ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Geological Report on the Sidina Property
TOTAL COST: $ 85099.33
AUTHOR(S): Gregory Thomson
SIGNATURE(S):
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 4321212 – Aug/17/2009. 4339390 - Sep/08/2009.

YEAR OF WORK: 2009
PROPERTY NAME: Sidina
CLAIM NAME(S) (on which work was done): 530638, 536839, 538846,

COMMODITIES SOUGHT: Au, Ag, Cu, Pb, Zn, Cd.

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: 93M.038
MINING DIVISION: Omineca
NTS / BCGS: 93M . 033
LATITUDE: 55 ° 25 ' 10 "
LONGITUDE: 127 ° 32 ' 50 " (at centre of work)
UTM Zone: 9N EASTING: 0592788 NORTHING: 6142850

OWNER(S): TAD Capital Corp.
MAILING ADDRESS: 1470-701 West Georgia Street. Vancouver, BC. V1A 1Z1
OPERATOR(S) [who paid for the work]: TAD Capital Corp.
MAILING ADDRESS: 1470-701 West Georgia Street. Vancouver, BC. V1A 1Z1

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

The property is underlain by clastic sedimentary rocks (mainly calcareous tuff and argillite) of the Middle Jurassic to Lower Cretaceous Bowser Lake Group. The strata strike north, dipping approx. 15° west. Granodiorite, of the Eocene Babine Intrusions intrudes the sedimentary rocks in the area.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Noranda -16601 and 17290, Golden Sabre Resources 28862

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)		ON WHICH CLAIMS		PROJECT COSTS APPORTIONED (incl. support)	
GEOLOGICAL (scale, area)	1:500		536839	536839		
Ground, mapping	2000m					15019.87
Photo interpretation						
GEOPHYSICAL (line-kilometres)						
Ground						
Magnetic	15km		536839	530638		10000.00
Electromagnetic						
Induced Polarization						
Radiometric						
Seismic						
Other						
Airborne						
GEOCHEMICAL (number of samples analysed for ...)						
Soil	151		530638	538846		15019.87
Silt						15019.87
Rock	42		530638	536839		
Other						
DRILLING (total metres, number of holes, size, storage location)						
Core						
Non-core						
RELATED TECHNICAL						
Sampling / Assaying						
Petrographic						
Mineralographic						
Metallurgic						
PROSPECTING (scale/area)	1:500		530638	536839		15019.87
PREPATORY / PHYSICAL						
Line/grid (km)						
Topo/Photogrammetric (scale, area)		11.2km	530638	536839		15019.87
Legal Surveys (scale, area)						
Road, local access (km)/trail						
Trench (number/metres)		250m	530638	536839		15019.87
Underground development (metres)						
Other						
				TOTAL COST		85099.33

GEOLOGICAL REPORT

on the

SIDINA GOLD-SILVER PROJECT

Latitude: 55° 25’ 24’’ N
Longitude: 127° 31’ 13’’ W

Sidina-Silver Prince-Collins Claims
Omineca Mining Division, British Columbia
NTS Map Sheet 93M 043

For

TAD CAPITAL CORPORATION
Suite 1470-701 West Georgia Street
Vancouver, British Columbia V7Y 1C6

By

Gregory Thomson, P.Geo.
Thomson Geological Consulting
Langley, British Columbia
Dated: November 15th, 2009

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1.0 SUMMARY

The Sidina Property is located 22 kilometres northeast of Hazleton, British Columbia in the Omineca Mining Division. The property was explored for vein type gold mineralization by Noranda in 1987 and 1988.

In August 2009 Rio Minerals Limited commenced gold exploration and evaluation of the property on behalf of TAD Capital Corporation. The work reported in this report was performed between September 12 and 26, 2009.

Mineralization consisting of gold, silver, copper, lead, and zinc occurs within multiple, sub-parallel veins. The veins appear to be persistent over considerable strike lengths. The veins are hosted by the Cretaceous monzonite to granite intrusion and extend into the surrounding hornfelsed sediments of the Bowser-Skeena Group.

Gold mineralization on the property conforms to a broadly defined intrusion related class of deposits. The distinctive feature of this class of gold deposits are sheeted arrays of parallel, single-stage quartz veins which are found over 10s to 100s of metres and preferentially located in the pluton's cupola. These types of veins are also described as the "reduced intrusion-related gold systems" represented by Fort Knox, Pogo, Donlin Creek, and Dublin Gulch deposits in Alaska and the Yukon.

The mineralization observed to date has two mineralogical characteristics that impact the precious metal grades:

- mineralization dominated by arsenopyrite-pyrite banded intergrowths
- mineralization dominated by banded arsenopyrite with minor pyrite-galena-sphalerite-tetrahedrite at the vein margins

Locally, the veins carry small amounts of copper sulphides that include tetrahedrite. This mineral association is of particular significance as it produces the highest gold grades - reaching up to 52.48 g/t gold (723352).

There are a minimum of nine narrow, shallow dipping, quartz-sulphide veins present over the "Camp Area" which to date measures 130 x 150 metres. The area has minimal rock exposure although the depth to bedrock is relatively shallow. Oxidized quartz-sulphide float is present in numerous locations and extends beyond the areas sampled. The 2009 soil survey outlined a weak gold-in-soil anomaly extending to the south of the Camp Area. The anomaly is enhanced by the presence of copper-in-soils which in turn is indicative of sulphide dispersion. The multi-element anomalies in the same area include arsenic, lead, and zinc.

A program of 2000 metres of diamond drilling is recommended to test the extent of precious metal mineralization in three locations between the West and East Creeks. The main objective would be to sample and evaluate the density of veining per unit of core length versus grade. Drilling would also allow collection of vein orientation data from various depths below surface. Three areas are recommended for drill testing with two holes from each location.

2.0 INTRODUCTION

The Sidina Property is located 22 kilometres northeast of Hazleton, British Columbia in the Omineca Mining Division (Figures 1 and 2). The property encompasses occurrences of silver-lead-zinc-gold veins explored by trenches in the early 1980's. Exploration work by Noranda in 1987 and 1988 had focused on the significant gold grades carried by numerous narrow quartz veins hosted within granitic stock and hornfelsed sediments. There was no work reported on the property between 1988 and 2006.

In August 2009 Rio Minerals Limited commenced gold exploration and evaluation of the property on behalf of TAD Capital Corporation.

Mineralization consisting of gold, silver, copper, lead, zinc occurs within multiple, sub-parallel veins. The veins appear to be persistent over considerable strike lengths. The veins are hosted by the Cretaceous monzonite to granite intrusion and extend into the surrounding hornfelsed sediments of the Bowser-Skeena Group.

Gold mineralization on the property conforms to a broadly defined intrusion related class of deposits. The distinctive feature of this class of gold deposits are sheeted arrays of parallel, single-stage quartz veins which are found over 10s to 100s of metres and preferentially located in the pluton's cupola (Figure 5). These types of veins are also described as the "reduced intrusion-related gold systems" represented by the Fort Knox, Pogo, Donlin Creek, and Dublin Gulch deposits in Alaska and the Yukon.

The 2009 exploration program included rock sampling, grid soil geochemistry, and ground magnetometer surveys. The layout of the grid was designed to expand the soil survey to the south and southwest from the historical showings, along strike extensions of the gold-bearing veins. In addition, hand-trenching and sampling was performed over historically documented areas of mineralization (Noranda, 1988). Geological mapping was carried out along the West Creek and over selected areas of poor rock exposure.

Rock samples were collected by Christopher Baldys, P.Eng, Robert Paeseler, Andrew Molnar, and Lyle Gregory under the supervision of Christopher Baldys, P.Eng. Soil samples were collected by Robert Paeseler, Andrew Molnar, and Lyle Gregory.

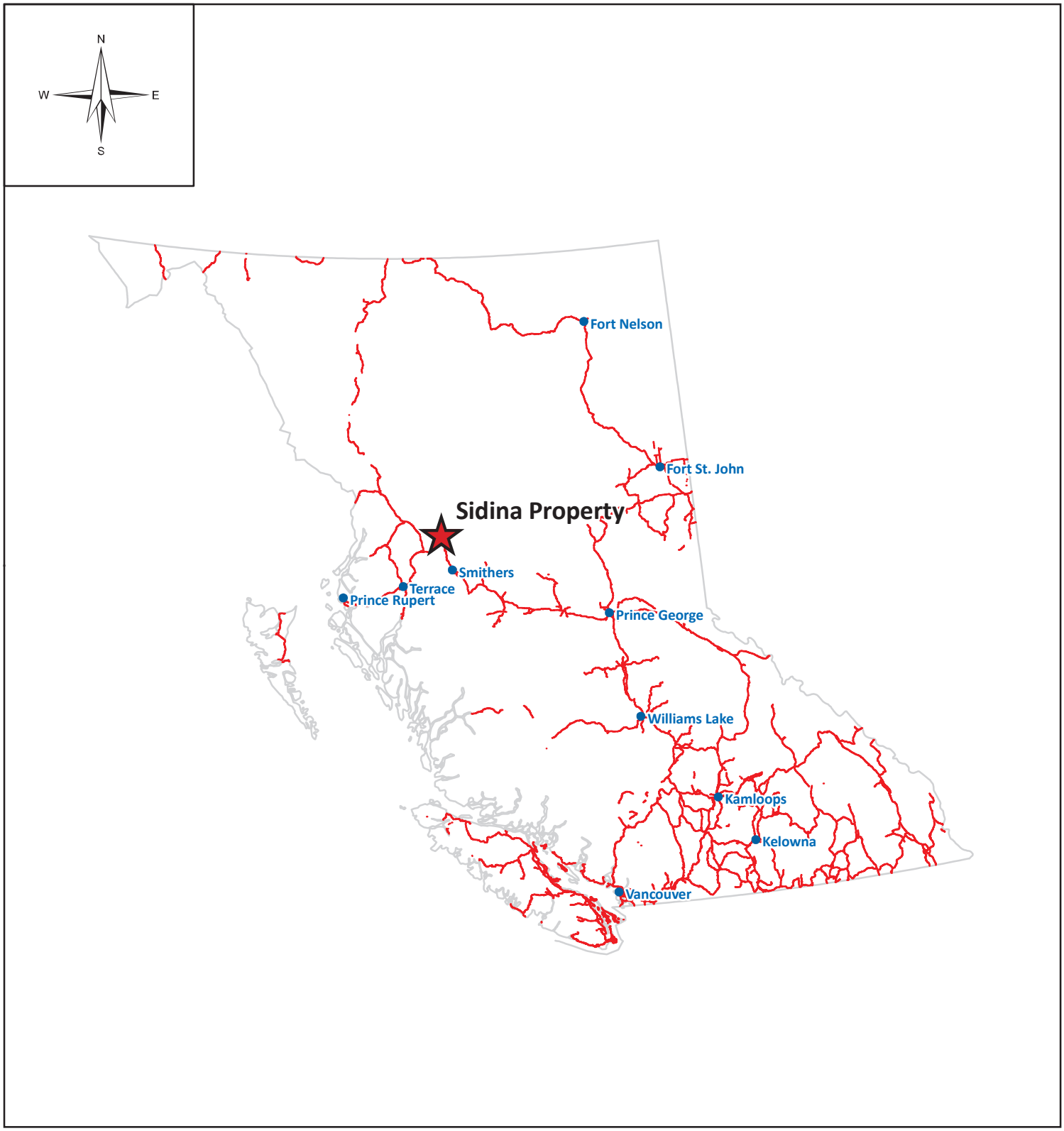


Figure 1
Sidina Property
Regional Location Map

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000,000
Datum:	UTM NAD83 Zone 9
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

LEGEND

- Sidina Property
- City / town
- Paved road
- Province boundary

1 cm = 100 km

0 100 200 400 600 Kilometers

3.0 PROPERTY DESCRIPTION

The property is centered on Latitude 55º 25’ N and Longitude 127º 30’ W within NTS map sheet 93M 043. The Sidina claim group consists of eight un-surveyed contiguous MTO (Mineral Titles Online) tenures located in the Omineca Mining Division of British Columbia, Canada (Figure 2). The total claim area is 3387 hectares.

Claim data is summarized in the following table and a map showing the claim is presented as Figure 2.

Table 1: Sidina Mineral Tenures

Tenure Number	Claim Name	Area (ha)	Good To Date
536839	SIDINA	1156	2010/aug/29
538897	SIDINA-6	440	2010/aug/29
538846	SIDINA - 5	110	2010/aug/29
530640	SIDINA-4	385	2010/aug/29
530638	SIDINA 3	458	2010/aug/29
532956	SILVER PRINCE	440	2010/aug/29
625743	Collins 1	460	2010/aug/29
625745	Collins 3	460	2010/aug/29

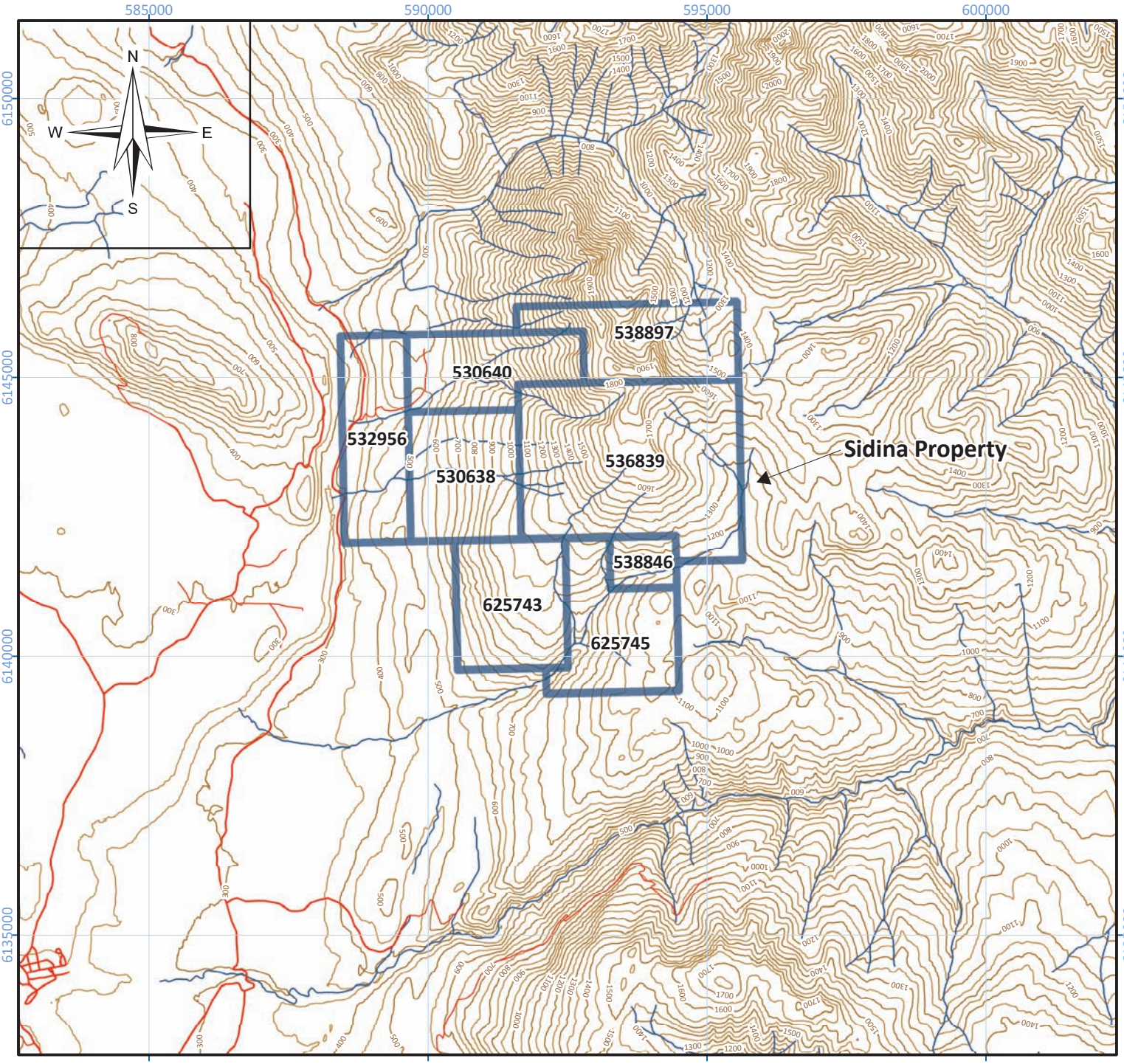


Figure 2
Sidina Property
Claim Tenure Map

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:100,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map

1 cm = 250 km

0 500 1,000 Kilometers

Legend

- Road (primary)
- Road (secondary)
- Railway
- Drainage
- Contour (100m interval)
- Contour (50m interval)

1 centimeter = 1,000 meters

0 1,000 2,000 4,000 Meters

4.0 LOCATION, ACCESS AND TOPOGRAPHY

The Sidina Property is located 22 kilometres northeast of Hazleton, British Columbia, in the Omineca Mining Division (Figure 1). Hazelton and the surrounding communities have a population of approximately 1,500. Hazelton lies on Highway 16, the major corridor connecting the main city of Prince George to the deep-sea port of Prince Rupert. The nearest major supply and services center is the town of Smithers, located 70 kilometres south of Hazelton. Logging, mining, and tourism are the main economic activities in the area.

Access to the property is by helicopter from Smithers or via a network of logging roads traversing the western boundary of the property along the banks of Skeena River. The distance from the Sidina gold showings to the main logging road is 4.5 kilometres.

The property is situated at the southern extent of the Skeena Mountains and covers a 28 sq km area ranging from 1035 metres to 1828 metres in elevation. The topography of the property consists of subdued alpine terrain and deeply incised streams. Sidina Creek, West and East Creeks, as well as many others in the area flow throughout the field season, whereas some creeks are dry after July.

Annual precipitation in the valley ranges from 50 to 100 centimetres, with average summer temperatures around 15 degrees centigrade and winter temperatures ranging from -10 to -15 degrees Celsius. Valleys and mountainsides are forested up to about 1400 metres, with various mixtures of hemlock, spruce, cedar, balsam fir, balsam poplar, and lodge pole pine.

5.0 EXPLORATION HISTORY

The Silverton prospect, located on the south side of Sidina Mountain had a short history of production dating back to 1981 which realized 250,655 grams of silver, 415 grams of gold, 9168 kilograms of lead, and 13,066 kilograms of zinc from 143 tonnes of ore (Minfile Report #93M 038).

With the exception of several open-cuts and small pits there are no mining excavations on the property.

During the summer of 1986, Paul Huel staked the Raven 1-6 claims and enacted a small sampling programme with the highest rock sample assaying 0.942 opt Au.

From 1987-1988, Noranda Mining and Exploration Inc. conducted two work programs on the Raven claims which consisted of prospecting, geology, and geochemical surveys. The conclusions and recommendations of that work were summarized in 1988 report by Noranda as follows:

"A large number of quartz-arsenopyrite-sphalerite veins are found in and around granitic Bulkley intrusive and surrounding hornfelsed Bowser Lake Group sediments. High grades for Au-As-Ag-Zn mineralization occur, but over narrow widths (less than 0.3 m). One grab sample (26801) of a quartz-pyrite-arsenopyrite vein assayed 0.882 opt (30.2 gmt) gold and 2.28 opt (78.1 gmt) Ag. The best chip sample (26755) assayed 0.82 opt (28 gmt) Au over 27 cm with 3.09 opt (105 gmt) Ag. Further work should be directed to locating additional gold mineralization as lower grade, large tonnage disseminated or stockwork zones, or as higher grade veins of greater width than found so far on the claims".

The claims were allowed to lapse and lay dormant until staked by Cadre Capital Inc. of Vancouver, B.C. who acquired the present claims in 2005.

In 2006 Cadre Capital vended the claims to Golden Sabre Resources, a private company, who carried out a limited work program consisting of rock sampling and soil-grid geochemistry.

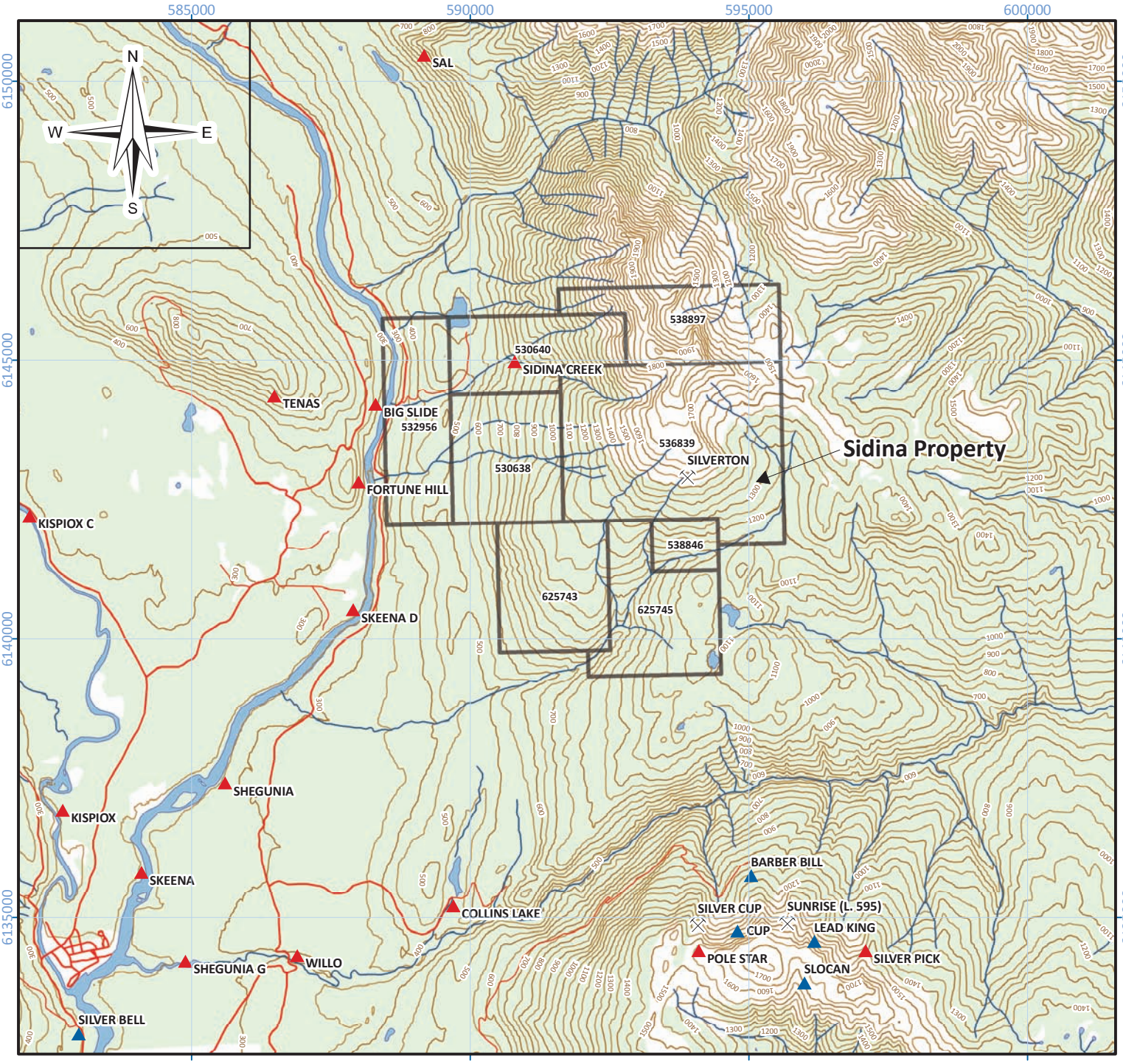


Figure 3
Sidina Property
Minfile Map

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:100,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M05, 93M06
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map

Legend

- Past producer
- Prospect
- Showing
- Road (primary)
- Road (secondary)
- Railway
- Drainage
- Contour (50m interval)
- Contour (100m interval)
- Vegetation cover

1 centimeter = 1,000 meters

Meters

0 1,000 2,000 4,000

6.0 2009 WORK PROGRAM

The 2009 work program consisted of 11.2 kilometers of grid extension, 15.0 kilometers of total field magnetics, 30 meter of hand-trenching, and the collection of 151 soil and 47 rock samples. Geological mapping at a scale of 1:5000 was performed along the West Creek where several narrow quartz-sulphide veins carrying elevated gold values were recently discovered.

