

BC Geological Survey
Assessment Report
30900

TECHNICAL REPORT

PITMAN-BORDEN PROPERTIES

SKEENA RIVER AREA
OMINECA MINING DIVISION
NORTHWESTERN BRITISH COLUMBIA

NTS 103I/06 & 103I/09
UTM (NAD 83, Zone 9) - 540,724E 6,067,689N

Latitude: 54° 45' 17" North
Longitude: 128° 22' 01" West

Event No. 4355512, 4245802 and 4263938

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Date of Report:

October 20, 2009
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Rock Sample from Womo



CASA MINERALS INC.

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TABLE 1: Mineral Tenure4



0.0 SUMMARY

The Pitman-Borden property, located north and northeast of Terrace, B. C., comprises forty-one mineral tenures with total area 16,823.55 hectares. Tenures are owned by, or are held in trust for, Casa Minerals Inc., a junior mineral exploration company.

The Pitman-Borden tenures include several historic molybdenum and gold prospects that have been explored by drilling and, in some case, underground development. Other prospects have not been advanced beyond the earliest stages of trenching or technical surveys. Important factors that contribute to renewed interest in the Pitman-Borden area include an expanded geological database due to work by provincial scientists, and recently announced exploration success at the Zymo copper-gold porphyry property located east of Borden Glacier.

Casa Minerals Inc. in 2008 conducted field work on most parts of the Pitman-Borden property. That work included magnetometer surveys and MMI soil sampling. Data from 850 MMI soil samples has been received and approximately 450 additional samples will be analysed when funds are available. The company's work is still in very early stages but further examination of the MMI and geophysical data will enable work in the future to be directed specifically to areas with elevated metals-in-soils.

A program of work designed to evaluate all of the Pitman-Borden tenures is presented in this report.

1.0 INTRODUCTION

1.1 Introduction

The Pitman-Borden mineral tenures, located north, northeast and east of Terrace in the Omineca Mining Division, British Columbia, Canada, are owned by Casa Minerals Inc. Farshad Shirvani, and DeCoors Mining. Casa is a Vancouver-based mineral exploration company and Shirvani and DeCoors hold tenures in trust for Casa. The tenures cover several areas of historic prospecting interest, including the Pitman and WoMo molybdenite prospects and the Gold Dome, Lynda and Lindy base metal and gold sites. Casa Minerals Inc. has completed a program of research and field work in order to better define the mineral potential of the property.

This report comprises a review of district geology, mineral exploration history, and detailed drawings to illustrate layouts of Mobile Metal Ion geochemical surveys. Magnetic data were recorded for two grids, Pitman and Keap. Information has been integrated in order to plan further property work that will help determine the technical merits of the various mineral zones and may lead to discovery of additional prospective areas.

The report will be submitted in support of a listing application to allow the company's shares to be listed on a national stock exchange and will support financing initiatives intended to provide funds to be used for furthering exploration work on the subject properties. Much of the data included in this report will be included in a separate report that will be submitted to the Ministry of Energy, Mines and Petroleum Resources in support of Statements of Work that will extend the expiry dates of the mineral tenures.

1.2 Reliance on other Experts

The authors of this report have reviewed and incorporated data from several sources, including publications of the British Columbia Department of Energy, Mines and Petroleum Resources, Geological Survey of Canada, technical textbooks, corporate websites, assessment reports, and information arising from the work in recent years by Casa Minerals Inc. Where appropriate, acknowledgement of sources is included in the text.

Garry Payie, P. Geo., the senior author of this report is a geoscientist formerly employed by the Geological Survey Branch of the British Columbia Ministry of Energy and Mines. He is familiar with the geology and mineral deposits of the province and has had personal experience working with other geoscientists, both in government and in industry. In advance of the preparation of this report, the senior author visited the property from September 26 to 28, 2007. At this time he examined rocks near Borden glacier, accessed via helicopter, and also visited the Pitman areas via its network of roads. From July 30 to 31, 2008 the senior author visited the Clore Creek and Pitman areas to further inspect the property geology. He also obtained data from the client and from MINFILE and other geoscience databases.

