0.076	0.06	<0.1	0.01	0.1	<0.1	0.26	2	60.2					
R 109 Rock	0.005	4	9	<0.01	53	<0.001	<1	0.03	0.024	0.06	<0.1	0.15	<0.1	<0.1	0.69	<1	75.5					
R 110 Rock	0.004	8	9	<0.01	46	<0.001	<1	0.02	0.017	0.02	<0.1	<0.01	<0.1	<0.1	0.68	<1	7.2					
R 111 Rock	0.004	9	11	<0.01	41	<0.001	<1	0.04	0.014	0.04	<0.1	0.05	<0.1	<0.1	1.04	<1	61.2					
R 112 Rock	0.022	8	7	0.06	56	0.040	<1	0.52	0.017	0.11	<0.1	<0.01	0.9	0.2	<0.05	1	2.8					
R 113 Rock	0.003	1	5	<0.01	33	<0.001	<1	0.17	0.030	0.09	<0.1	<0.01	0.2	<0.1	<0.05	<1	1.3					
R 114 Rock	0.011	6	4	0.06	41	0.028	2	0.46	0.008	0.15	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5					
R 115 Rock	0.009	9	3	0.05	50	0.017	2	0.47	0.007	0.20	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5					
R 116 Rock	0.005	9	9	<0.01	26	0.001	<1	0.03	0.013	0.02	<0.1	0.14	0.1	<0.1	1.03	<1	61.4					
R 117 Rock	0.006	6	12	<0.01	42	<0.001	<1	0.02	0.003	0.01	<0.1	0.16	0.2	<0.1	1.88	<1	>100					
R 147 Rock	0.033	7	4	0.94	114	<0.001	2	0.87	0.011	0.15	1.2	0.01	2.8	<0.1	1.40	2	3.8					
R 34 Rock	0.123	9	3	0.08	132	<0.001	2	0.66	0.011	0.20	<0.1	0.01	3.3	<0.1	0.72	2	3.2					
R 35 Rock	0.105	13	6	0.14	209	0.004	2	0.65	0.014	0.20	<0.1	0.01	5.1	<0.1	0.10	2	1.5					
R 118 Rock	0.004	6	10	<0.01	46	<0.001	6	0.09	0.002	0.05	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5					

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: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 Canada

Project: TOLUAMIDE
Report Date: September 21, 2009

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN09004071.1

Method Analyte Unit MDL	1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15																			
	Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
Pulp Duplicates																				
R 35	0.53	9.0	55.8	15.7	54	0.1	10.9	12.2	183	3.86	19.6	1.4	1.4	4.7	28	0.1	0.6	0.2	13	0.29
REP R 35		8.8	55.9	15.2	53	0.1	10.9	11.9	185	3.87	19.7	1.4	<0.5	4.7	29	0.2	0.6	0.2	13	0.29
Reference Materials																				
STD DS7		18.8	100.6	64.6	387	0.8	53.2	8.6	564	2.32	50.1	4.5	58.2	4.1	65	6.3	5.4	4.6	77	0.93
STD DS7		19.5	112.9	60.6	387	0.8	48.5	9.7	577	2.35	50.7	4.5	54.8	3.6	64	6.1	5.5	4.5	77	0.95
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																				
G1	<0.01	0.2	3.8	2.8	49	<0.1	3.7	4.3	579	1.88	<0.5	2.1	<0.5	6.1	52	<0.1	<0.1	<0.1	34	0.46
G1	<0.01	<0.1	4.7	2.7	45	<0.1	3.0	4.1	571	1.98	<0.5	2.6	<0.5	7.8	51	<0.1	<0.1	<0.1	37	0.52



Acme Analytical Laboratories (Vancouver) Ltd.

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

Project: TOLUAMIDE

Report Date: September 21, 2009

www.acmelab.com

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN09004071.1

Method Analyte Unit	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se			
MDL	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm			
	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5			
Pulp Duplicates																				
R 35	0.105	13	6	0.14	209	0.004	2	0.65	0.014	0.20	<0.1	0.01	5.1	<0.1	0.10	2	1.5			
REP R 35	0.107	13	6	0.15	212	0.004	3	0.65	0.014	0.21	<0.1	<0.01	5.3	<0.1	0.10	2	2.1			
Reference Materials																				
STD DS7	0.076	11	166	1.01	384	0.106	41	0.94	0.080	0.40	3.7	0.19	2.0	3.7	0.19	4	3.5			
STD DS7	0.072	11	169	1.02	360	0.109	36	0.95	0.083	0.34	3.7	0.19	2.0	3.6	0.19	4	3.4			
STD DS7 Expected	0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5			
BLK	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
Prep Wash																				
G1	0.088	11	8	0.51	184	0.126	1	0.85	0.079	0.46	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5			
G1	0.084	11	7	0.53	158	0.120	<1	0.93	0.078	0.47	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5			