Geological traverses below the tree line were conducted to evaluate the extent of granitic rocks within poorly exposed areas to the south of the main gold showings.

7.0 REGIONAL GEOLOGY

The Sidina Property is situated at the margin of the Jurassic to Cretaceous Bowser basin that produced a succession of marine and non-marine sediments overlapping the Stikina Terrane. This very thick succession of sedimentary rocks has not been subdivided in the area of the southern Babine Range where Sidina Mountain is situated (western part of 93M map sheet). Present mapping has recognized two stratigraphic components; Middle Jurassic to Upper Cretaceous Bowser Group and overlying Lower Cretaceous Skeena Group (C.A. Evenchik et al, 2008). These rocks consist of clastic sedimentary and minor volcanic rocks deposited in local fault-bounded successor basins and in the Bowser basin, a portion of which underlies northwestern part of the Hazelton map area.

In the Babine Range, there is no evidence of the Upper Cretaceous calc-alkaline volcanic rocks of the Kasalka Group extruded from several volcanic centers. However, based on the most recent map compilation by the Geological Survey of Canada (C.A. Evenchik et al, 2008), coeval plutonic rocks that formed the Bulkley Intrusions are represented by two elongate granitic stocks traversing the southwest ridges of Sidina Mountain. Aside from contact effects near intrusive bodies, metamorphism is light, reaching prehnite-pumpellyite facies.

The sedimentary strata were subjected to contraction tectonics resulting in the Skeena Fold Belt which affected all Cretaceous and older strata in the region. Most folds in the Babine Range trend northwesterly. Block faulting is present on a regional scale. Northerly faults traversing the western part of the property have been identified by the GSC. These and other faults of this type have controlled the location of the major mountain valley systems, as well as many of the intrusive rock suites and mineral deposits in the area.

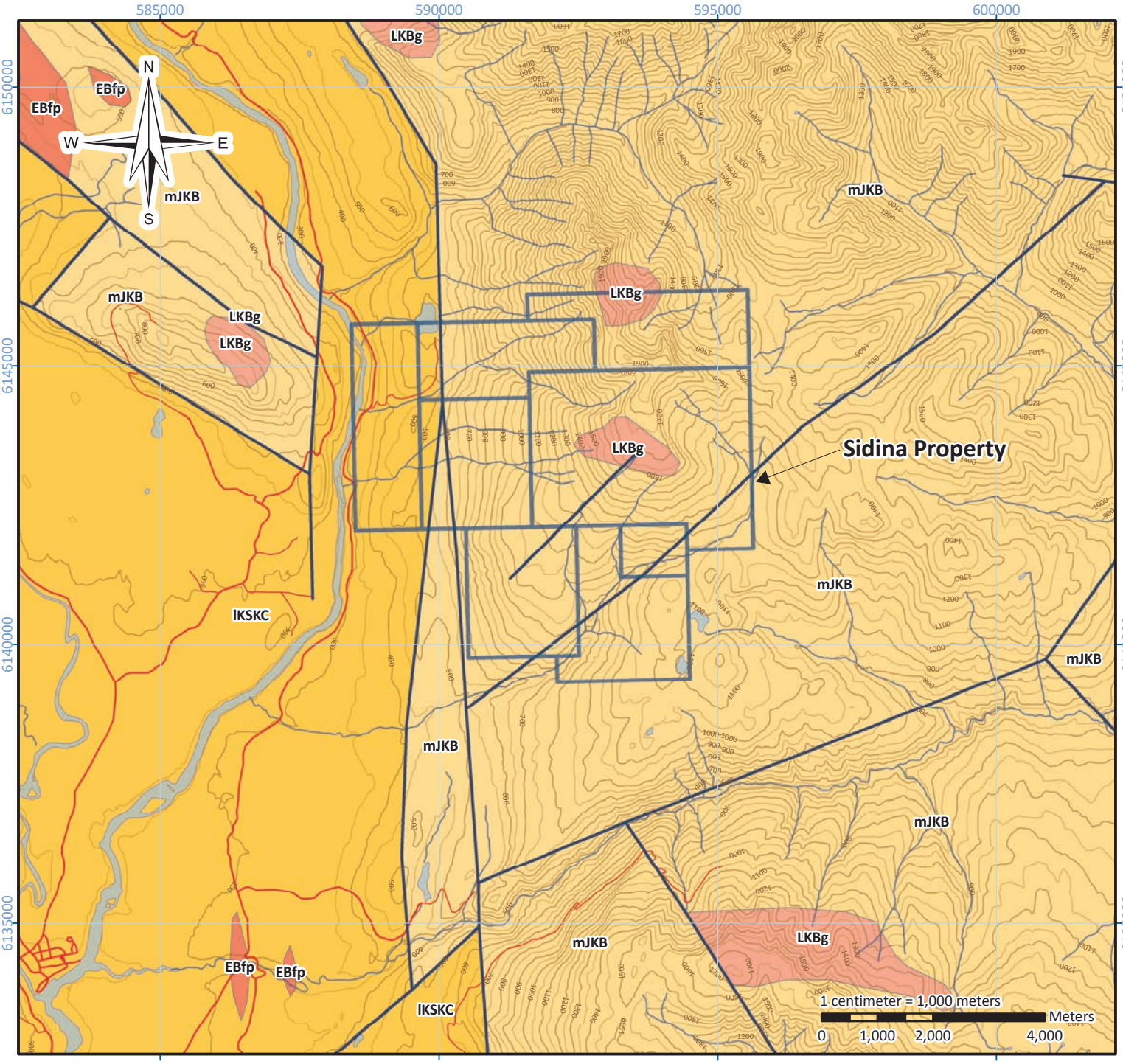


Figure 4
Sidina Property
Regional Geology Map

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:100,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M05, 93M06
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map

Legend

- Road (primary)
- Road (secondary)
- Railway
- Drainage
- Contour (50m interval)
- Contour (100m interval)

Lithology Legend

Eocene

Babine Plutonic Suite

EBfp feldspar porphyritic intrusive rocks

Late Cretaceous

Bulkley Plutonic Suite

LKBg intrusive rocks, undivided

Lower Cretaceous

Skeena Group

IKSKC **Kitsuns Creek Formation:** coarse clastic sedimentary rocks

Middle Jurassic to Late Cretaceous

mJKB undivided sedimentary rocks

8.0 PROPERTY GEOLOGY

8.1 Lithology

The main prospect area is underlain by hornfelsed sediments of the Middle Jurassic to Upper Cretaceous Bowser assemblage. Within the central property area, the Bowser-Skeena sediments were intruded by granite and monzonite of the Late Cretaceous Plutonic Suite. This intrusive event is a focal element of the geology and gold mineralization on the Sidina Property. The stock has an elongate shape measuring 4 km from northwest to southeast and roughly 2 km across based on the most recent map compilation by the Geological Survey of Canada (C.A. Evenchik et al, 2008). This stock locally displays trace amounts of pyrite, plus lesser arsenopyrite and sphalerite (Payne, 2006). The gold mineralized quartz veins are situated at the southeastern margin of the pluton's cupola. In this area the pluton outcrops over an area measuring 1.5 x 1.5 km.

The outcrop exposure above the tree line is 10% and the overburden thickness ranges from 0.2 to 0.8 metres. With the exception of main creeks, bedrock exposures are scarce below the treeline.

The granites and monzonite phases are surrounded by brownish-black coloured, hornfelsed argillites and hornfelsed sandy siltstones. Hornfelsed sediments display a dense, very fine-grained, granulose character, exhibiting accessory amounts of hornblende. The hornfels zone is a highly irregular interface that crudely trends northwest, as evidenced by the jagged distribution of contrasting lithologies in outcrop (G. Thomson, 2006).

Multiple generations of porphyritic monzodiorite and porphyritic rhyodacite dikes occur along the metamorphic aureole and within surrounding sediments. The massive porphyritic monzodiorite dikes display sharp, linear contacts with surrounding hornfels and trend northwest and northeast. Porphyritic rhyodacite dikes crosscut the Cretaceous granite intrusive and hornfelsed sediments along consistent, high-angle, west-northwest and north-northeast orientations.

8.2 Structure

Structure is dominated by block faulting which might be obscured by the later intrusive events. A northeasterly fault along Pinenut Creek drainage in the southeastern corner of the property was mapped by the GSC.

A northeasterly fault, striking 045º dissects the Sidina pluton in the area of main showing along the West Creek. Oriented diagonal to this fault are numerous shears and open fractures that control pyrite-sericite alteration.

There are numerous shears and fracture zones trending northwesterly, northerly, and northeasterly as demonstrated by bedrock exposures along prominent creeks. Locally, contacts between intrusive and hornfelsed sediment rafts and pendants are followed by zones of brittle shearing. Other contacts have offsetting movement recorded along planar fractures and appear to control some of the sub-parallel quartz-sulphide veins and lenses. This was documented in the West Creek at the 1320m elevation. The contact is trending 300º and dipping to the northeast at 075º.

Lithological offsets along the observed structures and contacts do not appear to be significant judging from the lack of gouge zones or crushed/brecciated lithologies. Compressional shortening is evidenced by axial-planar cleavages, buckling features and dilatant fractures. These locally contain un-mineralized quartz and quartz-carbonate lenses and stringers.

Hornfelsed sediments are hard and have a brittle-fractured appearance. In addition, the numerous rafts, xenoliths, and contact zones within the intrusion are susceptible to shearing.

9.0. ALTERATION AND MINERALIZATION

The presence of hornfelsed sediments defines the extent of thermal aureole around the Sidina intrusion. The thermal aureole is the main focus of exploration for economic gold-bearing veins forming stockworks or sub-parallel vein arrays.

Hydrothermal alteration affecting hornfelsed sediments consists of highly irregular and discontinuous zones of quartz-sericite-pyrite and accessory chlorite. These disseminated and fracture controlled zones display pyrite ranging from 5 to 30% and are up to 0.5 mm in size (Payne, 2006). Quartz-sericite-pyrite altered hornfels commonly occur in scattered outcrops as small, highly jagged masses. Fracture controlled pyritization of both hornfels and granitic rock types is aerially extensive but does not indicate the areas of quartz-sulphide veining of economic interest.

Mineralization consists of variably spaced, narrow quartz-sulphide veins ranging from 1 to 47 cm in thickness. Sulphide content ranges from 2 to 45%. The veins are hosted by all lithological rock types affected by the thermal aureole and include sheared margins of rhyolite porphyry dykes that cross-cut the granitic pluton.

The majority of the veins found within the Sidina intrusion and the contact aureole are single-phase, gold-bearing, quartz-sulphide type veins. Past work had recognized that the sulphide mineralogy of individual veins varies along strike and possibly along dip direction. Sulphide content ranges from 2 to 45%, and consists mainly of arsenopyrite (up to 30%) and pyrite (up to 30%).

The mineralization observed to date has two mineralogical characteristics that impact the precious metal grades:

- mineralization dominated by arsenopyrite-pyrite banded intergrowths
- mineralization dominated by banded arsenopyrite with minor pyrite-galena-sphalerite-tetrahedrite at the vein margins

Banded arsenopyrite contains scattered grains of sphalerite. This was identified during microscopic study of one petrographic sample (Payne, 2006). Native gold was not identified during a detailed re-examination of the arsenopyrite in the sample studied.

Locally, the veins carry small amounts of copper sulphides that include tetrahedrite. This mineral association is of particular significance as it produces the highest gold grades. Locally, the veins also contain up to 0.5% of galena and up to 7% sphalerite. The highest gold grades also correlate with highly anomalous bismuth and antimony.

The quartz-sulphide mineralization appears to be confined to the broad, northwesterly trending contact aureole surrounding the elongate Cretaceous stock. Non-hornfelsed sediments distal to the aureole do not display veining and associated pyritic alteration, as observed to date. The full extent of thermal aureole surrounding the intrusion, which is largely concealed, remains to be established.

There are indications that some distance away from the contact aureole there are quartz veins mineralized with sphalerite and galena that display a low gold content. An example of this type of vein is the sample 723386 that produced 5.8ppb gold and 22.8 g/t silver.

Structurally controlled sulphide occurrences (pyrite and arsenopyrite) were also noted in thin, tabular, silicified zones, quartz-sulphide stringer stockworks, and silica-cemented fault breccias.

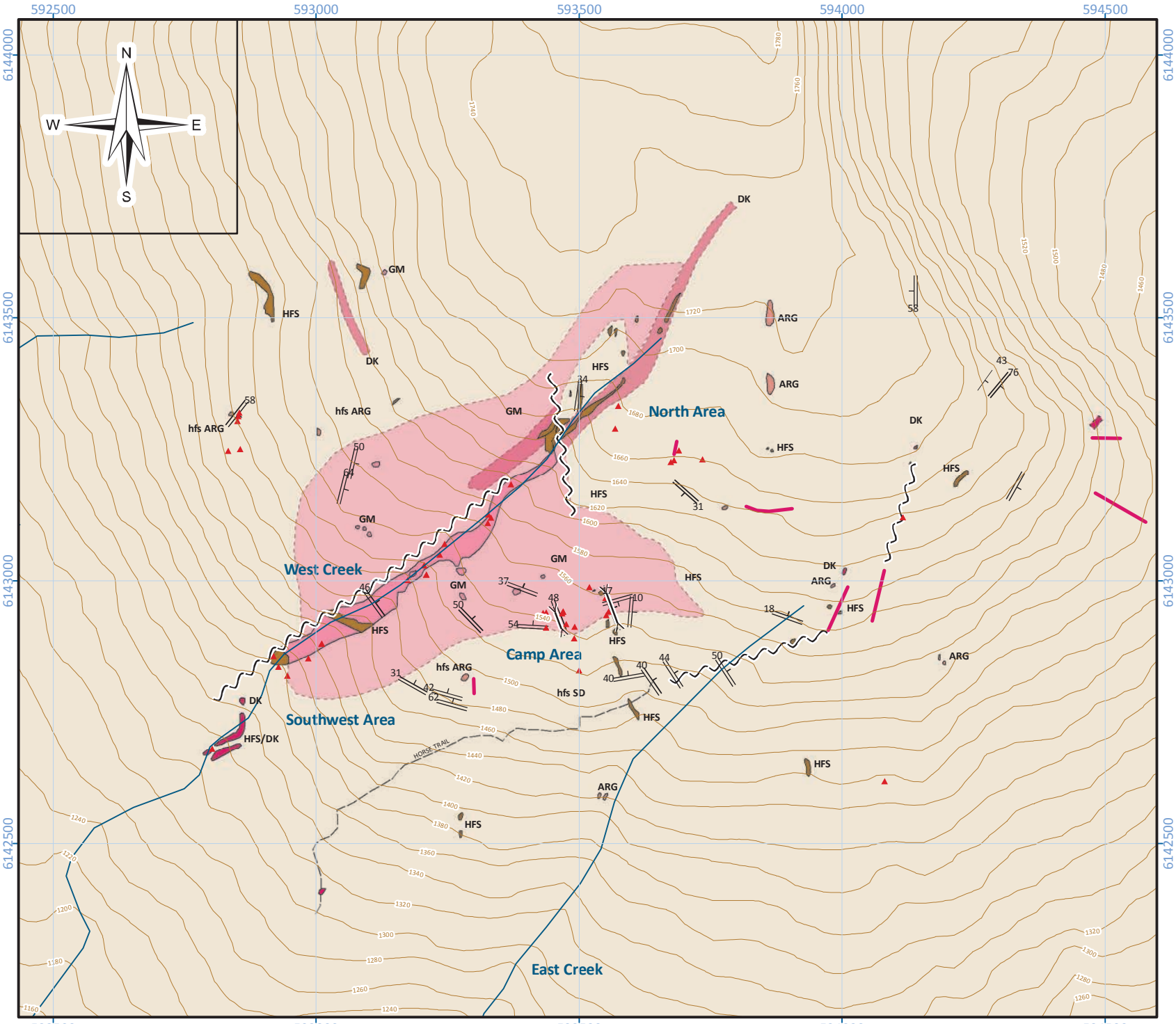


Figure 5: Property Geology Map Sidina Property, BC

TAD Capital Corp.

Scale:	1:10,000
Date:	June 2010
Map sheet:	NTS 093M
Datum:	UTM NAD83 Zone 9
Prepared by:	K. Cupit, Rio Minerals Limited

Geology Legend

Intrusive Rocks
(Bulkley Plutonic Suite - Late Cretaceous)

- GM granite-monzonite stock
- DK monzonite-rhyodacite porphyry dykes

Sedimentary and Metamorphic Rocks
(thermal aureole)

- HFS hornfels
- ARG argillite
- ST siltstone
- SD sandstone
- hfs hornfelsed

Symbol Legend

- Rock sample
- Bedding
- Vein
- Fault
- Hand trench
- Drainage
- Topography (20m interval)

1 centimeter = 100 meters

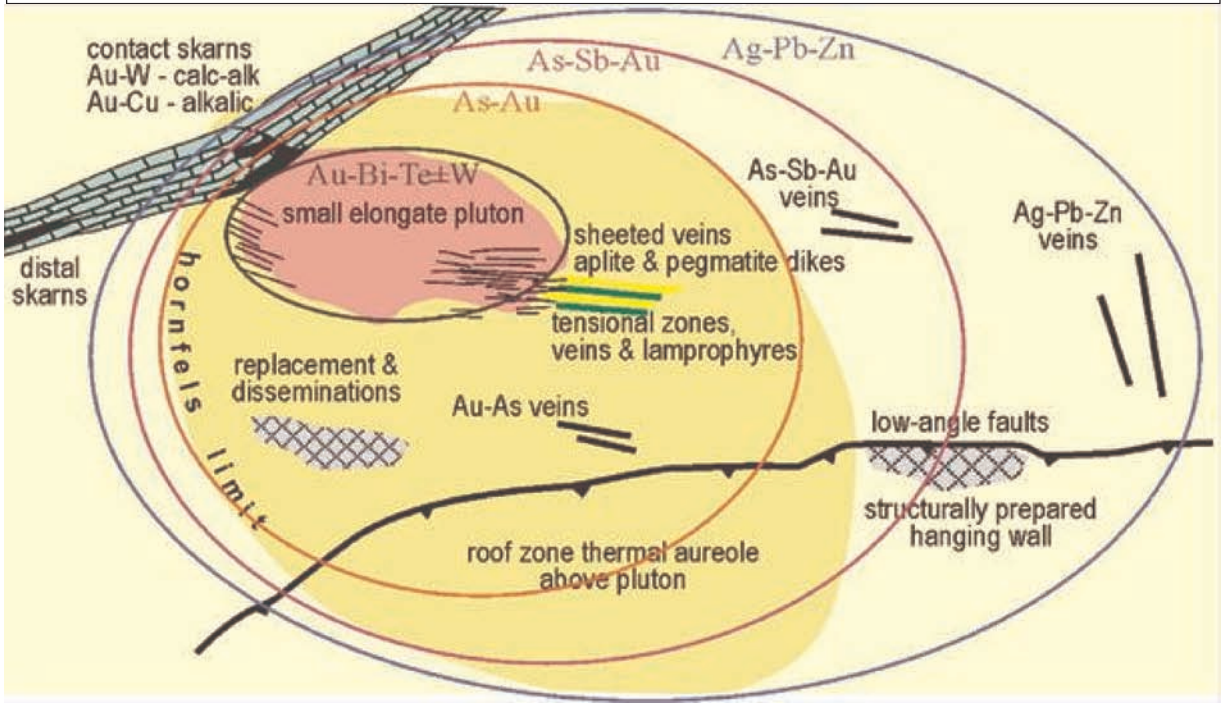
Meters 0 50 100 200

Figure 6: Gangue Deposit Model
Sidina Property, BC

TAD Capital Corp.

Date: October 2009

Prepared by: K. Cupit, Rio Minerals Limited



General plan model of intrusion-related gold systems from the Tintina Gold Province. Note the wide range of mineralization styles and geochemical variations that vary predictably outward from a central pluton (modified from Hart et al., 2002).