Erik Ostensoe, P. Geo., assisted the senior writer in preparation of the text and offered input based on his work on both the Pitman and Borden parts of Casa's property. He examined parts of the Borden glacier area tenures during July, 2008 and the Pitman area during early October, 2008. Mr. Ostensoe is a director of Casa Minerals Inc.

Terracad Geoscience Services Ltd., (formerly Terracad GIS Services Ltd.) of Vancouver, B. C., in 2007 generated imagery from earth satellite databases and provided photogrammetric structural and spectral analyses which were included in a report of assessment work (ARIS #29151). In 2008 and 2009 Terracad generated drawings to illustrate historic bedrock and geochemical sampling and prepared plots of MMI and



magnetic survey data to illustrate the distribution of metal factors and magnetic intensity. Software programs used in that work included: AutoCAD, Map Info, MICRODEM, ArcGIS and Global Mapper. Terracad Geoscience provides GIS and other technical support services to the mineral exploration industry and is owned by Farshad Shirvani, president of Casa Minerals Inc.

Work in the Skeena River area by Casa Minerals Inc. benefited from advice from, and discussions with, J. Nelson, PhD., P.Geol., a senior scientist of the B. C. Ministry of Energy, Mines and Petroleum Resources, who visited crews in the field and shared her abundant knowledge of the tectonics and geologic history of the area.

Geotronics Consulting Inc. provided a field crew that laid out grids, took MMI soil samples and, in some areas, conducted magnetic surveys.

1.3 Property Description and Location

The Pitman property and the related Borden property of Casa Minerals Inc. are located from 20 to 40 km northeast and north of Terrace, British Columbia, Canada, in the Skeena Mountains of the Coast Crystalline Complex (Figures 1-1, 1-2). The mineral tenures extend from south of Zymoetz River in the south, north northwesterly across the Skeena River to Doreen flag stop on the CNR (Figures 2) and comprise thirty-nine tenures as listed in Table 1. Total area is 16,823.55 hectares.

Mineral titles are held as to 100% by Farshad Shirvani and DeCoors Mining Corp. in trust for Casa Minerals Inc., and by Casa Minerals Inc. and may be maintained for an indefinite period provided only that assessment work (aka "annual labour") is filed, along with appropriate fees, in a timely fashion. Tenures bear a burden of expenditures of \$4.00 per hectare per year during the initial three year period and \$8.00 per hectare per year thereafter. In the case of the Pitman-Borden mineral tenures, the annual work requirement in the initial three years is approximately \$69,679; thereafter the annual work requirement will be approximately \$139,358. If qualifying expenditures are insufficient, tenures may be maintained by payment of cash in lieu of work.

Tenures specifically grant access to minerals and other natural values but do not include ownership rights to surface, land, water or forests. Extraction of minerals, et al., other than for quality testing purposes, is governed by permits issued by the Ministry of Energy, Mines and Petroleum Resources. Consultation with First Nations is a prerequisite to permit applications.

1.4 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Pitman-Borden tenures extend in elevation from Skeena River (elevation 120 m) to high alpine terrain: highest points are in excess of 2500 m. The Pitman tenures located west of the Skeena River are characterized by rugged heavily forested slopes that rise steeply from the river. A legacy of logging roads suitable for use by four-wheel drive equipped vehicles provides access to most of the Pitman tenures situated west of the river but helicopter deployment is essential for positioning field crews at work sites or campsites at WoMo and other higher elevation locations,. Parts of the Borden area tenures located east of the river are wholly above treeline, are without overland access and are best approached by helicopter. In addition to the above-cited Pitman and Borden areas, the mineral tenures extend irregularly south to south of Zymoetz River. Logging roads that lead easterly from Highway 16 provide access to several of the tenures, notably via Zymoetz River, aka "Copper River", Kleanza Creek and Legate Creek.

The whole Skeena district lies within the Coast Mountains and is subject to West Coast Marine climate conditions: summers are pleasantly warm, with moderate rainfall, winters are gloomy and have heavy snow and



rainfall. Winter field work is severely hampered by inclement weather that interferes with helicopter supported operations: ground-based winter operations have to be equipped to manage snow accumulations. Annual precipitation recorded at Terrace, 27 km southwest of the main Pitman area, is 129.5 cm. but the mountains undoubtedly receive greater amounts of both rainfall and snowfall.