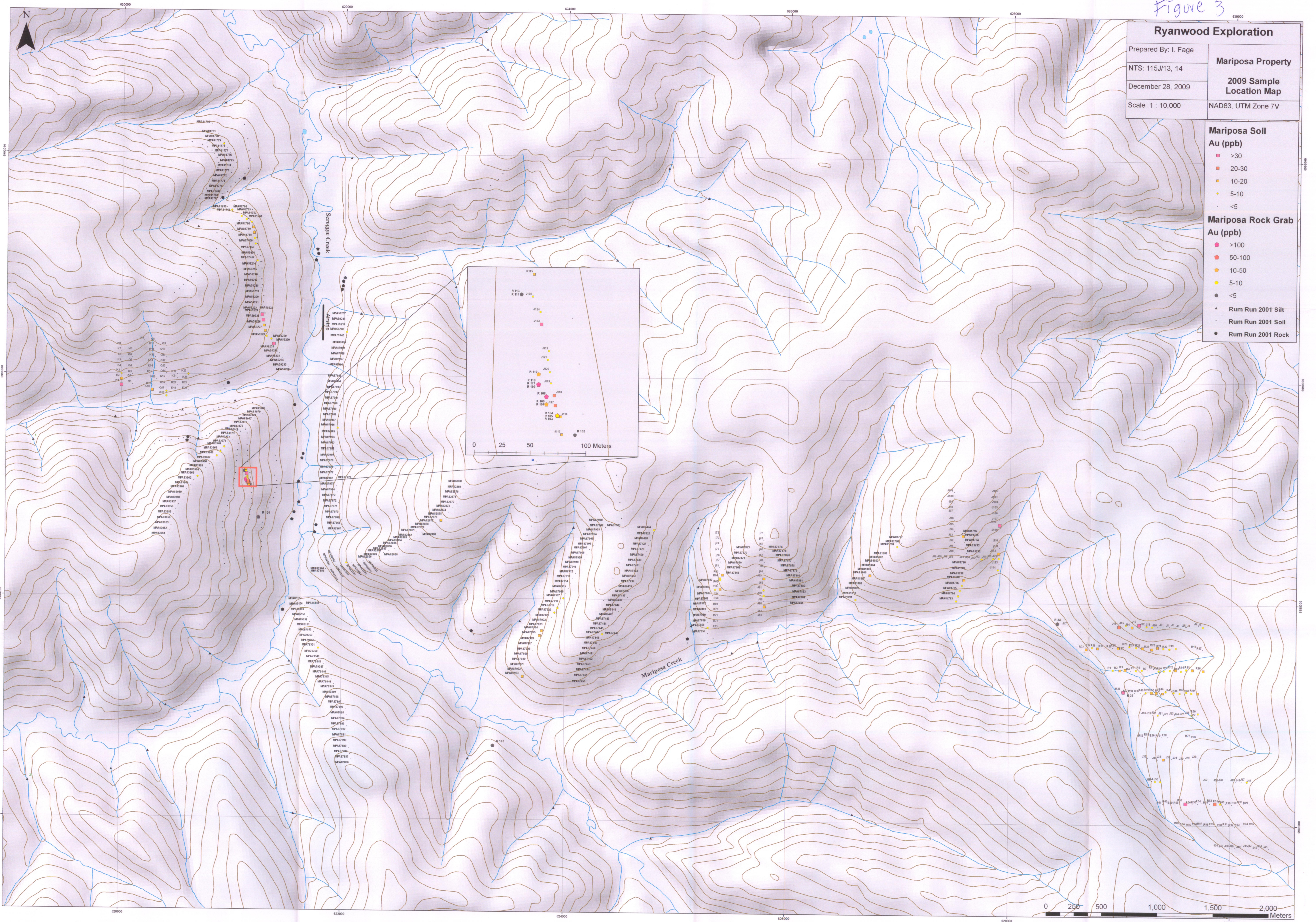
Figure 3

Ryanwood Exploration

Prepared By: I. Fage
NTS: 115J/13, 14
December 28, 2009
Scale 1 : 10,000

Mariposa Property
2009 Sample
Location Map
NAD83, UTM Zone 7V

- Mariposa Soil**
Au (ppb)
- >30
 - 20-30
 - 10-20
 - 5-10
 - <5
- Mariposa Rock Grab**
Au (ppb)
- >100
 - 50-100
 - 10-50
 - 5-10
 - <5
- ▲ Rum Run 2001 Silt
● Rum Run 2001 Soil
● Rum Run 2001 Rock



Ryanwood Exploration

Prepared By: I. Fage

NTS: 115J/13, 14

December 19, 2009

Scale 1 : 10,000

Mariposa Property

Gold Anomaly Map

NAD83, UTM Zone 7V

Mariposa Rock Grab

Au (ppb)

- >100
- 50-100
- 10-50
- 5-10
- <5

Mariposa Silt

Au (ppb)

- >15
- 10-15
- 5-10
- 1-5
- <1

Mariposa Soil

Au (ppb)

- >30
- 20-30
- 10-20
- 5-10
- <5

Black Labels = Mariposa 2009 samples
Green Labels = Run Run 2001 samples