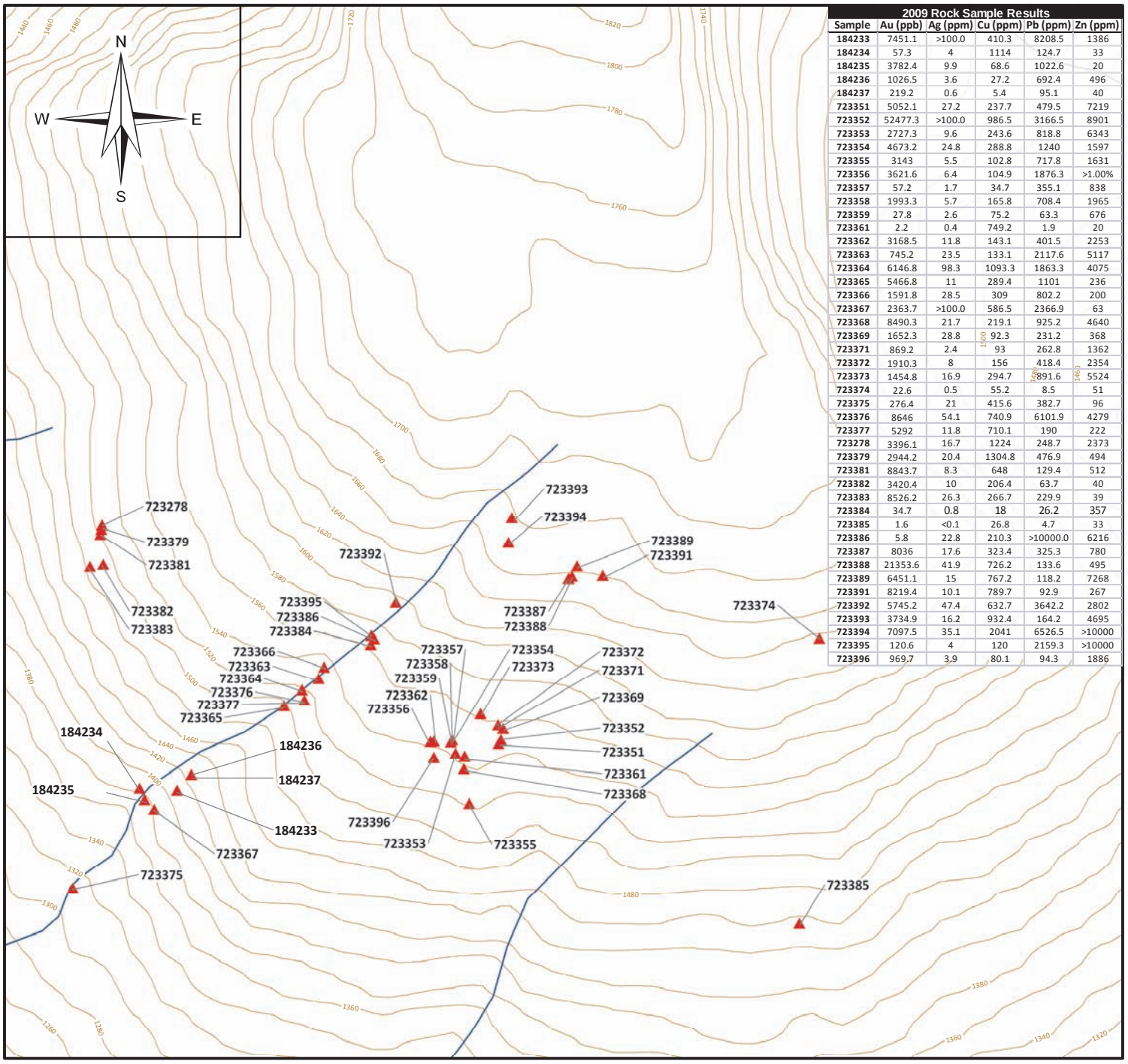
10.0 SAMPLING METHOD AND APPROACH

Rock sampling consisted mainly of chip and channel sampling across the true widths of exposed veins. All rock sample sites were marked with labelled metal tags and flagging tape. Samples having individual weights of at least 2 kilograms were placed in poly ore bags along with sample number tags and the bags were sealed with zap-straps.

Sample locations were recorded by GPS, given a UTM grid designation using the NAD 83 datum, and photographed. All rock samples were taken directly to Acme Analytical Laboratories in Smithers, BC for homogenization, and then sent by Acme to Vancouver, BC where they were analyzed for 36-element IDX2-15gm ICP-MS. See Appendix A for details on analytical procedures.

A total of 42 rock samples were collected from four areas. Two of the areas had indications of hand drilled and blasted trenching dating back to 1981. These are presently designated as the "Camp Area" and the "Southwest Area". Two additional areas prospected in 2009 have revealed new veins and are described in this report.

From the total of 42 samples collected, 39 were channel-chip samples taken across true width of the vein exposures. In total 34 veins were located within the granitic stock and along the contact aureoles.



2009 Rock Sample Results

Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
184233	7451.1	>100.0	410.3	8208.5	1386
184234	57.3	4	1114	124.7	33
184235	3782.4	9.9	68.6	1022.6	20
184236	1026.5	3.6	27.2	692.4	496
184237	219.2	0.6	5.4	95.1	40
723351	5052.1	27.2	237.7	479.5	7219
723352	52477.3	>100.0	986.5	3166.5	8901
723353	2727.3	9.6	243.6	818.8	6343
723354	4673.2	24.8	288.8	1240	1597
723355	3143	5.5	102.8	717.8	1631
723356	3621.6	6.4	104.9	1876.3	>1.00%
723357	57.2	1.7	34.7	355.1	838
723358	1993.3	5.7	165.8	708.4	1965
723359	27.8	2.6	75.2	63.3	676
723361	2.2	0.4	749.2	1.9	20
723362	3168.5	11.8	143.1	401.5	2253
723363	745.2	23.5	133.1	2117.6	5117
723364	6146.8	98.3	1093.3	1863.3	4075
723365	5466.8	11	289.4	1101	236
723366	1591.8	28.5	309	802.2	200
723367	2363.7	>100.0	586.5	2366.9	63
723368	8490.3	21.7	219.1	925.2	4640
723369	1652.3	28.8	92.3	231.2	368
723371	869.2	2.4	93	262.8	1362
723372	1910.3	8	156	418.4	2354
723373	1454.8	16.9	294.7	891.6	5524
723374	22.6	0.5	55.2	8.5	51
723375	276.4	21	415.6	382.7	96
723376	8646	54.1	740.9	6101.9	4279
723377	5292	11.8	710.1	190	222
723278	3396.1	16.7	1224	248.7	2373
723379	2944.2	20.4	1304.8	476.9	494
723381	8843.7	8.3	648	129.4	512
723382	3420.4	10	206.4	63.7	40
723383	8526.2	26.3	266.7	229.9	39
723384	34.7	0.8	18	26.2	357
723385	1.6	<0.1	26.8	4.7	33
723386	5.8	22.8	210.3	>10000.0	6216
723387	8036	17.6	323.4	325.3	780
723388	21353.6	41.9	726.2	133.6	495
723389	6451.1	15	767.2	118.2	7268
723391	8219.4	10.1	789.7	92.9	267
723392	5745.2	47.4	632.7	3642.2	2802
723393	3734.9	16.2	932.4	164.2	4695
723394	7097.5	35.1	2041	6526.5	>10000
723395	120.6	4	120	2159.3	>10000
723396	969.7	3.9	80.1	94.3	1886

Figure 7
Rock Sample Locations

TAD Capital Corp.

Sidina Property, British Columbia

Scale: 1:10,000

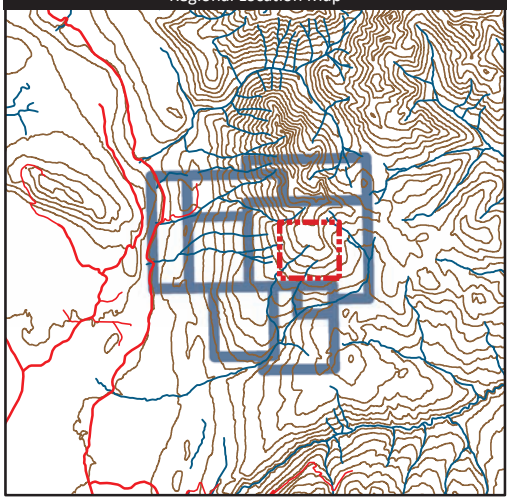
Datum: UTM NAD83 Zone 9

Map sheet(s): NTS 93M

Prepared by: K. Cupit, Rio Minerals Limited

Date: October 2009

Regional Location Map



Legend

- Sample location
- Road (primary)
- Road (secondary)
- Railway
- Drainage

1 centimeter = 100 meters

0 100 200 400 Meters

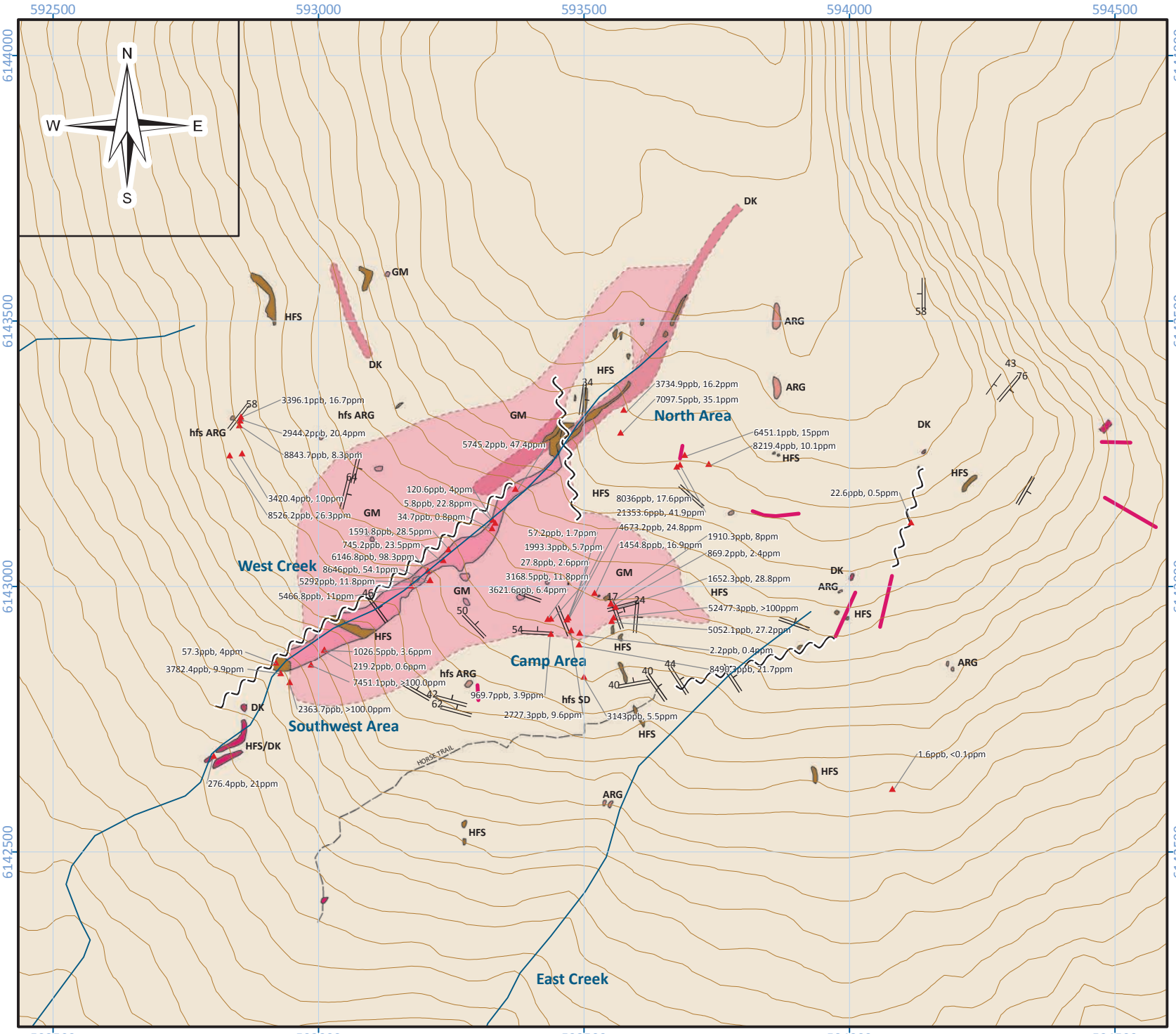


Figure 8: Property Geology Map w/ Samples (Au, Ag)

TAD Capital Corp.

Scale:	1:10,000
Date:	October 2009
Map sheet:	NTS 093M
Datum:	UTM NAD83 Zone 9
Prepared by:	K. Cupit, Rio Minerals Limited

Geology Legend

Intrusive Rocks (Bulkley Plutonic Suite - Late Cretaceous)

- GM granite-monzonite stock
- DK monzonite-rhyodacite porphyry dykes

Sedimentary and Metamorphic Rocks (thermal aureole)

- HFS hornfels
- ARG argillite
- ST siltstone
- SD sandstone
- hfs hornfelsed

Symbol Legend

- Rock sample (Au, Ag)
- Bedding
- Veins
- Faults
- Drainage
- Topography (20m interval)

1 centimeter = 100 meters

0 50 100 200 Meters

11.0 ROCK GEOCHEMISTRY

Detailed rock sample descriptions and assay results are presented in Appendix B. The mineralized vein occurrences were sampled in four areas as described below.

11.1 Camp Area

A minimum of thirteen quartz-sulphide veins exist over an area measuring 150 x 200 metres. The area is situated between two deeply incised creeks that have been named West Creek and East Creek (Figure 5). This vein system was the focus of gold exploration by Noranda in 1987 and 1988.

Work completed in 2009 resulted in the exposure of six new veins by removing soil horizon in areas of relatively shallow bedrock.

A total of twelve samples were collected from the vein exposures in the Camp Area. The samples returned gold values ranging from 0.87 to 52.48 g/t gold and from 2.4 to >100 g/t silver.

The majority of the veins are striking northwesterly and have gentle dips to the northeast. True widths range from 6 to 47 cm. One of the newly found mineralized zones consists of two 25 cm thick veins separated by a 30 cm zone of altered monzonite host rock. The veins were exposed in a 0.8 x 1 metre trench and sampled across 0.8 metre width. The sample returned 1.91 g/t gold and 8.0 g/t silver (sample 723372).

Two veins in close proximity to each other have been exposed by shallow hand-trenches (samples 723351 and 723352). The vein dipping gently to the north (723351) contained 20% sulphides with arsenopyrite being the dominant sulphide. The vein dipping gently to the northeast contained relatively high pyrite and lesser arsenopyrite (723352). The later vein returned 52.48 g/t gold and greater than 100 g/t silver - the highest gold assays obtained in from the 2009 programme.

In 1988, Noranda had exposed one of the centrally situated veins via trenching. Re-exposure of this trench has resulted in the documentation of a 127 metre quartz-sulphide vein striking 346º. Several locations of this trench were re-excavated for sampling using hand tools (samples 723353-723359 and 723368. The vein is dipping to the east-northeast at 44º angle and ranges in width from 15 to 35 cm. Four channel samples returned an average weighted content of 3.74 g/t gold and 9.13 g/t silver. One sample from a silica-sulphide cemented fault fracture returned 3.62 g/t gold and 6.4 g/t silver across 6cm (723356).

11.2 North Area

A large area situated between the headwaters of West and East Creeks contains a minimum of eight widely scattered veins. Most of the veins with widths to 19cm. All veins are hosted by the hornfelsed sediments. Six of the veins were found during a prospecting traverse in September 2009.

A total of nine channel samples were collected from the vein exposures in the North Area. The samples returned gold values ranging from 5.8ppb to 21.35 g/t gold and from 22.8 to 41.9 g/t silver (samples 723386-723395).

In one location, a horizontal quartz-sulphide vein follows the footwall of the monzonite dyke. It is 10 to 19 cm thick and contains 30% arsenopyrite and 5% pyrite. The strike extension of this vein traverses the East Creek at the 1655m elevation where it is offset by a north-easterly trending, sub-vertical fault. The vein averages 6.70 g/t gold and 15.90 g/t silver from two channel samples collected (samples 723387 and 723389). A short distance further to the west, another dyke hosts a 10 cm vein that returned 21.35 g/t gold and 41.9 g/t silver (sample 723388).

A major fault along the West Creek follows the margin of a 15-metre wide dyke (Figure 5). The fault is steeply dipping to the southeast and is well exposed along the West Creek gorge at the 1565m elevation. Fifty metres east of this location, two minor quartz veins were exposed by digging through a shallow soil horizon. The veins are 8 and 12 cm thick and average 5.60 g/t gold and 26.7 g/t silver. Both veins strike roughly east-west while dipping in opposite directions (samples 723393 and 723394).

11.3 Southwest Area

Five quartz-sulphide veins located in the 1980's outcrop over an area measuring 70 x 70 metres situated within the southwest part of the thermal aureole. The veins have widths ranging from 8 to 12 centimetres and contain on average 15% sulphides and consist mainly of arsenopyrite. The veins are striking to the northeast and are dipping southeast at various angles.

Five samples collected from these veins produced grades ranging from 2.94 g/t to 8.84 g/t gold and from 8.3 g/t to 26.3 g/t silver (723387-723383).

11.4 West Creek Area

The West Creek forms the best continuous rock exposure centered on the Sidina intrusion. A major fault follows the creek along the west bank. The outcrops reveal fracturing along the north-south trending subsidiary structures.

Five mineralized veins ranging from 6 to 30 cm in width were found along the sides of this creek. Two previously undocumented veins were sampled at the 1500m elevation. One vein was sampled in two locations across true widths of 20 and 30 cm (samples 723364 and 723376 respectively). The samples produced the average weighted value of 7.64 g/t gold and 71.8 g/t silver. The vein strikes to the west and is dipping to the north at 55º. A series of narrow mineralized veins (1.5cm in width) is present in the hanging wall monzonite across a 2 metre width.

12. SOIL GEOCHEMISTRY

A total of 3750 metres of grid were sampled during the 2009 field season. The grid consists of an 800-metre north-oriented baseline and 14 - 1500 metre east-west cross lines. Lines are 50 metres apart with stations placed on 25 metre centers. All stations are marked with orange and blue flagging tape. The 2006 grid was located and is well-preserved with grid stations readily visible in the field.

Grid extensions were completed in areas of anomalous geochemistry. A total of 151 samples were collected. Soil samples were taken with a shovel and spoon from the "B" horizon at an average depth of 30 to 50 cm. Soil samples were placed in marked kraft sample bags, placed in poly ore bags, sealed, and hand-delivered to Acme Analytical Laboratories in Smithers, British Columbia for Group 1DX2 - 31 element ICP-MS analysis. See Appendix A for details on analytical procedures. Results for Au, Ag, Cu, Pb, Zn, As, Sb and Bi from the 2009 survey, along with results from the 2006 survey are presented in Figures 9A through 9F (respectively).

Oxidized quartz-sulphide material is present in numerous locations and extends beyond the areas sampled. The 2009 soil survey assisted in outlining a gold-in-soil anomaly extending to the south of the Camp Area. The anomaly is enhanced by the presence of copper-in-soils which in turn is indicative of sulphide dispersion.

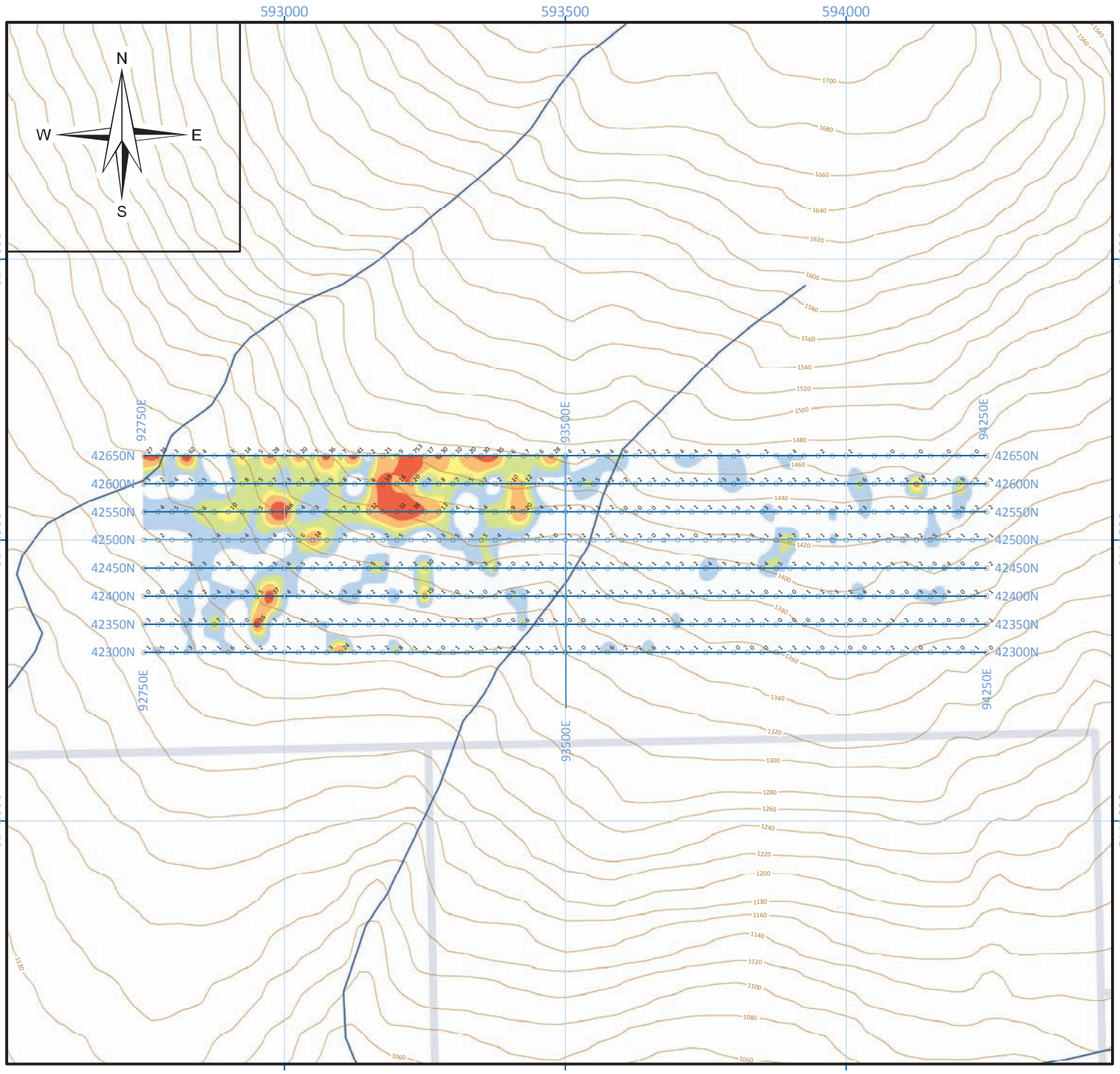


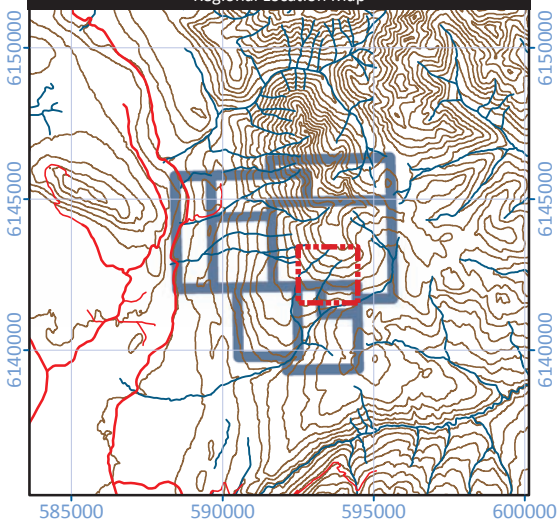
Figure 9A
Soil Geochemistry
Au (ppb)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