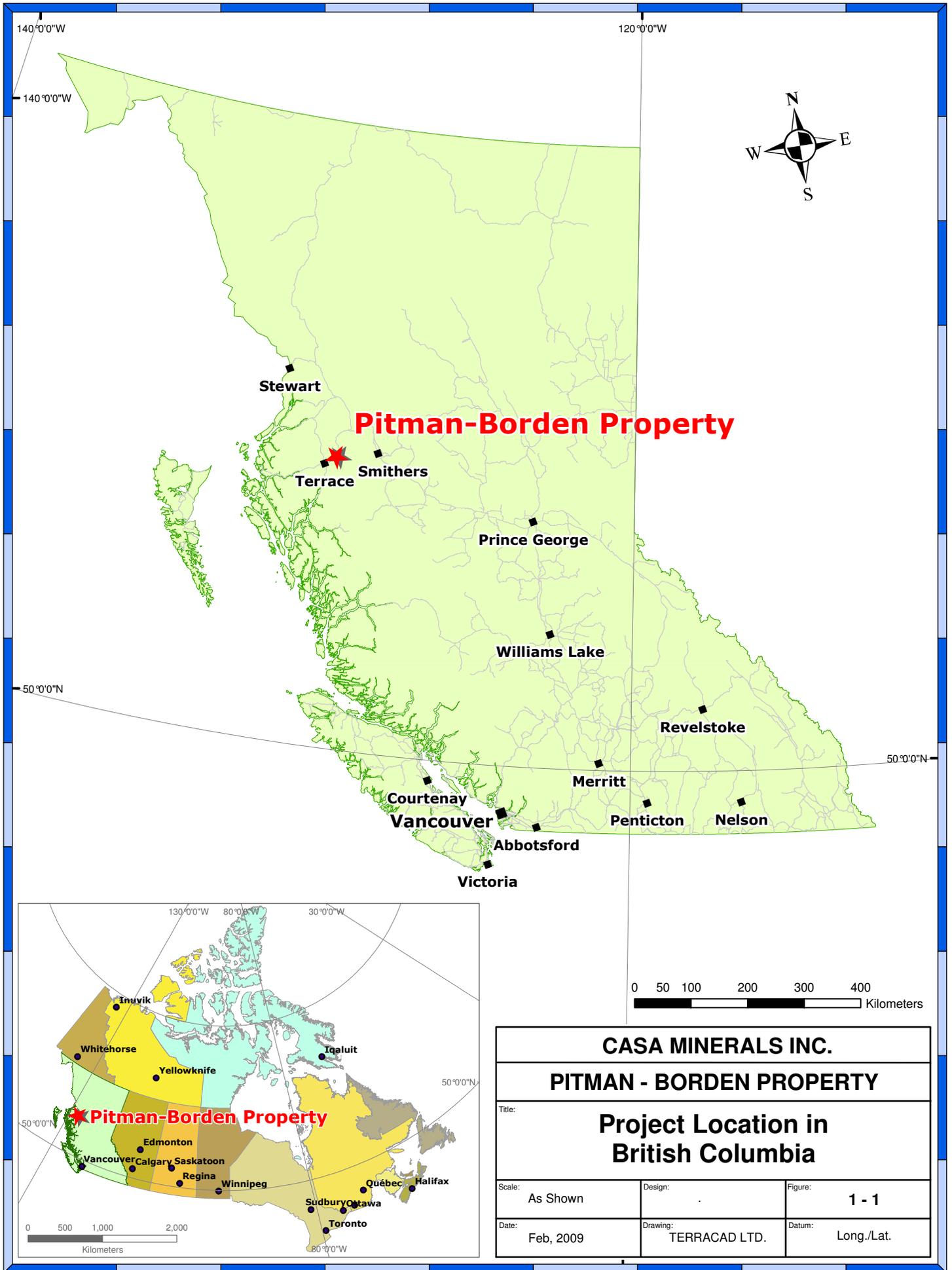
Terrace, B. C., population 11,320, is a reliable source of equipment, personnel and expediting services required by mineral explorers. A full service airport has daily connections to neighboring towns (Smithers, Prince Rupert) and to Vancouver. Other factors of importance to miners, including hydro-electric power, a water supply, good roads and family support concerns such as schools and hospitals, are also present.