1 centimeter = 100 meters

0 50 100 200 300 Meters

Au (ppb)

23
11
8
5
3
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

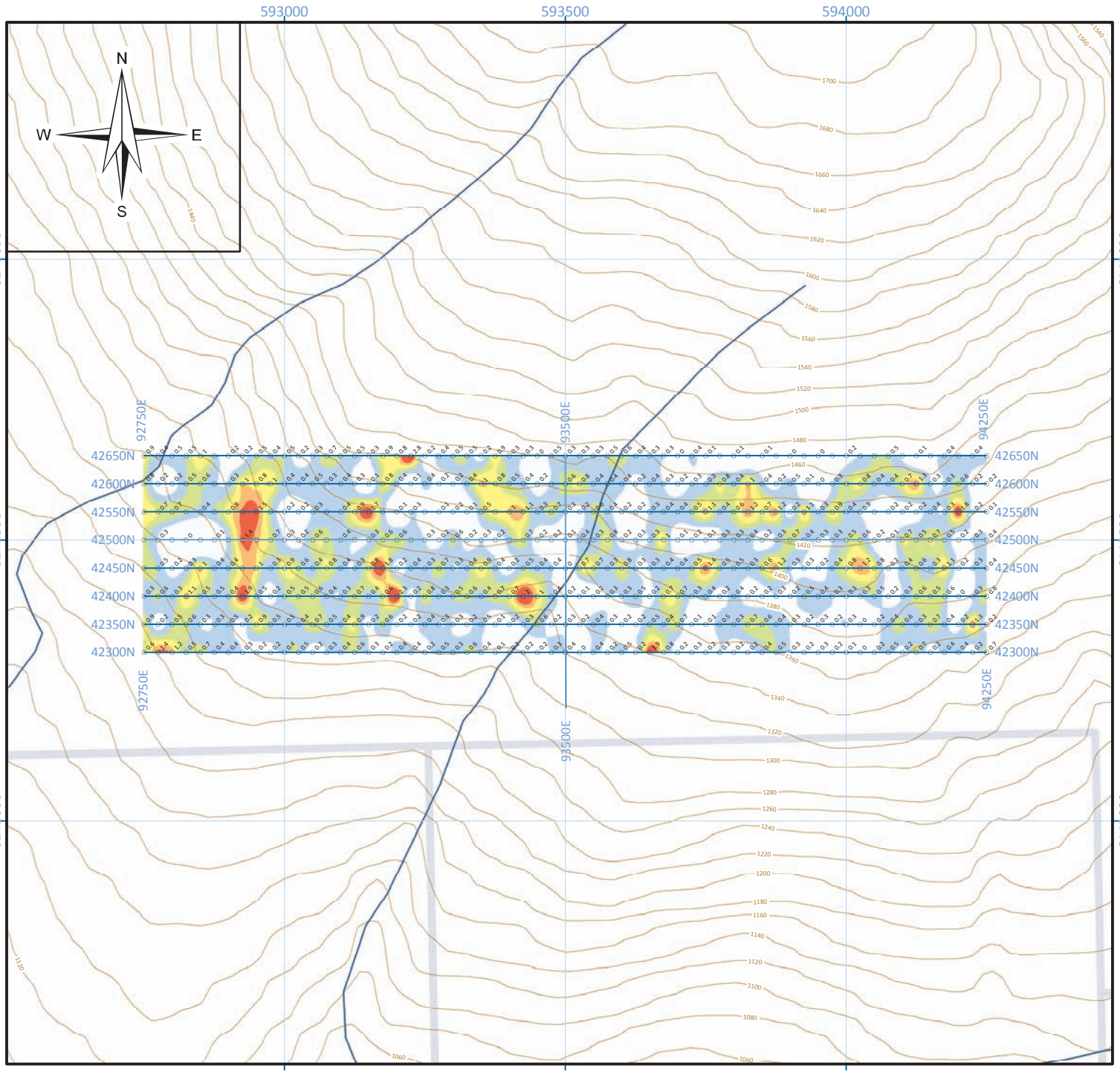


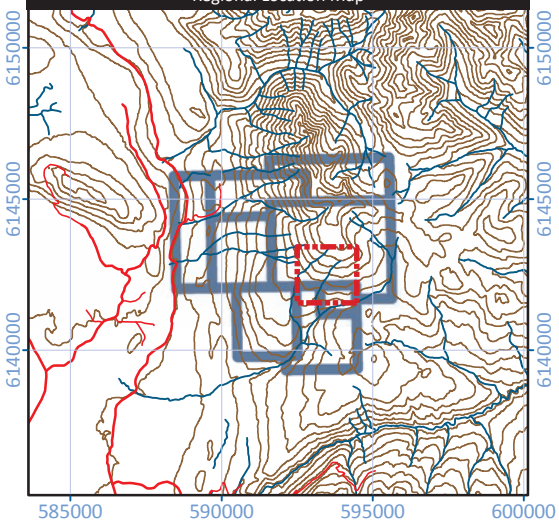
Figure 9B
Soil Geochemistry
Ag (ppm)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

Ag (ppm)

1.3
1.0
0.7
0.5
0.3
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

1 centimeter = 100 meters

0 50 100 200 300 Meters

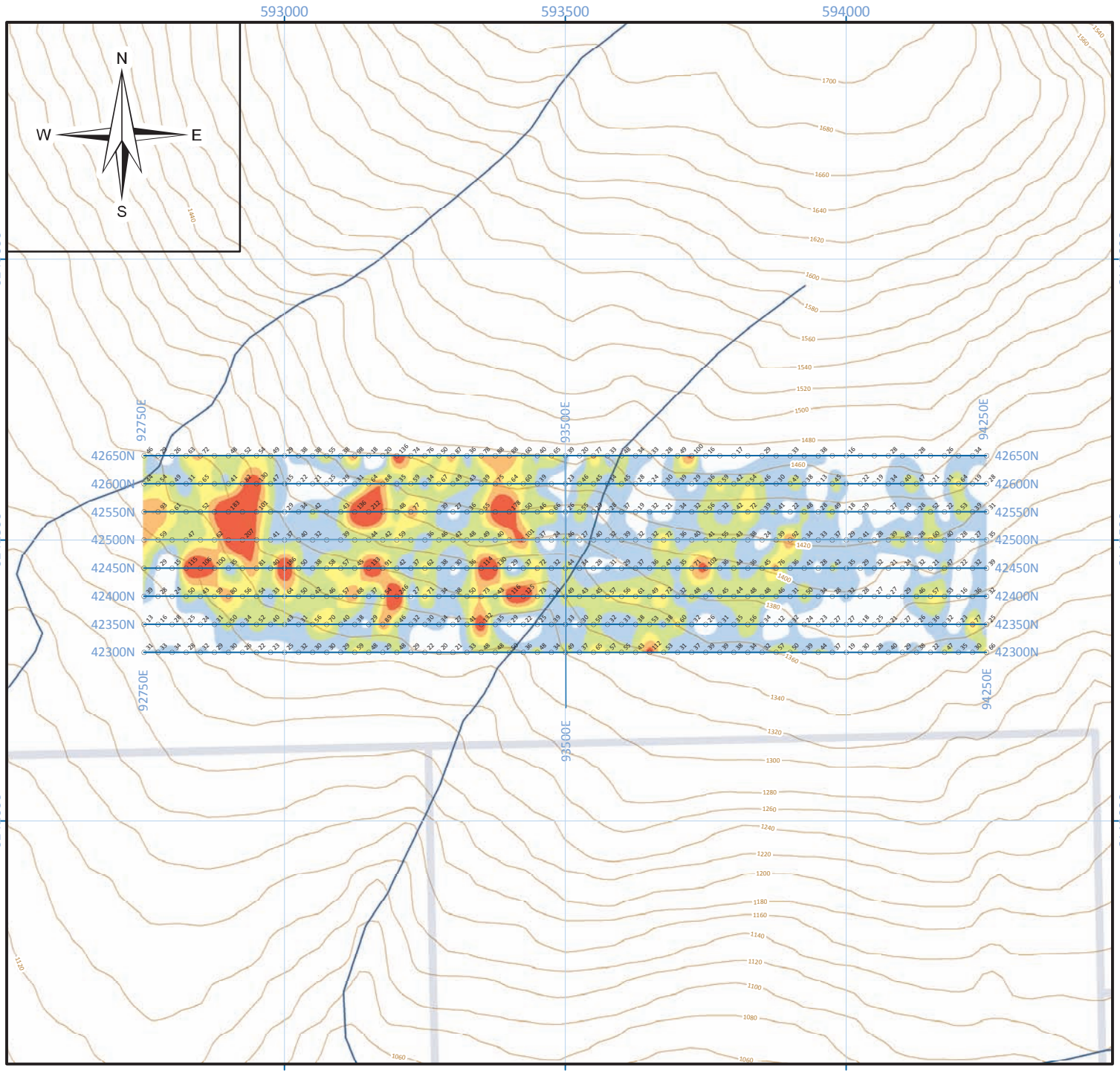


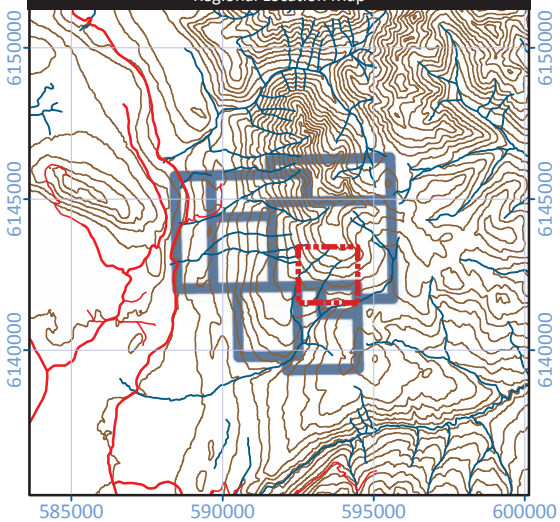
Figure 9C
Soil Geochemistry
Cu (ppm)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

1 centimeter = 100 meters

0 50 100 200 300 Meters

Cu (ppm)

95
71
55
41
30
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

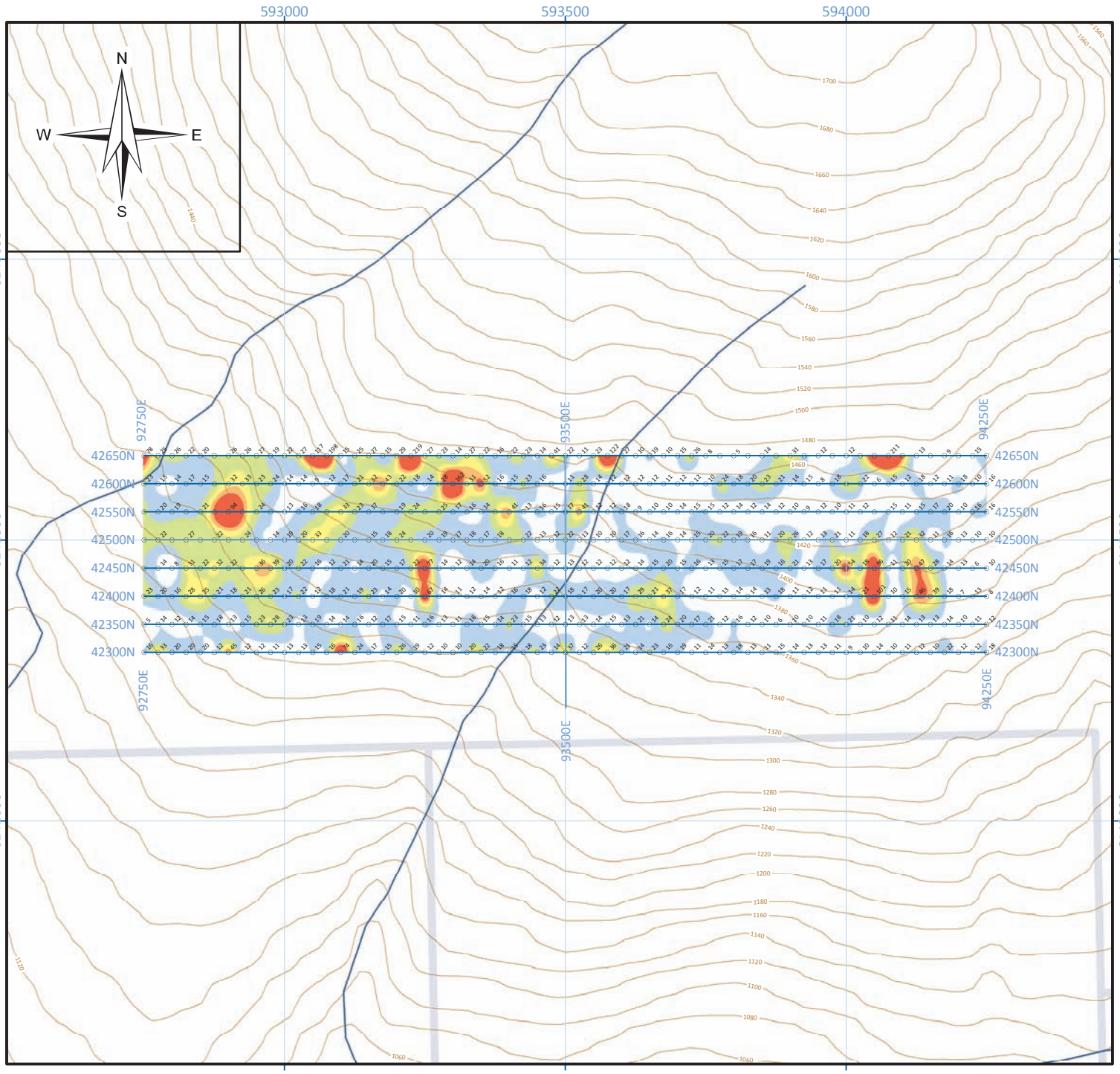


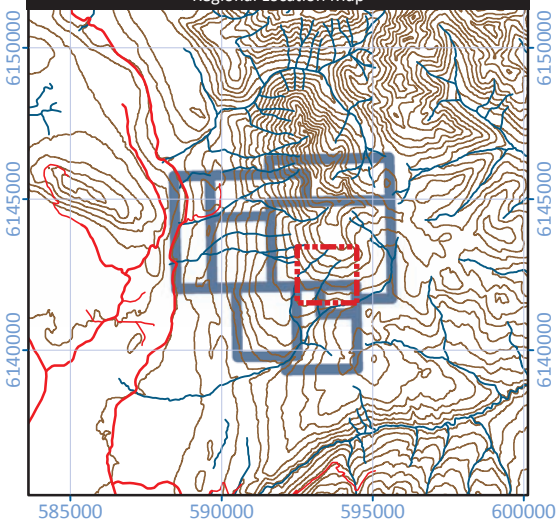
Figure 9D
Soil Geochemistry
Pb (ppm)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

Pb (ppm)

45
36
28
21
15
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

1 centimeter = 100 meters

0 50 100 200 300 Meters

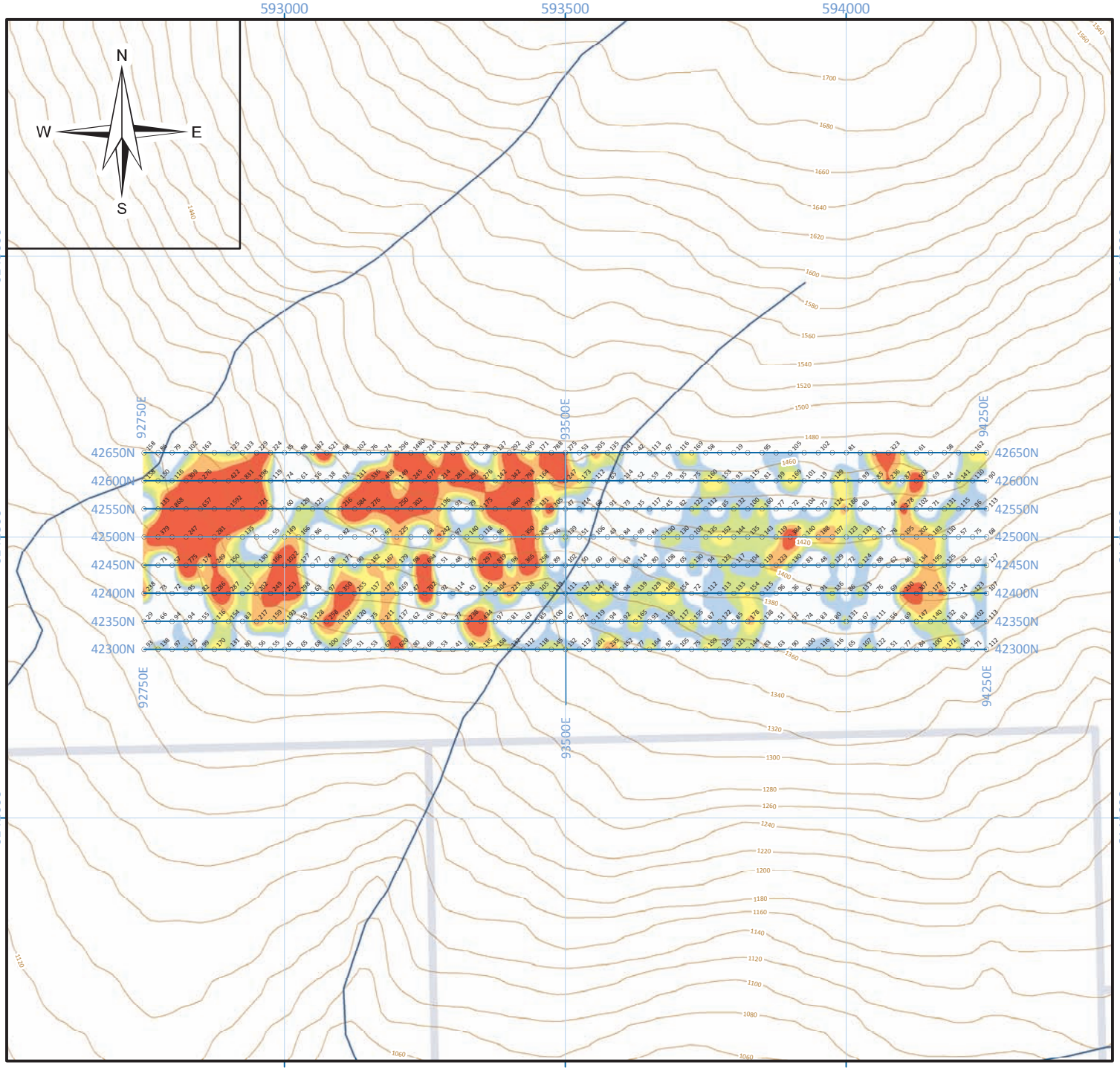


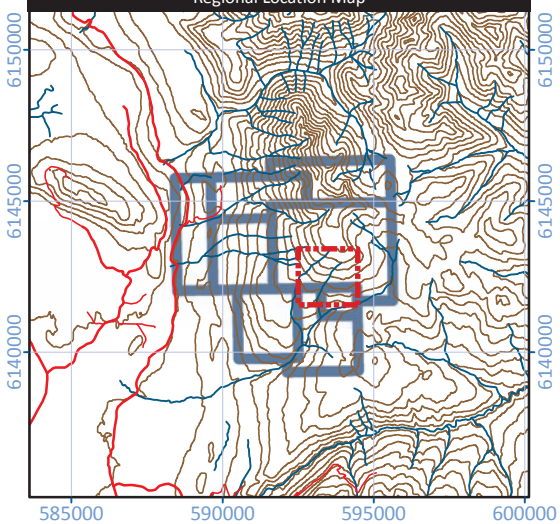
Figure 9E
Soil Geochemistry
Zn (ppm)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

1 centimeter = 100 meters

0 50 100 200 300 Meters

Zn (ppm)