The Pitman area is in the Nass Range of the Coast Mountains physiographic province of the Canadian Cordillera and the Borden area is characterized as part of the Bulkley Range (Bostock, 1948). Both areas lie immediately east of the main Coast Intrusions and have similar rugged topography governed by small, high energy streams that are incised into the terrain. Slopes above the treeline are gentler with a few prominent, sharply sculpted *arrêts* that escaped glaciation. North-facing slopes in the Borden area support remnants of once-active glaciers and east slopes descend into timbered slopes that are more characteristic of the Interior Plateau than of the Coast Mountains.

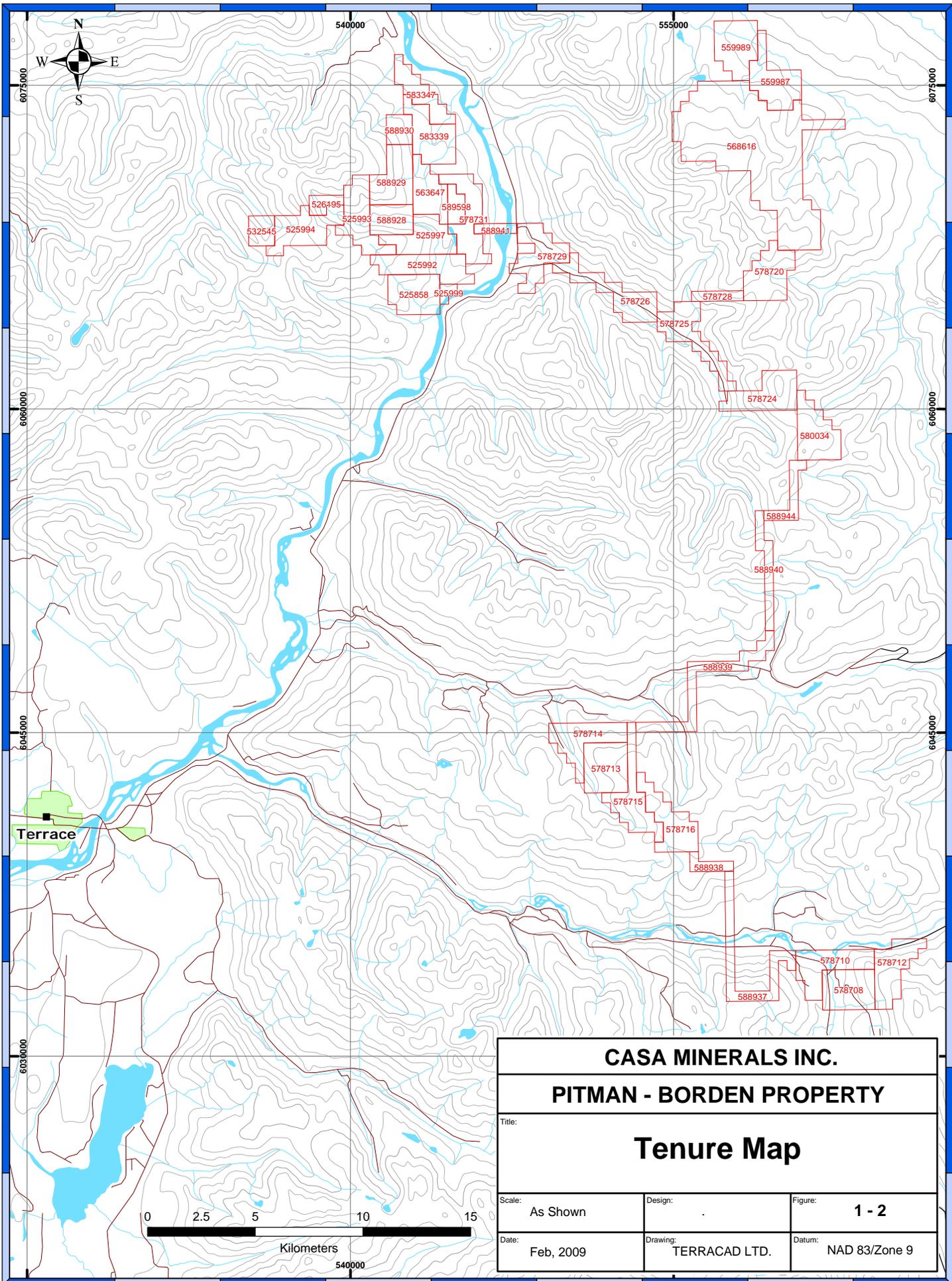
TABLE 1: Mineral Tenure

Tenure No	Claim Name	Reg'd Owner	Hectares	Good to Date
525858	PITMAN MOLY RESOURCES	Farshad Shirvani	429.54	Sep. 01, 2010
525992	ACCESS	Farshad Shirvani	466.76	Sep. 01, 2010
525993	WOMO MOLY SHOWING	Farshad Shirvani	466.56	Sep. 01, 2010
525994	LYNDA	Farshad Shirvani	466.61	Sep. 01, 2010
525997	2ND ACCESS	Farshad Shirvani	429.31	Sep. 01, 2010
525999	TRAIN STATION	Farshad Shirvani	56.03	Sep. 01, 2010
526195	SHOWING	Farshad Shirvani	111.96	Sep. 01, 2010
532545	PITMAN EXTENTION	Farshad Shirvani	167.99	Sep. 01, 2010
559987	SKEENA ARCH A	DeCoors M.C.	465.88	Sep. 01, 2010
559989	SKEENA ARCH F	DeCoors M.C.	465.72	Sep. 01, 2010
563647	THE LION	Farshad Shirvani	354.48	Sep. 01, 2010
568616	BORDEN ULTIMATUM	DeCoors M.C.	2,927.82	Sep. 01, 2010
578708	CLORE CREEK 1	DeCoors M.C.	451.37	Sep. 01, 2010