230
175
145
120
100
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

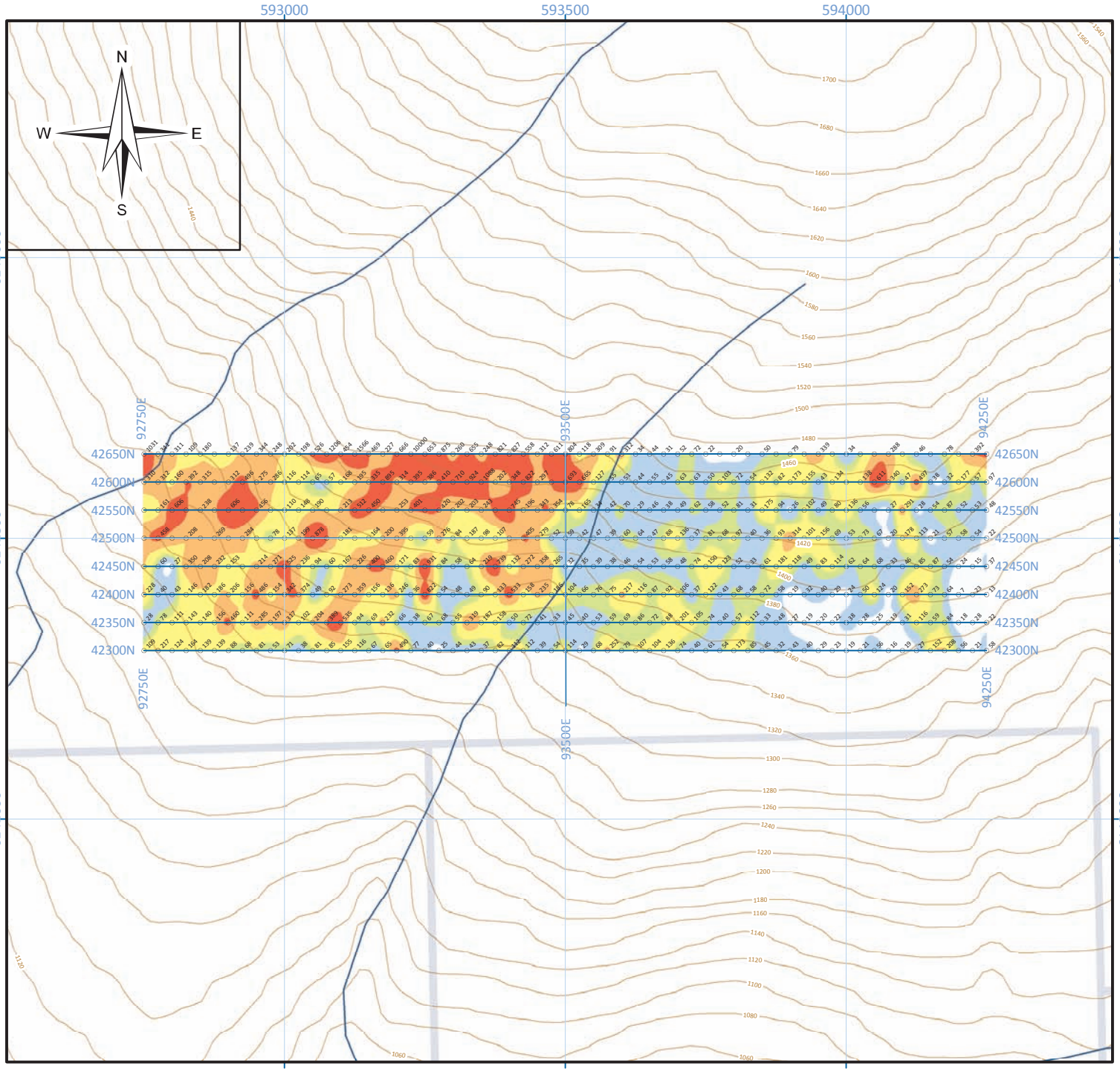


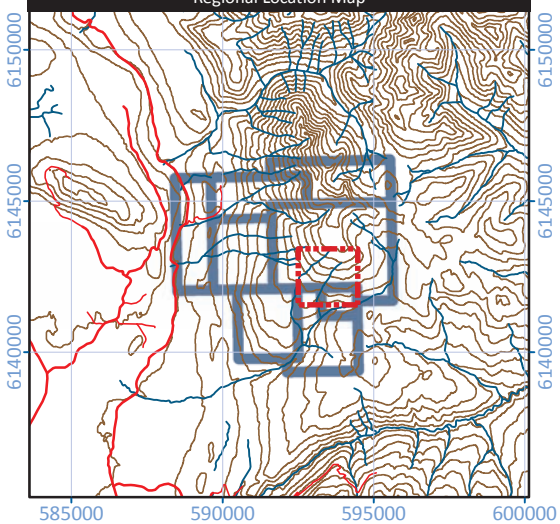
Figure 9F
Soil Geochemistry
As (ppm)

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009

Regional Location Map



Legend

- Sample location
- Claim boundary
- Road (primary)
- Road (secondary)
- Railway
- Drainage

1 centimeter = 100 meters

0 50 100 200 300 Meters

As (ppm)

400
200
90
60
30
0

Values less than the detection limit are posted as half the detection limit

0 = no sample results

13. GEOPHYSICS

A total field magnetic survey was conducted over 15km of grid during the 2009 program. The survey was conducted using two Gem GSM-19 v5.0 Overhauser System total field magnetometers, one of which was used as a base station. Readings were taken at measured 12.5-metre intervals along grid lines, with duplicate measurements taken at the ends of each grid line and at the baseline. Diurnal corrections were performed automatically by GEMLink software from the two devices at the time the data was downloaded to a laptop computer. The results of the survey are given in Figure 10.

All of the sedimentary rocks that outcrop between West Creek and East Creek appear to be hornfelsed. Above background magnetic responses coincide with the local presence of monzonite which was mapped in 2009. These geological components of the target sought, along with localized pathfinder element anomalies in soils, indicate a prime target for vein-type precious metal mineralization. These target attributes exist between the two creeks in question and possibly extend beyond the confines of the 2009 programme. Expansion of the geophysical grid will assist in the geological mapping of the property.

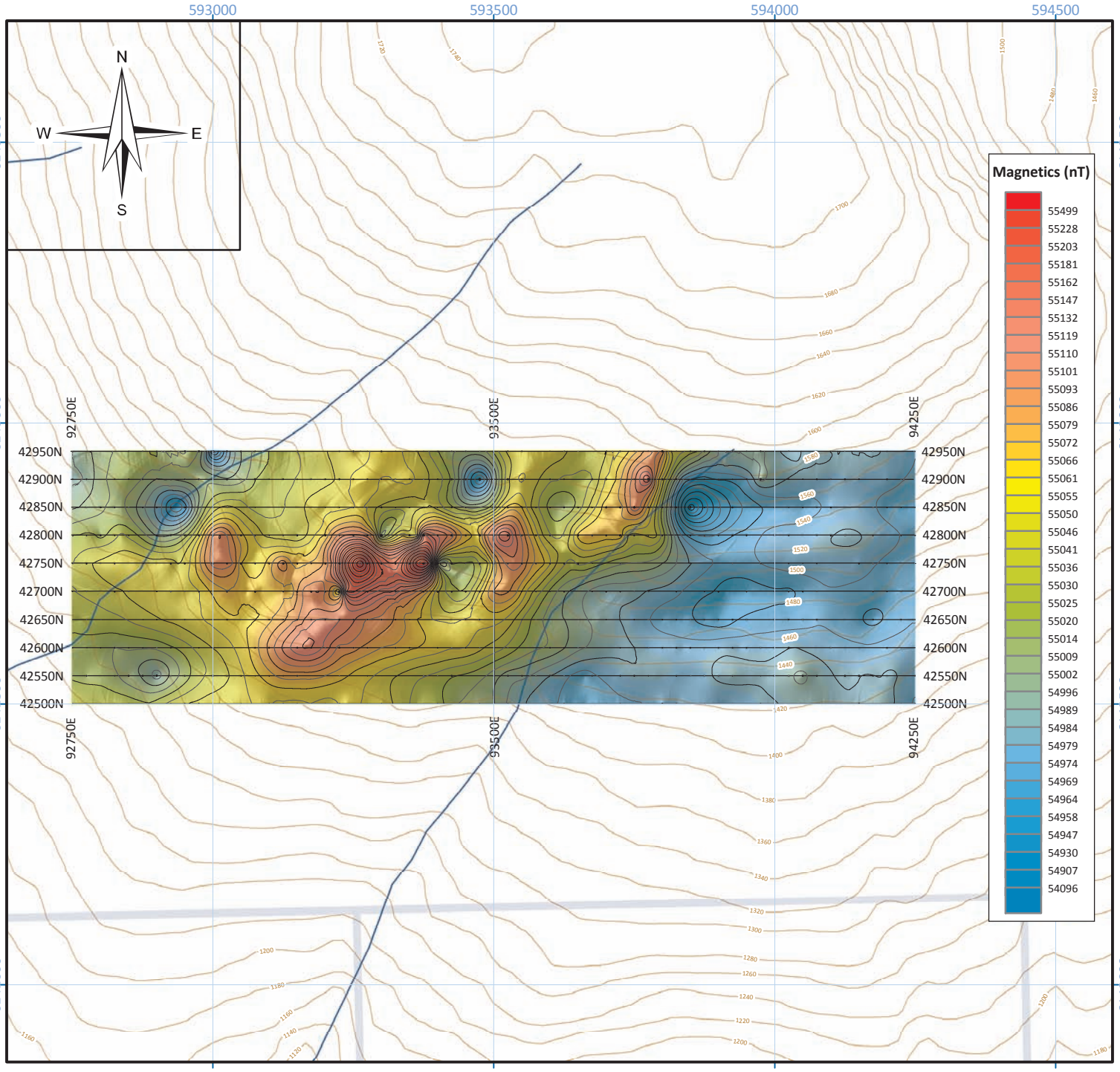
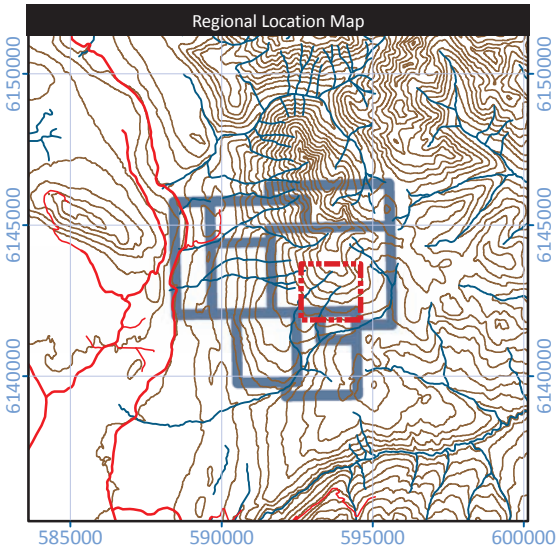


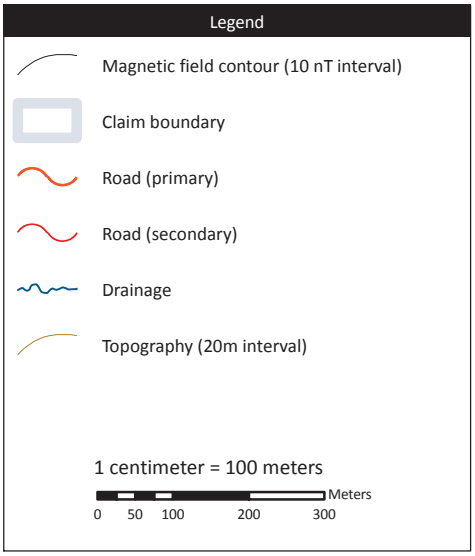
Figure 10
Sidina Property
Total Field Magnetics

TAD Capital Corp.

Sidina Property, British Columbia

Scale:	1:10,000
Datum:	UTM NAD83 Zone 9
Map sheet(s):	NTS 93M
Prepared by:	K. Cupit, Rio Minerals Limited
Date:	October 2009





14.0 CONCLUSIONS AND RECOMMENDATIONS

Assessment work performed on the property in September 2009 was focused on rock and soil sampling to evaluate the extent of gold silver mineralization near the margins of a small granitic stock.

A magnetometer survey was carried out to outline the extent of the granitic intrusion that is sporadically indicated by the presence of hornfelsed sediments at surface. Knowing the extent of surface projection of the intrusion is essential for further exploration. Above background magnetic responses coincide with the local presence of monzonite which was mapped in 2009.

Numerous gold-bearing veins are present in three areas situated along the perimeter of the Cretaceous stock which measures 600m in diameter. Indications are that the stock is part of a larger intrusive body mapped digitally by the Geological Survey of Canada in 2008. The composition of the concealed intrusion is unknown but judging from surface exposures it ranges from granite to granodiorite and includes monzonite phases and rhyolite dykes.

Gold mineralization on the property conforms to a broadly defined intrusion related class of deposits that refers to gold mineralization within a thermal aureole. The distinctive feature of this class of gold deposits are sheeted arrays of parallel, single-stage quartz veins which are found over 10s to 100s of metres and preferentially located in the pluton's cupola. These types of veins are also described as the "reduced intrusion-related gold systems" represented by the Fort Knox, Pogo, Donlin Creek, and Dublin Gulch deposits in Alaska and the Yukon.

Past work had recognized that the sulphide mineralogy of individual veins varies along strike and possibly along the dip direction. Sulphide content ranges from 2 to 45%, and consists mainly of arsenopyrite (up to 30%) and pyrite (up to 30%).

The mineralization observed to date has two mineralogical characteristics that impact the precious metal grades:

- mineralization dominated by arsenopyrite-pyrite banded intergrowths
- mineralization dominated by banded arsenopyrite with minor pyrite-galena-sphalerite-tetrahedrite at the vein margins

Locally, the veins carry small amounts of copper sulphides that include tetrahedrite. This mineral association is of particular significance as it produces the highest gold grades reaching up to 52.48 g/t gold.

There are minimum of thirteen narrow, shallow dipping, quartz-sulphide veins present over the "Camp Area" which measures 150 x 200 metres. Oxidized quartz-sulphide float is present in numerous locations and extends beyond the areas sampled during the current programme. The 2009 soil survey outlined a gold-in-soil anomaly extending to the south of the Camp Area. The anomaly is enhanced by the presence of copper-in-soils which in turn is indicative of sulphide dispersion. Multi-element anomalies in the same area include arsenic, lead, and zinc.

All of the sedimentary rocks, which are sparsely outcropping between West Creek and East Creek, appear to be hornfelsed. Above background magnetic responses coincide with the local presence of monzonite which was mapped in 2009. These geological components of the target sought, along with localized pathfinder element anomalies in soils, indicate a prime target for vein-type precious metal mineralization. These target attributes exist between the two creeks in question and extend beyond the area of the 2009 programme.

A program of geological mapping and sampling, hand-trenching, magnetometer geophysics, and diamond drilling is recommended to test the extent of precious metal mineralization on the property. The main objective of the drilling programme would be to sample and evaluate the density of veining per unit of core length versus grade. Drilling would also allow the collection of vein orientation data from various depths below surface. The following three areas are recommended for drill testing with two holes from each location:

- North Area to test for more gold bearing veins surrounding sample locations 723387-723391
- Camp Area in the vicinity of the following vein exposures sampled: 723351-723362 and 723368-723373
- Camp Area southern extension below the three line (over the highest magnitude copper and arsenic anomalies)

The drilling should be performed utilizing a downhole deviation survey (Flexit or Maxibor) and oriented borehole-wall imagery instrumentation.

15.0 REFERENCES

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D. Myers, 1988	Assessment Report 17290, Geology and Geochemistry Pinenut Property, Noranda Exploration Company Limited, April 1988
G. R. Thomson, 2007	Technical Report (NI 43-101 Compliant) on the Hazelton Project for Golden Sabre Resources Limited, January 2007
J. G. Payne, 2006	Petrographic Reports (060648, 060764) on Silverton, Sunrise, Silver Cup and American Boy Rock Samples by Vancouver Petrographics Ltd. for Golden Sabre Resources Ltd.

16.0 STATEMENT OF QUALIFICATIONS

I Gregory R. Thomson, P.Geo. do hereby certify that:

1. I am a consulting geologist of:

   Thomson Geological Consulting
   40-21928 – 48th Avenue
   Langley, British Columbia, Canada
   V3A 8H1

2. I graduated with a degree in Geology from the University of British Columbia in 1970.

3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have worked as a geologist for a total of 30 years since my graduation from university.

5. I have no interest in the Sidina Property or the securities of TAD Capital Corp. nor do I expect to receive any.

6. I consent to the filing of the Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication of the public company files on their websites accessible by the public.

Dated this 15th day of November, 2009

Signed and sealed "Gregory R. Thomson"
Gregory R. Thomson, P.Geo.

APPENDIX A: ROCK SAMPLE LOCATIONS AND DESCRIPTIONS

Sample ID	Locality	Easting NAD 83	Northing NAD 83	Sample Type	Sample Description	Total Sulfides %	Vein Strike	Vein Dip	Sample Width (cm)
184233	Sidina	592986	6142853	Otcp - Chip	30 cm quartz vein of semi-massive aspy with tetrahedrite (20%) and galena +py	60%	320	69	30
184234	Sidina	592920	6142857	Otcp - Chip	40 cm interval of semi-massive pyrrhotite, and pyrite (poss tetrahedrite?)	85%	--	--	40
184235	Sidina	592929	6142837	Otcp - Chip	20 cm vein of fine crystalline quartz with pyrite to 15% arsenopyrite to 15% tet	30%	280	40	20
184236	Sidina	593011	6142881	Otcp - Chip	140 cm length of quartz containing 20% vcg pyrite, with some vfg aspy to 5% overall	25%	20	65	140
184237	Sidina	593011	6142881	Otcp - Chip	30 cm quartz vein with 40% f to vfg aspy	40%	20	65	30
723351	Camp Area	593552	6142935	Channel	Quartz-sulphide vein	20% weak ox	340	34	16
723352	Camp Area	593556	6142942	Channel	Quartz-sulphide vein	25% mod ox	80	22	14
723353	Camp Area	593476	6142918	Channel	Quartz-sulphide vein	15% strong ox	344	30	15
723354	Camp Area	593468	6142938	Comp muck	Quartz-sulphide vein	15% mod ox	NA	NA	NA
723355	Camp Area	593500	6142830	Channel	Quartz-sulphide vein	25% strong ox	346	44	35
723356	Camp Area	593432	6142939	Channel	Silica-sulphide replacement shear	25% weak ox	264	22	6
723357	Camp Area	553470	6142942	Channel	Quarz-monzonite from HW of 723358	3-4% weak ox	NA	NA	75
723358	Camp Area	553470	6142942	Channel	Quartz-sulphide vein	45% stron ox	311	22	20
723359	Camp Area	553470	6142942	Channel	Quarz-monzonite from FW of 723358	2% weak ox	NA	NA	30
723361	Camp Area	593492	6142913	Chip Panel	Hornfels with sec. qtz-ser-py alt	6% weak ox	NA	NA	120 x 70
723362	Camp Area	593438	6142940	Channel	Quartz-sulphide vein	20% strong ox	338	30	18
723363	West Creek	593235	6143050	Grab Float	Sulph. min. crackle-breccia in alt. monz.	7% weak ox	NA	NA	NA
723364	West Creek	593206	6143030	Channel	Quartz-sulphide vein	35% mod ox	274	58	20
723365	West Creek	593174	6143002	Channel	Quartz-sulphide vein	30% weak ox	358	24	6
723366	West Creek	593245	6143070	Channel	Quartz-sulphide vein	20% mod ox	311	46	9
723367	West Creek	592946	6142820	Channel	Quartz-sulphide vein	30% strong ox	346	90	25
723368	Camp Area	593491	6142891	Channel	Quartz-sulphide vein	45% weak ox	360	43	15
723369	Camp Area	593560	6142962	Channel	Quartz-sulphide vein	10% mod ox	342	48	25
723371	Camp Area	593551	6142968	Channel	Quartz-sulphide vein	25% mod ox	368	39	47
723372	Camp Area	593551	6142968	Channel	Quartz-sulphide vein	12% mod ox	300	40	80
723373	Camp Area	593520	6142988	Channel	Discontinuous? Qtz-sulph pod	5% extreme ox	307	45	45 x 75

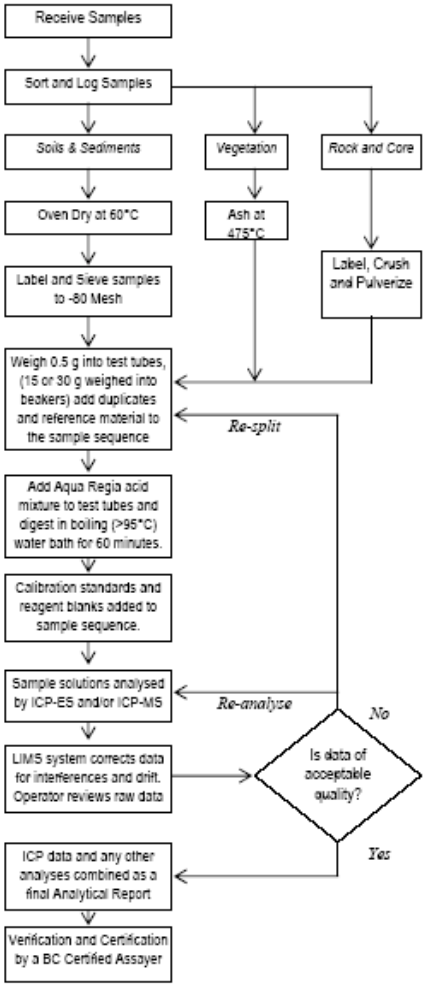
723374	Joy Creek	594116	6143121	Otcp-Grab	Fault breccia	7% mod ox	198	80	grab
723375	West Creek	592803	6142681	Grab Float	Monzonite with qtz-py stockwork	7% mod ox	NA	NA	NA
723376	West Creek	593210	6143012	Channel	Quartz-sulphide vein	15% strong ox	267	55	30
723377	Southwest Area	593210	6143012	Subcrop-Chip	Quartz-sulphide vein	10% mod ox	NA	NA	8
723278	Southwest Area	592854	6143320	Channel	Quartz-sulphide vein	15% mod ox	72	38	12
723379	Southwest Area	592853	6143313	Channel	Quartz-sulphide vein	15% mod ox	30	40	22
723381	Southwest Area	592851	6143304	Channel	Quartz-sulphide vein	20% strong ox	6	48	18
723382	Southwest Area	592856	6143251	Channel	Quartz-sulphide vein	7% mod ox	36	32	15
723383	Southwest Area	592833	6143247	Channel	Quartz-sulphide vein	15% strong ox	42	78	13
723384	North Area	593327	6143110	Channel	Quartz-sulphide vein	5% weak ox	horizontal	flat	4
723385	Below treeline	594081	6142619	Subcrop-Chip	Quartz vein, with hfs clasts	0% some Mn ox	NA	NA	5
723386	North Area	593333	6143120	Channel	Qtz-sulphide vein	10% mod ox	horizontal	0	4
723387	North Area	593681	6143230	Channel	Qtz-sulphide vein	20% strong ox	310	20	10
723388	North Area	593675	6143226	Channel	Qtz-sulphide vein	35%, weak ox	horizontal	0	10
723389	North Area	593690	6143248	Channel	Qtz-sulphide vein	50% weakly ox	horizontal	0	19
723391	North Area	593735	6143231	Grab Float	Qtz-sulphide vein	30% strong ox	NA	NA	5
723392	North Area	593371	6143184	Channel	Qtz-sulphide vein	25% strong ox	226	30	15
723393	North Area	593575	6143333	Channel	Qtz-sulphide vein	30% mod ox	300	30	8
723394	North Area	593569	6143290	Channel	Qtz-sulphide vein	30% mod ox	90	52	10
723395	North Area	593328	6143126	Channel	Qtz vein	3% weak ox	258	24	18
723396	Camp Area	593438	6142911	Channel	Qtz-sulphide vein	8% weak ox	332	24	18

APPENDIX B: SAMPLE PREPARATION AND ANALYSES

ACME ANALYTICAL LABORATORIES LTD.

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

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-180 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 85% passing 200 mesh (75 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO_3 and de-mineralised H_2O is added to each sample to leach for one hour in a heating block or hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Spectro Ciros Vision or Varian 735 emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

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

Quality Control and Data Verification

QA/QC protocol incorporates a sample-prep blank (G-1) as the first sample in the job which is carried through all stages of preparation to analysis. An Analytical Batch comprises 36 client samples and incorporates a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), a reagent blank to measure background and aliquots of in-house Reference Material like STD DS7. Data undergoes a final verification by a British Columbia Certified Assayer who then validates results before it is released to the client.

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Group 1D_1DX version1.6 Revision Date: May 6, 2009

AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

Group 1D, 1DX ICP-ES & ICP-MS DETECTION LIMITS

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B*^	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Tl	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present.
^Detection limit = 1 ppm for 15g / 30g analysis.

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Group 1D_1DX version1.6 Revision Date: May 6, 2009

APPENDIX C: STATEMENT OF COSTS

Personnel				
Chris Baldys - Geologist	Sept. 13-24, 2009	12	625	7500
Robert Paeseler - Geo	Sept. 13-24, 2009	12	500	6000
L. Gregory	Sept. 10-26, 2009	17	450	7650
A. Molnar	Sept. 10-26, 2009	17	450	7650
R. Paeseler- field	Sept. 10-12, 2009	3	450	1350
R. Paeseler- field	Sept. 25-26, 2009	2	450	900
Sub-total		-	-	31050
Expenses				
Analytical	ACME Labs – 151 soil, 42 rock samples - IDX2		-	3417.83
Transportation	4x4 Vehicles	22	105	2310.00
Magnetometer Survey				
Report		-	-	10000.00
				8000.00
Communications				98.83
Airfare				1074.85
Shipping				152.65
Accommodation				3300.52
Per diem				3555.00
Field Supplies				40.81
Fuel				1524.14
Helicopter				19954.41
Rentals				540.00
Misc., Consumables				80.29
Subtotal				54049.33
TOTAL EXPENDITURES:				85099.33

APPENDIX D: RECOMMENDED BUDGET

Description		**Cost**
Time Charges:		
Project Preparation		$ 850
Mob and Demob	4 persons - 4 days	$ 9500
Field	2 persons - 30 days	$ 27000
Geologist/assistant/logger	2 persons - 30 days	$ 34500
Geophysics	Magnetometer approx. 20m	$ 10000
	Sub total:	$ 81850
GST	5%	$ 4092
	Sub total:	$ 85942
Drilling	2000m @ 120/m	$ 220000
Helicopter	20 hours @ 1500 per	$ 30000
Expenses:		
Camp	incl/cook, etc	$ 35000
Supplies and Rentals		$ 7500
4 x 4 vehicle rental	60 days	$ 6300
Fuel		$ 3000
Communications		$ 1000
Assays and shipping		$ 52500
Report		$ 17500
	Subtotal:	$ 372800
	Subtotal:	$ 458742
Administration	05%	$ 22937
	Total:	$ 481679

APPENDIX E: ASSAY RESULTS

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Rio Minerals Ltd.**
1022 - 475 Howe Street
Vancouver BC V6C 2B3 Canada

Project: Sidina
Report Date: October 12, 2009

CERTIFICATE OF ANALYSIS SMI09000279.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
723384	Rock	1.95	1.6	18.0	26.2	357	0.8	0.7	1.4	523	0.76	597.0	0.4	34.7	0.4	4	4.8	10.7	11.0	<2	0.05
723385	Rock	4.39	0.4	26.8	4.7	33	<0.1	5.0	4.1	304	1.16	15.9	<0.1	1.6	0.3	3	<0.1	0.2	<0.1	16	0.04
723386	Rock	3.17	2.4	210.3	>10000	6216	22.8	0.3	1.2	1425	1.27	76.1	2.0	5.8	1.9	216	88.5	454.1	9.8	<2	3.92
723387	Rock	3.90	0.7	323.4	325.3	780	17.6	3.9	36.9	326	24.49	>10000	0.2	8036	0.4	2	5.1	245.4	241.6	2	0.02
723388	Rock	5.29	0.3	726.2	133.6	495	41.9	3.1	147.0	85	25.17	>10000	<0.1	21354	<0.1	9	9.0	495.2	257.8	<2	0.01
723389	Rock	6.06	0.2	767.2	118.2	7268	15.0	4.0	35.8	91	23.08	>10000	<0.1	6451	<0.1	20	64.3	263.4	177.5	<2	0.15
723390	Rock	5.20	<0.1	10.2	5.4	65	0.3	3.3	4.7	521	2.01	1333	1.4	84.8	3.4	47	0.2	2.8	2.5	37	0.47
723391	Rock	3.68	1.2	789.7	92.9	267	10.1	1.4	38.1	539	31.54	>10000	<0.1	8219	0.1	4	3.1	258.6	583.7	4	<0.01
723392	Rock	4.07	0.5	632.7	3642	2802	47.4	4.4	41.6	139	21.39	>10000	<0.1	5745	0.1	10	33.2	1564	117.2	<2	<0.01
723393	Rock	4.32	0.4	932.4	164.2	4695	16.2	0.5	32.0	140	15.00	>10000	0.6	3735	1.2	1	56.0	146.1	156.0	<2	<0.01
723394	Rock	5.61	0.2	2041	6526	>10000	35.1	5.5	20.8	298	25.18	>10000	<0.1	7098	<0.1	15	358.5	>2000	458.1	<2	<0.01
723395	Rock	2.79	2.1	120.0	2159	>10000	4.0	0.5	0.9	402	1.27	1344	0.3	120.6	0.9	31	272.8	283.6	5.3	<2	0.34
723396	Rock	4.45	8.5	80.1	94.3	1886	3.9	1.2	3.6	35	2.83	>10000	0.3	969.7	1.3	1	33.3	57.1	24.7	<2	<0.01

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Project: Sidina
Report Date: October 12, 2009

CERTIFICATE OF ANALYSIS SMI09000279.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
723384	Rock	0.003	1	15	<0.01	9	<0.001	<1	0.06	0.004	0.04	<0.1	0.06	<0.1	<0.1	0.20	<1	<0.5
723385	Rock	0.013	2	15	0.22	13	<0.001	<1	0.56	0.016	0.03	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5
723386	Rock	0.009	7	8	0.05	16	<0.001	2	0.13	<0.001	0.08	0.1	1.27	0.3	<0.1	<0.05	<1	1.4
723387	Rock	0.018	<1	2	0.01	17	0.001	2	0.14	0.002	0.11	3.0	0.60	0.7	<0.1	6.52	<1	4.6
723388	Rock	0.009	<1	3	<0.01	12	<0.001	<1	0.09	<0.001	0.05	0.2	0.25	0.2	<0.1	8.03	<1	5.1
723389	Rock	0.003	<1	2	<0.01	7	<0.001	<1	0.06	<0.001	0.03	0.2	1.00	0.1	<0.1	<0.05	<1	4.9
723390	Rock	0.078	6	12	0.57	231	0.106	<1	0.89	0.067	0.49	<0.1	<0.01	1.6	0.3	0.08	5	<0.5
723391	Rock	0.002	1	2	0.02	9	<0.001	<1	0.27	<0.001	<0.01	0.3	0.04	0.5	<0.1	5.63	<1	7.7
723392	Rock	0.005	<1	2	<0.01	11	<0.001	<1	0.11	<0.001	0.06	1.3	0.84	0.6	<0.1	<0.05	<1	2.9
723393	Rock	0.007	<1	3	<0.01	17	<0.001	<1	0.11	<0.001	0.09	0.3	0.46	<0.1	<0.1	<0.05	<1	5.7
723394	Rock	0.002	<1	3	<0.01	8	<0.001	<1	0.06	0.002	0.03	0.1	4.75	0.2	0.2	>10	<1	6.6
723395	Rock	0.014	3	12	<0.01	14	<0.001	1	0.10	0.003	0.08	2.6	4.18	<0.1	<0.1	0.65	<1	1.3
723396	Rock	0.006	2	16	<0.01	14	<0.001	1	0.09	0.004	0.09	46.1	0.41	<0.1	<0.1	1.47	<1	<0.5

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Vancouver BC V6C 2B3 Canada

Project: Sidina
Report Date: October 12, 2009

QUALITY CONTROL REPORT SMI09000279.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Reference Materials																					
STD DS7	Standard		20.4	103.6	66.1	397	0.9	56.4	9.2	616	2.36	64.1	4.6	70.8	4.2	65	5.9	6.0	4.2	80	0.90
STD DS7	Standard		21.3	104.6	65.2	385	0.8	56.0	9.6	620	2.44	51.3	4.6	82.7	4.4	70	5.8	5.3	4.1	81	0.94
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	Blank		<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	Prep Blank		<0.1	1.7	2.1	45	<0.1	3.6	4.3	538	1.87	1.0	1.6	1.8	3.6	46	<0.1	<0.1	0.1	38	0.47
G1	Prep Blank		<0.1	1.7	2.2	46	<0.1	3.9	4.2	534	1.86	0.9	1.6	<0.5	3.5	41	<0.1	<0.1	<0.1	38	0.47

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QUALITY CONTROL REPORT SMI09000279.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
Reference Materials																		
STD DS7	Standard	0.073	12	225	0.99	394	0.111	36	0.96	0.101	0.43	4.0	0.18	2.2	4.2	0.19	5	3.4
STD DS7	Standard	0.074	12	231	1.01	403	0.112	37	1.03	0.103	0.45	3.9	0.19	2.3	4.1	0.20	5	3.8
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	Blank	<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	Prep Blank	0.082	5	11	0.59	237	0.107	1	0.86	0.052	0.52	<0.1	<0.01	1.5	0.4	<0.05	5	<0.5
G1	Prep Blank	0.082	6	10	0.59	238	0.108	<1	0.86	0.051	0.51	<0.1	<0.01	1.5	0.4	<0.05	5	<0.5

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1022 - 475 Howe Street
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Project: Sidina
Report Date: October 08, 2009

CERTIFICATE OF ANALYSIS SMI09000259.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
723371	Rock	4.02	19.3	93.0	262.8	1362	2.4	1.6	6.2	>10000	12.15	>10000	0.7	869.2	2.4	32	30.0	193.3	15.1	<2	0.14
723372	Rock	3.59	16.5	156.0	418.4	2354	8.0	2.9	7.0	567	5.12	>10000	0.8	1910	3.0	13	38.7	210.9	30.8	<2	0.05
723373	Rock	3.24	5.0	294.7	891.6	5524	16.9	0.7	3.1	1159	13.69	>10000	0.3	1455	0.7	12	49.5	179.0	94.1	<2	0.13
723374	Rock	3.82	1.0	55.2	8.5	51	0.5	7.9	9.9	472	3.96	240.0	<0.1	22.6	0.7	9	0.1	2.2	0.4	31	0.07
723375	Rock	4.06	5.4	415.6	382.7	96	21.0	1.4	15.2	440	9.63	4931	0.9	276.4	3.6	6	1.7	271.1	93.3	<2	0.07
723376	Rock	3.58	110.9	740.9	6102	4279	54.1	7.0	4.6	402	23.25	>10000	1.3	8646	0.8	7	61.3	>2000	556.1	<2	<0.01
723377	Rock	5.38	1.9	710.1	190.0	222	11.8	5.7	49.7	873	22.99	>10000	<0.1	5292	0.2	2	3.0	129.9	49.6	4	0.02
723378	Rock	4.11	0.8	1224	248.7	2373	16.7	13.0	25.7	2371	31.82	>10000	<0.1	3396	0.2	11	30.1	66.7	101.1	4	0.04
723379	Rock	5.55	0.4	1305	476.9	494	20.4	10.8	71.7	2070	27.73	>10000	<0.1	2944	<0.1	12	10.0	85.9	96.6	2	0.05
723380	Rock	3.72	0.2	7.8	6.5	52	<0.1	3.7	4.4	556	2.01	128.7	1.7	10.8	3.9	72	<0.1	1.7	0.7	38	0.60
723381	Rock	5.11	0.4	648.0	129.4	512	8.3	3.3	37.4	705	22.64	>10000	<0.1	8844	0.1	6	6.4	237.5	58.4	<2	<0.01
723382	Rock	3.47	3.0	206.4	63.7	40	10.0	2.5	8.1	47	3.71	>10000	0.7	3420	0.4	4	1.0	123.6	32.5	<2	<0.01
723383	Rock	4.02	4.2	266.7	229.9	39	26.3	2.9	36.0	922	13.89	>10000	0.5	8526	0.1	23	0.9	152.3	79.9	4	<0.01

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Project: Sidina
Report Date: October 08, 2009

CERTIFICATE OF ANALYSIS SMI09000259.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
723371	Rock	0.019	4	5	0.04	40	<0.001	3	0.19	0.004	0.17	0.5	0.34	0.3	<0.1	1.28	1	0.7
723372	Rock	0.020	4	7	0.01	40	<0.001	4	0.25	0.005	0.21	2.6	0.82	0.3	<0.1	2.71	<1	0.9
723373	Rock	0.004	3	2	0.01	19	<0.001	<1	0.06	0.003	0.05	0.5	2.10	0.3	<0.1	1.54	<1	1.6
723374	Rock	0.062	5	9	0.46	81	0.002	<1	1.47	0.022	0.22	<0.1	0.01	2.4	<0.1	0.26	5	1.1
723375	Rock	0.024	3	7	0.03	26	<0.001	4	0.21	0.005	0.21	0.3	0.05	0.3	<0.1	6.26	<1	1.3
723376	Rock	0.005	<1	2	<0.01	24	<0.001	1	0.06	0.003	0.06	15.8	5.48	0.3	<0.1	9.04	<1	3.9
723377	Rock	0.008	<1	3	0.02	15	<0.001	1	0.19	0.003	0.08	1.2	0.07	0.5	<0.1	>10	2	5.7
723378	Rock	0.002	<1	4	0.07	12	<0.001	<1	0.23	0.005	0.06	0.3	0.29	0.5	<0.1	>10	1	3.1
723379	Rock	<0.001	<1	3	0.04	3	<0.001	<1	0.10	0.004	<0.01	16.1	0.06	0.2	<0.1	>10	<1	3.5
723380	Rock	0.084	9	11	0.58	271	0.125	1	1.03	0.090	0.53	<0.1	<0.01	2.1	0.4	<0.05	5	<0.5
723381	Rock	0.001	<1	3	<0.01	11	<0.001	<1	0.07	0.004	0.04	0.5	0.07	0.2	<0.1	>10	<1	2.7
723382	Rock	0.002	<1	15	<0.01	11	<0.001	1	0.06	0.004	0.03	0.2	0.01	0.1	<0.1	1.72	<1	0.9
723383	Rock	0.004	<1	7	0.01	15	<0.001	<1	0.15	0.003	0.03	0.6	0.03	0.6	<0.1	4.11	1	2.3

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QUALITY CONTROL REPORT SMI09000259.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Reference Materials																					
STD DS7	Standard		19.6	104.5	63.7	379	0.8	53.6	9.2	646	2.47	50.9	4.6	74.3	4.2	76	6.4	6.1	5.0	83	1.00
STD DS7	Standard		18.3	101.0	61.3	371	0.7	52.0	8.4	614	2.36	49.2	4.3	80.9	3.9	74	6.4	5.5	4.7	80	0.96
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	Blank		<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	Prep Blank		<0.1	3.2	2.4	49	<0.1	4.0	4.6	588	2.12	1.5	1.7	1.9	4.1	66	<0.1	<0.1	<0.1	41	0.58
G1	Prep Blank		0.2	3.7	2.4	47	<0.1	3.8	4.4	578	2.03	4.0	1.6	2.5	3.9	64	<0.1	<0.1	<0.1	40	0.57

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QUALITY CONTROL REPORT SMI09000259.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
Reference Materials																		
STD DS7	Standard	0.080	13	215	1.07	397	0.111	44	1.09	0.097	0.50	3.9	0.21	2.3	4.2	0.20	5	3.5
STD DS7	Standard	0.077	12	208	1.03	385	0.105	36	1.04	0.093	0.44	3.4	0.19	2.2	4.1	0.19	5	3.0
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	Blank	<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	Prep Blank	0.094	9	13	0.62	273	0.133	1	1.06	0.097	0.59	0.1	<0.01	2.3	0.4	<0.05	5	<0.5
G1	Prep Blank	0.097	9	12	0.61	259	0.131	1	1.02	0.078	0.55	<0.1	<0.01	2.2	0.4	<0.05	6	<0.5

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Project: Sidina
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS SMI09000147.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
184233	Rock	4.30	0.7	410.3	8208	1386	>100	3.6	5.9	14	30.63	>10000	0.3	7451	0.2	68	16.6	755.2	152.9	9	<0.01
184234	Rock	3.84	2.3	1114	124.7	33	4.0	19.1	111.8	268	15.05	1920	0.4	57.3	1.0	15	0.2	7.6	3.3	49	0.28
184235	Rock	5.23	0.5	68.6	1023	20	9.9	7.6	38.9	680	13.46	>10000	<0.1	3782	<0.1	233	0.5	286.8	90.5	3	2.42
184236	Rock	5.32	15.6	27.2	692.4	496	3.6	2.6	4.8	570	3.69	>10000	1.1	1026	4.1	173	8.6	68.7	8.6	<2	1.32
184237	Rock	3.99	2.3	5.4	95.1	40	0.6	1.0	3.6	1046	1.61	9955	0.5	219.2	1.7	501	0.2	30.6	1.5	<2	4.22

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CERTIFICATE OF ANALYSIS SMI09000147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
184233	Rock	0.001	<1	3	<0.01	10	<0.001	<1	0.04	0.002	0.03	<0.1	0.51	<0.1	<0.1	>10	<1	3.6
184234	Rock	0.054	2	14	0.71	26	0.081	1	1.93	0.036	0.33	16.6	<0.01	3.8	0.3	8.37	7	3.5
184235	Rock	0.001	3	9	0.04	6	<0.001	<1	0.06	0.002	0.01	<0.1	<0.01	0.3	<0.1	5.59	<1	1.6
184236	Rock	0.021	3	8	0.03	37	<0.001	3	0.21	0.002	0.18	0.6	0.06	0.3	0.1	2.19	<1	0.6
184237	Rock	0.012	2	5	0.10	19	<0.001	2	0.23	0.003	0.09	0.2	<0.01	0.3	<0.1	0.55	<1	<0.5

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QUALITY CONTROL REPORT SMI09000147.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
184237	Rock	3.99	2.3	5.4	95.1	40	0.6	1.0	3.6	1046	1.61	9955	0.5	219.2	1.7	501	0.2	30.6	1.5	<2	4.22
REP 184237	QC		2.3	5.3	98.6	39	0.6	1.3	3.3	1001	1.65	>10000	0.6	232.9	1.8	500	0.3	31.3	1.7	<2	4.31
Reference Materials																					
STD DS7	Standard		19.2	105.3	76.3	404	0.8	54.7	9.3	614	2.40	60.8	5.2	118.3	4.9	77	6.8	6.4	5.2	81	0.94
STD DS7	Standard		19.2	100.8	71.3	381	0.7	51.8	9.1	588	2.32	60.3	5.0	67.1	4.5	73	6.2	5.9	4.9	76	0.90
STD DS7	Standard		19.7	98.2	77.4	401	0.9	53.2	8.5	600	2.31	50.3	5.3	113.8	4.8	76	6.9	6.6	4.9	80	0.92
STD DS7	Standard		18.6	93.3	71.1	365	0.8	50.3	8.2	569	2.19	47.3	4.6	60.4	4.3	69	5.5	5.3	4.5	76	0.89
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	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	7.7	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<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	Prep Blank		0.2	15.3	3.9	44	<0.1	3.7	4.0	552	1.96	0.7	1.7	2.1	4.2	67	<0.1	<0.1	<0.1	39	0.55
G1	Prep Blank		0.2	14.2	3.3	42	<0.1	3.8	4.0	554	1.93	1.4	1.7	2.0	4.1	63	<0.1	<0.1	<0.1	39	0.53

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QUALITY CONTROL REPORT SMI09000147.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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																		
184237	Rock	0.012	2	5	0.10	19	<0.001	2	0.23	0.003	0.09	0.2	<0.01	0.3	<0.1	0.55	<1	<0.5
REP 184237	QC	0.014	2	4	0.11	19	<0.001	2	0.23	0.001	0.09	0.1	<0.01	0.3	<0.1	0.56	<1	<0.5
Reference Materials																		
STD DS7	Standard	0.080	13	180	1.03	414	0.122	44	0.99	0.086	0.44	3.8	0.18	2.4	4.1	0.20	5	3.3
STD DS7	Standard	0.081	12	173	0.97	383	0.115	41	0.94	0.086	0.41	3.6	0.17	2.1	3.9	0.18	4	4.5
STD DS7	Standard	0.073	13	179	1.01	421	0.107	39	0.97	0.083	0.43	4.3	0.17	2.3	4.6	0.19	5	3.1
STD DS7	Standard	0.071	11	178	0.95	365	0.106	39	0.93	0.082	0.40	3.7	0.17	2.0	3.9	0.18	5	3.6
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	Blank	<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
BLK	Blank	<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	Prep Blank	0.082	8	13	0.59	249	0.132	<1	1.00	0.074	0.52	0.1	<0.01	1.9	0.4	<0.05	5	<0.5
G1	Prep Blank	0.083	7	13	0.58	246	0.127	<1	0.98	0.072	0.54	<0.1	<0.01	1.8	0.4	<0.05	5	<0.5

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Project: Sidina
Report Date: September 29, 2009

CERTIFICATE OF ANALYSIS SMI09000250.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42500N 92750E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92775E	Soil		10.4	59.1	22.5	379	0.3	10.0	10.2	513	4.76	458.2	2.8	2.3	0.8	64	2.6	3.2	0.7	49	0.64	0.075
42500N 92800E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92825E	Soil		2.8	47.1	27.3	247	<0.1	13.3	16.9	917	4.05	207.8	0.8	2.6	0.9	42	0.8	3.6	0.5	44	0.40	0.033
42500N 92850E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92875E	Soil		3.7	62.5	21.5	281	0.1	12.0	12.6	694	4.62	269.3	4.8	3.9	1.3	51	1.2	2.3	0.9	48	0.52	0.086
42500N 92900E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92925E	Soil		3.6	207.3	24.2	135	1.4	13.7	11.2	641	3.78	283.9	10.0	4.2	0.8	96	4.5	2.7	0.8	40	1.20	0.115
42500N 92950E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92975E	Soil		3.6	40.6	14.2	55	0.7	3.8	2.2	143	1.92	77.6	1.3	3.5	0.8	8	0.6	1.1	0.7	27	0.04	0.174
42500N 93000E	Soil		4.1	36.8	18.8	149	0.3	8.8	7.5	873	3.04	136.9	1.3	1.3	0.5	12	0.9	1.1	0.7	48	0.06	0.139
42500N 93025E	Soil		3.6	40.2	19.7	166	0.2	11.6	10.1	433	4.70	199.3	0.8	6.3	0.8	33	0.7	2.5	0.9	51	0.35	0.088
42500N 93050E	Soil		3.3	32.3	32.8	86	0.6	5.5	4.4	339	4.45	878.3	0.5	14.5	0.2	13	1.2	4.9	9.6	54	0.10	0.089
42500N 93075E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93100E	Soil		4.8	39.1	20.1	82	0.4	7.1	5.7	264	5.48	180.7	0.5	3.2	0.7	14	1.0	1.9	0.7	54	0.08	0.091
42500N 93125E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93150E	Soil		4.5	43.7	15.3	72	0.3	5.6	3.5	157	3.80	163.6	0.6	1.8	0.2	47	1.7	1.7	0.8	67	0.51	0.086
42500N 93175E	Soil		3.9	42.1	17.9	93	0.6	7.2	5.5	299	5.13	200.1	0.7	2.4	0.6	13	0.7	2.0	0.6	56	0.10	0.105
42500N 93200E	Soil		4.4	59.1	23.6	225	0.6	14.1	18.2	910	5.16	394.7	1.3	5.0	0.8	27	1.0	3.1	0.6	48	0.20	0.117
42500N 93225E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93250E	Soil		7.1	36.1	19.6	68	0.3	6.1	4.2	259	5.42	58.6	0.4	1.4	0.6	16	0.7	1.8	0.3	53	0.11	0.105
42500N 93275E	Soil		9.3	46.2	19.0	242	0.2	10.9	8.9	411	5.06	275.5	2.4	3.2	0.8	10	0.7	2.2	0.5	53	0.05	0.079
42500N 93300E	Soil		3.1	42.1	16.9	97	0.6	8.8	9.4	480	4.36	83.8	0.5	5.1	0.9	6	0.4	1.3	0.4	42	0.03	0.115
42500N 93325E	Soil		4.7	47.5	18.1	140	0.2	10.1	8.9	389	5.34	187.3	0.7	2.8	0.6	50	0.9	2.1	0.5	56	0.44	0.078
42500N 93350E	Soil		4.4	49.3	17.3	118	0.3	14.0	13.8	643	4.96	98.1	0.6	5.4	0.8	25	0.6	1.9	0.3	47	0.23	0.086
42500N 93375E	Soil		10.3	39.6	18.1	86	0.2	6.4	5.3	434	4.36	106.7	0.8	4.0	0.6	7	0.5	2.0	0.4	51	0.03	0.144
42500N 93400E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93425E	Soil		6.4	100.8	21.7	350	0.7	15.7	15.7	1236	4.35	405.0	3.3	2.8	0.8	61	3.0	2.4	0.4	45	0.48	0.134
42500N 93450E	Soil		6.0	36.6	12.6	208	0.2	10.3	12.5	547	4.43	279.0	0.4	1.4	0.5	50	1.3	2.3	0.3	55	0.52	0.133
42500N 93475E	Soil		4.3	23.5	12.0	66	0.2	5.9	4.7	199	3.82	52.3	0.3	<0.5	0.4	16	0.6	1.0	0.3	60	0.17	0.087

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Project: Sidina
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CERTIFICATE OF ANALYSIS SMI09000250.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	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
42500N 92750E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92775E	Soil		8	12	0.31	99	0.002	<1	2.29	0.012	0.04	1.1	0.04	3.4	<0.1	<0.05	7	0.6
42500N 92800E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92825E	Soil		7	13	0.47	83	0.002	<1	1.61	0.008	0.04	0.8	0.03	4.4	<0.1	<0.05	5	0.8
42500N 92850E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92875E	Soil		10	15	0.40	107	0.003	<1	2.39	0.010	0.05	1.3	0.07	5.1	<0.1	<0.05	8	0.9
42500N 92900E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92925E	Soil		16	15	0.21	98	0.004	1	1.96	0.009	0.04	1.5	0.13	4.1	<0.1	0.05	5	1.5
42500N 92950E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 92975E	Soil		6	7	0.08	57	0.002	<1	1.98	0.009	0.03	1.3	0.12	1.8	<0.1	<0.05	5	0.6
42500N 93000E	Soil		7	11	0.29	102	0.004	1	1.89	0.007	0.05	1.8	0.04	1.9	<0.1	<0.05	7	0.5
42500N 93025E	Soil		6	13	0.38	124	0.003	2	2.23	0.014	0.07	1.4	0.05	4.0	<0.1	<0.05	7	<0.5
42500N 93050E	Soil		6	8	0.11	75	0.006	<1	1.33	0.009	0.04	9.5	0.08	1.0	<0.1	<0.05	8	<0.5
42500N 93075E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93100E	Soil		5	11	0.14	61	0.004	<1	2.47	0.006	0.03	1.3	0.11	2.5	<0.1	<0.05	7	1.1
42500N 93125E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93150E	Soil		7	9	0.14	91	0.007	<1	1.48	0.008	0.03	2.5	0.06	1.5	<0.1	<0.05	9	<0.5
42500N 93175E	Soil		7	12	0.23	57	0.005	<1	2.12	0.011	0.06	1.1	0.07	2.9	<0.1	<0.05	8	0.6
42500N 93200E	Soil		8	13	0.41	86	0.002	<1	2.78	0.010	0.05	1.2	0.08	4.5	<0.1	<0.05	7	0.7
42500N 93225E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93250E	Soil		6	12	0.15	55	0.003	<1	2.04	0.008	0.03	0.3	0.08	3.0	<0.1	<0.05	7	<0.5
42500N 93275E	Soil		7	13	0.37	77	0.002	<1	3.01	0.009	0.04	0.4	0.06	4.0	<0.1	<0.05	7	0.5
42500N 93300E	Soil		7	14	0.32	68	0.003	3	2.82	0.011	0.06	0.2	0.12	3.9	<0.1	<0.05	6	1.0
42500N 93325E	Soil		7	12	0.32	94	0.002	<1	2.21	0.010	0.04	0.2	0.05	3.9	<0.1	<0.05	8	<0.5
42500N 93350E	Soil		7	14	0.41	89	0.002	1	3.21	0.012	0.06	0.2	0.07	4.8	<0.1	<0.05	7	<0.5
42500N 93375E	Soil		5	11	0.18	88	0.002	<1	2.12	0.010	0.04	0.2	0.09	2.8	<0.1	<0.05	7	0.6
42500N 93400E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42500N 93425E	Soil		12	14	0.40	97	0.002	<1	2.43	0.012	0.05	0.1	0.07	6.5	<0.1	<0.05	7	0.9
42500N 93450E	Soil		7	13	0.36	95	0.003	2	2.30	0.013	0.06	0.2	0.04	3.8	<0.1	<0.05	7	<0.5
42500N 93475E	Soil		6	10	0.18	104	0.003	1	1.60	0.009	0.03	0.2	0.05	2.5	<0.1	<0.05	8	0.6

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42550N 92750E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92775E	Soil		3.9	92.6	19.6	133	0.7	11.7	14.4	423	4.73	161.0	1.0	4.4	0.9	52	0.9	1.8	0.6	50	0.63	0.101
42550N 92800E	Soil		10.0	61.0	19.2	868	0.7	9.7	9.2	1058	3.94	605.5	5.7	4.7	0.8	66	4.5	2.7	0.8	43	0.68	0.121
42550N 92825E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92850E	Soil		5.0	51.9	20.9	657	0.4	11.9	15.3	1066	3.79	237.8	4.4	5.8	1.2	53	3.2	3.4	0.8	39	0.53	0.131
42550N 92875E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92900E	Soil		5.6	183.1	94.0	1592	0.8	22.9	28.3	4425	5.21	605.5	4.6	9.6	1.2	49	11.2	12.0	3.5	46	0.46	0.189
42550N 92925E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92950E	Soil		6.1	100.7	24.0	721	1.5	18.0	16.2	2536	3.77	455.8	8.4	4.9	1.5	91	7.5	3.9	0.7	29	0.95	0.317
42550N 92975E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93000E	Soil		3.1	29.1	12.9	60	0.2	3.2	3.1	396	2.84	109.6	0.5	45.8	0.7	5	0.3	1.5	0.7	38	0.02	0.136
42550N 93025E	Soil		3.1	33.5	15.9	129	0.2	7.9	5.8	737	4.10	147.8	0.6	4.3	0.7	10	0.8	1.9	0.8	56	0.03	0.180
42550N 93050E	Soil		3.7	42.0	17.7	123	0.3	6.7	5.4	504	3.82	190.2	0.7	3.4	0.8	8	0.7	2.0	1.3	55	0.03	0.178
42550N 93075E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93100E	Soil		3.6	43.4	33.2	216	0.4	11.6	12.3	758	5.66	213.4	0.7	6.8	1.0	16	1.5	2.8	0.8	48	0.13	0.097
42550N 93125E	Soil		4.4	136.4	23.3	584	0.9	16.0	13.1	1211	4.24	512.4	4.2	6.8	0.9	62	4.0	3.9	0.8	46	0.49	0.133
42550N 93150E	Soil		9.9	211.9	17.0	276	1.7	14.5	13.4	1202	4.05	450.3	10.2	12.3	0.8	96	4.2	2.5	0.7	41	0.79	0.246
42550N 93175E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93200E	Soil		2.7	48.5	19.1	250	0.1	15.5	16.1	905	4.24	252.8	0.8	33.3	0.9	26	1.1	3.7	0.5	47	0.25	0.055
42550N 93225E	Soil		3.9	77.2	23.6	302	0.3	16.1	17.9	1027	5.01	400.6	1.0	38.4	1.0	40	1.1	6.4	1.3	54	0.34	0.083
42550N 93250E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93275E	Soil		6.2	38.8	25.3	196	0.1	8.8	13.8	694	5.54	419.6	0.9	13.1	0.7	47	0.9	4.0	0.9	58	0.36	0.122
42550N 93300E	Soil		16.1	27.0	17.2	93	0.2	4.6	3.9	260	4.07	201.8	1.3	3.9	0.5	10	0.9	2.2	0.6	43	0.07	0.138
42550N 93325E	Soil		30.3	36.5	15.8	79	0.1	5.4	4.5	276	3.65	202.7	1.0	0.7	0.6	27	0.6	3.0	0.5	63	0.22	0.074
42550N 93350E	Soil		12.7	55.1	14.3	175	0.5	13.4	10.3	458	4.10	242.6	1.8	4.1	0.7	74	1.1	3.8	0.5	47	0.68	0.110
42550N 93375E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93400E	Soil		9.2	178.4	40.6	860	1.0	25.8	31.1	5082	5.32	744.8	5.2	9.1	1.1	80	15.8	7.5	1.2	42	0.76	0.276
42550N 93425E	Soil		4.5	50.2	13.0	738	1.1	6.2	6.8	393	2.54	195.7	0.9	20.4	0.5	41	3.3	1.6	0.3	45	0.35	0.106
42550N 93450E	Soil		12.4	46.1	15.6	131	0.3	6.3	5.6	256	4.37	342.8	0.8	3.8	0.5	36	1.1	2.7	0.4	51	0.32	0.140
42550N 93475E	Soil		4.2	65.6	14.6	305	0.7	7.4	7.0	510	3.42	353.6	0.8	3.1	0.5	54	1.0	3.0	0.4	44	0.54	0.172

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Project: Sidina
Report Date: September 29, 2009

CERTIFICATE OF ANALYSIS SMI09000250.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	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
42550N 92750E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92775E	Soil		16	13	0.19	129	0.002	1	2.95	0.011	0.04	0.4	0.11	5.4	<0.1	<0.05	7	1.1
42550N 92800E	Soil		11	11	0.21	86	0.003	<1	2.47	0.011	0.04	1.4	0.09	4.0	<0.1	<0.05	7	1.1
42550N 92825E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92850E	Soil		10	13	0.35	99	0.002	1	2.01	0.009	0.05	1.4	0.08	6.6	<0.1	0.05	5	1.0
42550N 92875E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92900E	Soil		11	17	0.41	134	0.006	1	2.38	0.010	0.05	2.8	0.10	4.9	<0.1	0.06	7	0.9
42550N 92925E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 92950E	Soil		23	16	0.22	104	0.004	1	3.68	0.010	0.04	1.0	0.16	5.8	<0.1	0.11	5	1.6
42550N 92975E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93000E	Soil		6	8	0.10	51	0.002	<1	1.77	0.008	0.03	2.2	0.07	1.8	0.1	<0.05	7	<0.5
42550N 93025E	Soil		7	19	0.22	76	0.005	2	2.32	0.009	0.05	1.9	0.06	2.3	<0.1	<0.05	8	0.9
42550N 93050E	Soil		5	14	0.22	71	0.003	<1	2.30	0.008	0.04	2.7	0.09	2.3	<0.1	<0.05	7	<0.5
42550N 93075E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93100E	Soil		5	13	0.38	119	0.001	<1	2.53	0.008	0.05	1.5	0.06	3.8	<0.1	<0.05	6	0.6
42550N 93125E	Soil		11	15	0.49	101	0.003	3	2.23	0.010	0.06	0.3	0.05	5.5	<0.1	<0.05	7	1.2
42550N 93150E	Soil		17	13	0.37	95	0.004	1	2.58	0.010	0.05	0.6	0.09	4.7	<0.1	0.08	7	1.0
42550N 93175E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93200E	Soil		9	15	0.52	79	0.004	2	2.02	0.009	0.05	0.7	0.02	5.0	<0.1	<0.05	6	0.6
42550N 93225E	Soil		10	15	0.61	91	0.003	<1	2.30	0.011	0.05	1.1	0.06	6.3	<0.1	<0.05	6	0.8
42550N 93250E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93275E	Soil		6	12	0.30	92	0.003	<1	2.04	0.006	0.04	1.0	0.04	3.8	0.1	<0.05	8	0.7
42550N 93300E	Soil		6	9	0.09	72	0.003	3	1.55	0.007	0.04	0.6	0.05	2.3	0.1	<0.05	5	0.7
42550N 93325E	Soil		7	9	0.15	78	0.002	<1	1.45	0.008	0.04	0.5	0.04	2.6	<0.1	<0.05	8	<0.5
42550N 93350E	Soil		9	13	0.30	92	0.003	3	2.37	0.010	0.05	0.6	0.08	4.6	0.1	<0.05	7	1.3
42550N 93375E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42550N 93400E	Soil		20	17	0.45	108	0.009	2	2.96	0.009	0.06	0.9	0.12	7.3	<0.1	0.08	7	1.5
42550N 93425E	Soil		10	9	0.10	64	0.002	<1	1.76	0.010	0.03	0.6	0.08	2.8	<0.1	<0.05	7	1.0
42550N 93450E	Soil		8	10	0.19	79	0.002	<1	1.95	0.009	0.04	0.2	0.07	3.2	<0.1	<0.05	8	<0.5
42550N 93475E	Soil		11	12	0.17	71	0.003	3	2.06	0.012	0.05	0.2	0.08	4.1	0.1	<0.05	7	1.2

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CERTIFICATE OF ANALYSIS SMI09000250.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42600N 92750E	Soil	20.9	43.8	22.7	158	0.8	7.4	6.2	460	4.50	310.0	1.5	3.4	1.0	48	0.9	3.2	1.3	52	0.49	0.088
42600N 92775E	Soil	11.1	53.9	14.8	150	0.2	9.8	11.4	983	3.74	312.0	2.6	1.6	0.9	76	0.5	2.5	0.4	51	0.79	0.102
42600N 92800E	Soil	6.7	49.4	13.7	116	0.2	12.4	11.1	404	4.51	160.4	1.4	3.6	0.8	55	0.8	2.9	0.7	51	0.61	0.084
42600N 92825E	Soil	7.9	30.8	16.9	309	0.5	6.5	6.7	331	3.73	392.5	2.3	1.2	0.6	63	1.3	2.0	0.8	48	0.66	0.117
42600N 92850E	Soil	4.6	64.9	14.9	276	0.6	11.4	15.8	452	3.88	315.0	6.0	4.9	0.8	91	2.5	2.8	0.9	43	1.11	0.172
42600N 92875E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42600N 92900E	Soil	7.0	41.3	31.9	422	0.3	13.2	12.8	379	6.15	311.8	0.9	1.8	1.6	25	1.1	3.2	0.7	52	0.17	0.054
42600N 92925E	Soil	4.4	82.0	32.6	831	1.0	16.4	12.0	926	4.99	496.3	3.2	8.5	1.1	61	7.5	4.3	1.0	41	0.79	0.206
42600N 92950E	Soil	6.0	130.1	23.0	398	0.8	15.6	14.7	1438	4.46	275.3	2.1	4.9	1.2	27	5.5	3.2	1.0	50	0.14	0.188
42600N 92975E	Soil	6.3	46.9	24.0	119	1.0	5.8	4.6	323	4.07	285.6	1.0	7.3	0.9	7	1.6	2.2	1.2	47	0.02	0.147
42600N 93000E	Soil	4.1	35.0	13.6	74	0.4	5.2	4.6	335	3.10	115.5	0.8	3.4	0.6	6	1.0	1.7	2.3	53	0.02	0.147
42600N 93025E	Soil	2.1	22.0	13.9	61	0.4	5.2	3.1	146	2.36	114.4	0.5	7.3	0.6	5	0.2	0.9	1.1	41	0.01	0.118
42600N 93050E	Soil	1.5	21.3	9.0	56	0.5	5.0	3.3	167	1.71	65.1	0.4	5.7	0.3	7	0.2	0.7	0.8	32	0.02	0.156
42600N 93075E	Soil	2.6	24.7	11.5	38	0.3	3.3	2.9	232	1.38	56.9	0.6	4.6	0.5	10	0.5	0.6	0.7	28	0.03	0.151
42600N 93100E	Soil	2.5	29.0	16.6	93	0.4	6.5	7.0	827	3.40	168.3	0.5	7.7	0.1	13	0.3	1.5	1.3	48	0.04	0.165
42600N 93125E	Soil	3.1	30.8	21.4	131	0.3	7.8	5.6	254	3.12	194.9	0.6	1.1	0.8	11	0.9	1.4	0.7	43	0.04	0.103
42600N 93150E	Soil	7.6	63.5	32.2	336	0.1	15.4	20.4	1058	4.61	334.7	1.3	6.1	1.1	43	1.3	4.2	0.8	46	0.26	0.046
42600N 93175E	Soil	8.3	88.5	42.8	408	0.8	13.6	29.6	2065	6.39	895.0	3.6	39.2	1.0	34	3.5	3.7	4.9	40	0.20	0.246
42600N 93200E	Soil	5.3	35.1	21.5	149	0.4	6.1	11.1	1567	5.03	313.7	0.7	16.5	0.1	11	0.4	2.5	8.4	79	0.06	0.163
42600N 93225E	Soil	2.5	59.1	18.2	245	0.1	10.8	8.6	493	5.41	395.3	0.5	20.5	1.4	6	0.5	2.9	2.8	50	0.04	0.077
42600N 93250E	Soil	2.1	34.3	14.1	677	0.4	9.7	6.8	530	3.04	386.2	0.7	3.0	0.5	23	1.1	2.2	1.1	39	0.11	0.129
42600N 93275E	Soil	3.0	66.8	28.2	214	0.2	16.1	18.2	819	4.49	409.8	1.8	8.1	1.2	42	0.9	4.6	1.0	47	0.33	0.055
42600N 93300E	Soil	8.2	49.2	161.5	281	0.2	9.5	7.6	385	4.58	710.2	2.6	7.0	0.7	10	1.2	3.9	0.7	43	0.05	0.104
42600N 93325E	Soil	8.1	42.8	31.3	290	0.4	10.3	12.9	849	4.72	924.5	3.8	4.6	0.6	51	1.1	5.4	1.3	45	0.43	0.183
42600N 93350E	Soil	16.0	38.6	52.5	276	1.0	6.6	11.1	1256	6.14	1088	3.8	6.6	0.9	12	1.4	5.5	2.6	54	0.05	0.149
42600N 93375E	Soil	3.9	74.6	15.5	142	0.8	5.7	4.5	190	4.00	202.2	1.1	1.6	0.4	52	5.4	2.9	1.4	47	0.46	0.106
42600N 93400E	Soil	7.5	63.6	15.0	342	0.5	12.9	13.4	750	3.05	348.2	1.1	9.7	0.5	55	3.2	2.5	1.1	33	0.49	0.109
42600N 93425E	Soil	6.3	59.6	22.6	793	0.4	14.8	16.9	954	4.28	822.0	2.5	11.7	0.8	22	1.4	4.3	0.4	40	0.17	0.066
42600N 93450E	Soil	10.2	39.3	15.6	164	0.2	5.4	5.2	235	3.94	296.8	0.9	2.7	0.5	33	2.4	2.6	0.5	49	0.27	0.104
42600N 93475E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	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
42600N 92750E	Soil	7	12	0.19	83	0.004	1	2.26	0.008	0.04	1.8	0.08	2.4	<0.1	<0.05	8	0.5
42600N 92775E	Soil	10	13	0.22	125	0.004	2	2.47	0.016	0.06	0.6	0.07	4.9	0.1	<0.05	7	1.3
42600N 92800E	Soil	9	13	0.25	104	0.002	2	2.29	0.012	0.05	1.0	0.07	4.3	<0.1	<0.05	7	0.8
42600N 92825E	Soil	9	10	0.18	90	0.003	2	1.75	0.011	0.05	1.2	0.07	3.1	<0.1	<0.05	7	0.7
42600N 92850E	Soil	13	14	0.25	93	0.005	4	3.10	0.013	0.04	0.7	0.11	5.2	<0.1	<0.05	7	2.5
42600N 92875E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42600N 92900E	Soil	7	14	0.38	175	0.001	<1	2.56	0.011	0.06	1.9	0.07	5.2	<0.1	<0.05	7	0.5
42600N 92925E	Soil	12	21	0.29	67	0.002	<1	2.10	0.010	0.05	0.8	0.12	6.9	<0.1	0.07	5	0.9
42600N 92950E	Soil	10	15	0.28	163	0.002	<1	2.77	0.015	0.07	1.4	0.06	4.8	0.1	0.05	9	0.7
42600N 92975E	Soil	7	12	0.17	48	0.006	1	2.50	0.010	0.04	3.5	0.10	1.9	<0.1	0.06	8	1.1
42600N 93000E	Soil	7	11	0.13	46	0.003	<1	2.41	0.007	0.04	2.7	0.09	1.5	<0.1	0.06	7	1.1
42600N 93025E	Soil	6	10	0.18	50	0.002	<1	2.08	0.012	0.04	2.1	0.05	1.5	<0.1	<0.05	6	1.4
42600N 93050E	Soil	5	8	0.16	54	0.005	1	2.39	0.008	0.04	1.1	0.08	0.9	<0.1	0.08	6	1.2
42600N 93075E	Soil	7	7	0.10	79	0.002	1	1.74	0.007	0.05	1.7	0.07	0.9	0.1	0.05	5	0.8
42600N 93100E	Soil	6	16	0.21	65	0.008	2	2.22	0.011	0.05	3.0	0.06	1.2	0.1	<0.05	6	1.0
42600N 93125E	Soil	7	12	0.30	78	0.002	<1	2.20	0.010	0.05	1.3	0.05	2.6	<0.1	<0.05	7	0.7
42600N 93150E	Soil	8	11	0.50	94	0.001	<1	2.12	0.010	0.06	1.6	0.03	5.2	<0.1	<0.05	6	0.5
42600N 93175E	Soil	9	11	0.22	111	0.006	<1	3.29	0.009	0.05	3.1	0.09	2.8	0.1	0.09	7	1.3
42600N 93200E	Soil	5	11	0.30	90	0.010	1	2.01	0.010	0.09	5.2	0.10	0.6	0.2	0.05	10	0.7
42600N 93225E	Soil	5	14	0.37	73	0.002	<1	3.41	0.008	0.05	8.8	0.09	4.1	0.1	<0.05	7	0.6
42600N 93250E	Soil	5	11	0.30	89	0.003	<1	2.31	0.012	0.05	0.9	0.07	1.8	0.1	0.05	7	0.5
42600N 93275E	Soil	12	14	0.50	123	0.002	<1	2.68	0.015	0.06	0.4	0.04	6.1	<0.1	<0.05	7	0.8
42600N 93300E	Soil	5	11	0.32	69	0.002	<1	2.26	0.009	0.05	0.7	0.06	3.3	<0.1	<0.05	6	0.9
42600N 93325E	Soil	7	14	0.30	65	0.005	1	2.59	0.009	0.04	0.7	0.06	2.9	0.1	0.07	7	1.5
42600N 93350E	Soil	4	13	0.19	59	0.007	<1	2.91	0.006	0.04	1.8	0.10	2.1	0.1	0.09	6	1.3
42600N 93375E	Soil	10	9	0.17	54	0.004	<1	1.94	0.008	0.03	0.8	0.08	2.6	<0.1	<0.05	8	1.4
42600N 93400E	Soil	8	11	0.40	77	0.002	<1	2.15	0.011	0.04	0.7	0.08	2.9	<0.1	0.09	6	1.1
42600N 93425E	Soil	9	15	0.47	70	0.002	<1	2.15	0.010	0.05	0.6	0.06	5.6	<0.1	<0.05	5	0.7
42600N 93450E	Soil	9	10	0.22	56	0.005	2	1.66	0.011	0.04	0.9	0.04	2.8	<0.1	0.06	7	<0.5
42600N 93475E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Sidina
Report Date: September 29, 2009

CERTIFICATE OF ANALYSIS SMI09000250.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42650N 92750E	Soil		19.6	45.6	78.3	158	0.9	5.9	6.0	382	4.15	1031	1.3	27.4	2.9	11	1.0	10.9	5.5	36	0.08	0.082
42650N 92775E	Soil		10.6	28.8	25.4	86	0.4	5.0	4.0	326	5.23	341.4	0.5	34.7	1.9	12	0.6	5.3	1.9	65	0.08	0.061
42650N 92800E	Soil		16.7	26.3	26.3	79	0.5	7.4	7.8	617	5.59	311.2	1.7	2.9	0.4	10	0.9	2.3	1.1	59	0.09	0.075
42650N 92825E	Soil		4.7	63.3	22.2	102	0.5	8.1	6.6	304	5.28	108.9	1.1	61.5	1.3	5	0.3	2.6	0.5	44	0.02	0.073
42650N 92850E	Soil		10.3	72.5	20.2	163	1.0	11.0	12.6	569	4.40	180.5	2.2	3.9	1.0	11	0.8	3.4	0.6	42	0.05	0.048
42650N 92875E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 92900E	Soil		5.6	47.7	26.0	125	0.2	10.6	11.7	641	4.92	136.7	0.5	3.3	0.8	23	0.5	3.6	0.5	44	0.18	0.071
42650N 92925E	Soil		9.6	51.9	26.0	133	0.2	8.3	13.0	760	5.06	239.4	1.1	14.4	0.7	29	1.4	3.5	0.8	53	0.24	0.132
42650N 92950E	Soil		9.3	54.5	27.2	229	0.5	8.4	10.0	970	4.11	343.9	1.5	4.8	0.6	22	5.3	4.6	1.4	45	0.12	0.168
42650N 92975E	Soil		5.0	49.4	19.2	224	0.4	10.7	7.8	372	3.99	248.1	0.7	28.3	1.0	7	0.8	2.6	1.0	37	0.02	0.117
42650N 93000E	Soil		2.7	29.3	22.4	35	0.5	3.0	1.6	59	2.12	201.7	0.6	5.4	0.5	5	0.6	1.8	0.9	31	0.01	0.124
42650N 93025E	Soil		3.1	38.4	26.6	88	0.2	5.3	4.2	268	3.36	198.1	0.5	20.2	0.5	4	0.6	4.2	1.3	37	0.02	0.112
42650N 93050E	Soil		3.0	38.3	116.9	182	0.3	6.7	6.7	514	4.59	526.0	0.5	7.1	0.9	4	0.6	12.8	1.4	41	0.02	0.133
42650N 93075E	Soil		3.2	54.7	197.6	521	0.7	11.0	25.6	4121	7.50	1206	0.6	36.5	0.3	15	2.6	7.2	4.9	39	0.06	0.275
42650N 93100E	Soil		2.3	38.0	14.7	68	0.5	7.2	6.7	428	3.25	454.1	0.6	6.8	0.2	15	0.5	1.9	1.7	53	0.08	0.170
42650N 93125E	Soil		3.3	98.1	25.3	102	0.5	9.5	18.6	1396	7.02	1566	0.8	40.7	0.9	11	0.4	3.1	4.4	49	0.04	0.223
42650N 93150E	Soil		2.5	17.6	27.1	76	0.3	4.5	5.3	989	2.70	469.3	0.4	2.0	0.4	5	0.3	2.1	0.8	36	0.01	0.128
42650N 93175E	Soil		4.6	20.2	15.4	74	0.9	3.7	3.0	247	3.02	227.0	0.4	21.3	0.2	5	0.4	1.6	0.9	51	0.01	0.107
42650N 93200E	Soil		12.1	136.2	28.6	296	0.8	11.5	14.0	1540	4.45	665.9	10.4	8.8	0.9	13	2.0	2.8	1.6	42	0.04	0.208
42650N 93225E	Soil		2.8	73.5	218.7	1480	2.8	351.7	53.5	7172	12.74	>10000	1.1	752.8	0.8	73	26.3	138.8	13.0	47	0.33	0.223
42650N 93250E	Soil		6.2	75.6	26.6	214	0.2	9.1	9.8	440	5.67	652.9	1.2	17.3	0.6	7	0.8	4.8	3.2	49	0.03	0.129
42650N 93275E	Soil		3.3	50.5	23.2	144	0.4	11.4	9.9	365	4.77	874.8	0.5	30.2	0.7	15	0.6	5.3	2.6	45	0.08	0.074
42650N 93300E	Soil		7.4	87.4	14.3	474	0.5	22.4	12.2	365	3.34	259.9	6.4	10.2	1.0	41	0.8	2.1	0.8	38	0.37	0.075
42650N 93325E	Soil		4.5	35.5	26.8	125	0.5	8.5	6.1	342	4.04	655.2	0.7	19.6	0.5	6	0.4	3.5	1.4	48	0.03	0.147
42650N 93350E	Soil		9.6	78.4	22.3	58	0.2	6.5	8.3	506	7.49	248.2	1.2	29.8	0.7	6	0.9	3.8	6.4	53	0.03	0.156
42650N 93375E	Soil		10.4	88.5	16.1	137	0.9	8.3	12.1	933	4.81	821.0	2.8	35.4	0.3	50	3.8	3.5	1.2	40	0.48	0.272
42650N 93400E	Soil		6.5	88.4	22.0	292	0.3	13.8	15.9	1307	5.21	826.9	1.5	5.9	0.4	77	2.7	5.6	1.2	49	0.76	0.187
42650N 93425E	Soil		5.8	59.8	23.2	160	0.3	7.3	10.9	539	5.21	558.0	0.6	7.4	0.4	26	3.1	4.8	3.0	79	0.12	0.179
42650N 93450E	Soil		6.3	39.7	14.5	171	<0.1	12.8	10.4	412	4.22	312.4	0.5	6.1	0.5	28	0.6	2.1	0.5	52	0.25	0.078
42650N 93475E	Soil		15.4	65.1	41.2	788	0.5	14.5	26.6	4981	5.98	611.1	1.2	27.9	0.7	12	17.4	7.9	0.7	33	0.09	0.154

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Project: Sidina
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CERTIFICATE OF ANALYSIS SMI09000250.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	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
42650N 92750E	Soil	8	11	0.20	66	0.002	1	1.38	0.007	0.07	9.9	0.13	2.4	0.1	0.08	4	0.6
42650N 92775E	Soil	7	10	0.11	44	0.004	1	2.17	0.006	0.03	3.7	0.06	1.8	<0.1	<0.05	9	0.7
42650N 92800E	Soil	7	17	0.30	54	0.026	2	2.77	0.009	0.05	1.3	0.10	2.7	0.1	0.07	10	1.0
42650N 92825E	Soil	5	16	0.22	57	0.002	<1	3.14	0.009	0.04	0.5	0.14	3.9	<0.1	<0.05	6	1.2
42650N 92850E	Soil	5	13	0.34	81	0.003	<1	2.79	0.008	0.04	0.5	0.05	4.1	<0.1	<0.05	5	0.6
42650N 92875E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 92900E	Soil	5	13	0.40	65	0.001	<1	2.32	0.008	0.04	0.7	0.04	4.2	<0.1	<0.05	6	0.7
42650N 92925E	Soil	9	11	0.23	73	0.004	<1	2.17	0.009	0.04	1.3	0.05	2.9	<0.1	<0.05	8	0.9
42650N 92950E	Soil	11	11	0.26	71	0.005	<1	2.06	0.011	0.05	2.2	0.11	2.5	<0.1	0.07	9	0.8
42650N 92975E	Soil	7	12	0.33	67	0.002	<1	2.57	0.008	0.04	1.3	0.06	3.3	<0.1	<0.05	6	0.9
42650N 93000E	Soil	5	7	0.06	39	0.002	<1	1.63	0.009	0.03	1.7	0.09	1.0	<0.1	0.05	6	0.6
42650N 93025E	Soil	6	10	0.18	40	0.004	<1	1.98	0.009	0.04	2.6	0.07	1.5	<0.1	0.05	8	0.6
42650N 93050E	Soil	6	12	0.22	41	0.003	<1	2.55	0.007	0.03	4.9	0.09	2.4	0.1	<0.05	7	1.2
42650N 93075E	Soil	5	11	0.15	60	0.007	<1	2.47	0.006	0.05	2.3	0.10	1.6	<0.1	0.14	6	0.9
42650N 93100E	Soil	5	27	0.23	82	0.005	<1	1.88	0.012	0.05	2.2	0.10	0.9	0.2	0.05	7	0.8
42650N 93125E	Soil	5	13	0.22	56	0.008	1	3.37	0.007	0.04	29.7	0.13	2.0	0.1	0.10	6	0.8
42650N 93150E	Soil	7	6	0.06	63	0.005	2	1.35	0.008	0.04	3.8	0.05	0.9	0.1	0.07	6	<0.5
42650N 93175E	Soil	5	8	0.11	49	0.004	1	1.49	0.009	0.04	2.1	0.05	1.1	<0.1	0.07	7	<0.5
42650N 93200E	Soil	12	14	0.30	83	0.009	1	2.90	0.009	0.05	6.8	0.06	2.5	0.2	0.09	8	0.6
42650N 93225E	Soil	11	119	0.65	126	0.003	2	2.42	0.006	0.04	1.6	0.31	11.4	<0.1	0.06	4	0.7
42650N 93250E	Soil	6	12	0.27	75	0.008	<1	2.42	0.008	0.04	11.3	0.06	1.7	0.1	0.11	9	<0.5
42650N 93275E	Soil	6	10	0.32	84	0.002	<1	2.08	0.008	0.05	1.0	0.04	3.2	0.1	<0.05	7	<0.5
42650N 93300E	Soil	12	13	0.56	93	0.002	1	2.32	0.016	0.06	1.1	0.03	3.9	0.1	<0.05	6	0.9
42650N 93325E	Soil	5	11	0.31	51	0.007	1	2.10	0.009	0.05	1.6	0.06	2.6	<0.1	<0.05	7	0.6
42650N 93350E	Soil	4	13	0.13	37	0.007	<1	2.59	0.009	0.03	24.5	0.12	2.0	<0.1	0.08	7	1.0
42650N 93375E	Soil	15	9	0.22	48	0.006	1	2.38	0.011	0.06	0.6	0.08	1.4	<0.1	0.21	7	1.2
42650N 93400E	Soil	11	13	0.45	77	0.005	1	2.01	0.008	0.06	1.5	0.04	2.6	<0.1	0.07	7	0.5
42650N 93425E	Soil	5	11	0.24	55	0.005	<1	2.20	0.008	0.04	3.1	0.06	1.7	<0.1	0.09	10	0.6
42650N 93450E	Soil	6	13	0.45	90	0.001	<1	2.10	0.018	0.04	1.0	0.03	3.2	<0.1	0.06	7	<0.5
42650N 93475E	Soil	8	10	0.16	87	0.002	1	3.49	0.005	0.04	0.6	0.29	3.7	<0.1	0.09	5	0.9

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42650N 93500E	Soil		2.9	39.0	21.5	275	0.3	8.7	13.1	1021	4.61	803.6	0.5	4.0	0.5	16	2.2	2.2	0.4	43	0.14	0.180
42650N 93525E	Soil		3.3	19.8	10.8	53	0.3	3.2	4.3	397	2.08	118.0	0.3	2.4	0.1	11	0.7	0.9	0.3	36	0.05	0.132
42650N 93550E	Soil		8.2	76.7	23.0	205	0.3	7.8	9.9	1589	3.97	308.7	3.3	2.7	0.4	15	1.3	3.2	0.8	47	0.10	0.234
42650N 93575E	Soil		4.6	32.6	122.2	135	0.5	6.5	11.2	2504	3.53	90.9	0.6	3.9	0.2	18	1.1	4.3	0.6	36	0.21	0.258
42650N 93600E	Soil		2.9	48.1	27.4	141	0.6	7.9	12.0	1110	4.62	311.7	0.5	6.0	1.0	5	0.6	2.7	0.6	41	0.03	0.198
42650N 93625E	Soil		1.3	34.4	10.0	42	0.4	5.2	3.0	139	3.55	34.5	0.3	1.7	0.2	6	0.4	0.7	0.2	58	0.04	0.105
42650N 93650E	Soil		1.9	32.7	18.7	113	0.3	12.2	11.1	604	4.35	43.9	0.4	1.8	0.8	8	0.3	1.2	0.2	43	0.04	0.100
42650N 93675E	Soil		2.2	28.1	10.3	97	0.3	8.2	8.2	493	4.01	30.8	0.4	1.9	0.3	16	0.4	0.9	0.3	40	0.19	0.168
42650N 93700E	Soil		3.1	49.0	15.3	116	<0.1	12.1	11.6	425	4.21	51.5	0.3	3.8	0.8	8	0.3	1.2	0.2	36	0.06	0.091
42650N 93725E	Soil		9.0	100.1	25.5	169	0.4	25.2	23.6	2421	4.36	72.4	0.9	4.2	0.9	82	1.4	2.2	0.5	42	0.97	0.203
42650N 93750E	Soil		2.6	15.8	8.1	58	0.1	5.3	3.2	180	1.69	22.4	0.2	3.0	0.3	24	0.3	0.4	0.2	36	0.30	0.120
42650N 93775E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93800E	Soil		1.9	17.3	5.4	19	0.1	2.1	1.3	89	1.24	19.5	0.3	3.4	0.1	19	0.3	0.2	0.2	23	0.13	0.128
42650N 93825E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93850E	Soil		2.7	28.9	14.1	95	0.1	11.0	7.7	323	4.94	49.9	0.4	2.0	0.4	37	0.5	0.9	0.4	47	0.36	0.142
42650N 93875E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93900E	Soil		4.1	32.7	31.1	105	<0.1	9.3	24.3	1091	3.18	79.3	0.4	4.5	<0.1	67	0.5	1.6	0.6	36	0.84	0.204
42650N 93925E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93950E	Soil		2.9	37.9	11.5	102	<0.1	12.8	10.0	386	4.34	339.2	0.5	1.9	0.4	40	0.4	1.2	0.2	47	0.51	0.077
42650N 93975E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94000E	Soil		1.4	16.5	11.7	81	0.2	7.4	5.6	562	1.80	34.0	0.5	2.3	0.3	42	0.5	0.7	0.2	21	0.53	0.108
42650N 94025E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94050E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94075E	Soil		5.5	27.5	211.2	323	0.5	14.1	17.2	848	3.64	287.9	6.6	<0.5	1.0	66	1.2	1.9	0.3	44	0.74	0.157
42650N 94100E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94125E	Soil		3.8	27.5	13.2	61	0.1	6.4	5.2	368	6.02	46.3	0.4	<0.5	0.3	16	0.5	0.9	0.3	62	0.06	0.187
42650N 94150E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94175E	Soil		2.4	26.5	9.2	58	0.4	4.7	4.4	401	2.50	77.7	0.4	<0.5	0.1	12	0.5	1.0	0.3	44	0.08	0.182
42650N 94200E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94225E	Soil		3.7	33.6	14.6	162	0.4	7.0	12.3	1223	3.33	392.5	4.5	<0.5	0.6	113	1.5	1.2	0.3	32	1.27	0.332

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Project: Sidina
Report Date: September 29, 2009

CERTIFICATE OF ANALYSIS SMI09000250.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	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
42650N 93500E	Soil	7	11	0.29	61	0.003	<1	1.88	0.008	0.04	0.2	0.05	2.7	<0.1	0.07	8	<0.5
42650N 93525E	Soil	5	5	0.08	53	0.002	<1	0.95	0.009	0.04	0.4	0.04	0.9	<0.1	0.10	6	<0.5
42650N 93550E	Soil	9	14	0.18	84	0.005	1	2.03	0.010	0.04	0.9	0.09	2.5	<0.1	0.07	7	<0.5
42650N 93575E	Soil	4	8	0.12	77	0.005	2	1.24	0.006	0.06	0.9	0.15	0.6	<0.1	0.13	5	0.8
42650N 93600E	Soil	6	14	0.25	53	0.004	2	3.56	0.007	0.03	0.5	0.15	4.2	<0.1	<0.05	5	1.1
42650N 93625E	Soil	6	8	0.13	42	0.004	<1	1.25	0.008	0.03	0.1	0.05	2.0	<0.1	<0.05	8	<0.5
42650N 93650E	Soil	6	14	0.47	88	0.001	<1	2.58	0.009	0.03	0.1	0.04	3.8	<0.1	<0.05	7	0.6
42650N 93675E	Soil	5	11	0.26	106	0.004	<1	2.05	0.010	0.03	<0.1	0.04	2.1	<0.1	<0.05	7	<0.5
42650N 93700E	Soil	5	12	0.37	79	0.001	<1	3.15	0.009	0.03	<0.1	0.08	3.8	<0.1	<0.05	5	1.2
42650N 93725E	Soil	9	31	0.40	272	0.002	2	3.11	0.020	0.08	0.2	0.08	8.7	0.1	0.07	7	1.1
42650N 93750E	Soil	6	8	0.15	94	0.003	2	1.57	0.012	0.03	0.1	0.04	1.9	<0.1	<0.05	8	<0.5
42650N 93775E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93800E	Soil	5	5	0.05	49	0.002	<1	1.38	0.008	0.03	0.1	0.04	0.6	0.1	<0.05	5	<0.5
42650N 93825E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93850E	Soil	7	14	0.29	80	0.005	<1	2.09	0.011	0.03	0.2	0.04	2.3	<0.1	<0.05	10	0.6
42650N 93875E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93900E	Soil	5	10	0.21	116	0.021	2	1.71	0.011	0.07	0.3	0.03	1.2	<0.1	0.13	7	0.6
42650N 93925E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 93950E	Soil	6	13	0.38	77	0.002	1	2.21	0.012	0.03	0.2	0.04	3.0	<0.1	<0.05	8	1.0
42650N 93975E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94000E	Soil	6	8	0.25	52	0.003	2	1.29	0.007	0.03	<0.1	0.03	2.1	<0.1	0.12	4	0.8
42650N 94025E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94050E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94075E	Soil	11	17	0.45	83	0.004	3	2.27	0.014	0.05	0.2	0.06	6.0	<0.1	0.07	7	1.7
42650N 94100E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94125E	Soil	4	12	0.17	80	0.003	<1	1.48	0.011	0.05	0.2	0.05	2.3	<0.1	<0.05	8	0.7
42650N 94150E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94175E	Soil	6	9	0.10	73	0.004	<1	1.12	0.011	0.06	0.1	0.04	1.0	<0.1	<0.05	7	<0.5
42650N 94200E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
42650N 94225E	Soil	8	13	0.21	70	0.005	<1	1.69	0.012	0.06	0.1	0.04	4.9	<0.1	0.13	5	1.1

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CERTIFICATE OF ANALYSIS SMI09000250.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
42650N 94250E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	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
42650N 94250E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.