578710	CLORE CREEK 2	DeCoors M.C.	470.06	Sep. 01, 2010
578712	CLORE CREEK 3	DeCoors M.C.	451.29	Sep. 01, 2010
578713	KEAPER 1	DeCoors M.C.	469.13	Sep. 01, 2010
578714	KEAPER 2	DeCoors M.C.	469.00	Sep. 01, 2010
578715	KEAPER 3	DeCoors M.C.	469.28	Sep. 01, 2010
578716	KEAPER 4	DeCoors M.C.	469.39	Sep. 01, 2010
578720	SIR ROBERT SOUTH	DeCoors M.C.	466.80	Sep. 01, 2010
578724	LEGATE CREEK 1	DeCoors M.C.	467.36	Sep. 01, 2010

578725	LEGATE 2	DeCoors M.C.	467.08	Sep. 01, 2010
578726	LEGATE 3	DeCoors M.C.	466.85	Sep. 01, 2010
578728	SNAGGED	DeCoors M.C.	112.05	Sep. 01, 2010
578729	LEGATE 4	DeCoors M.C.	466.69	Sep. 01, 2010
578731	WEST PIT	DeCoors M.C.	466.54	Sep. 01, 2010
580034	KEG 1	DeCoors M.C.	467.55	Sep. 01, 2010
583339	WOMO EAST	DeCoors M.C.	466.15	Sep. 01, 2010
583347	TIP TOP	DeCoors M.C.	316.85	Sep. 01, 2010
588928	WOMO NORTH	Farshad Shirvani	279.94	Sep. 01, 2010
588929	WOMO NORTH 2	Casa Minerals Inc.	447.72	Sep. 01, 2010
588930	WOMO NORTH 1	Casa Minerals Inc.	167.81	Sep. 01, 2010
588937	CLORE CONNECTER	Casa Minerals Inc.	470.01	Sep. 01, 2010
588938	CC 2	Casa Minerals Inc.	112.70	Sep. 01, 2010
588939	KLEANZA CONECTER	Casa Minerals Inc.	468.75	Sep. 01, 2010
588940	KC 2	Casa Minerals Inc.	243.46	Sep. 01, 2010
588941	SKENA CONECTER	Casa Minerals Inc.	93.32	Sep. 01, 2010
588944	KC 3	Casa Minerals Inc.	187.14	Sep. 01, 2010
589598	WO EA	Casa Minerals Inc.	130.62	Sep. 01, 2010
Total:			16,823.55	



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Project Location in British Columbia		
Scale: As Shown	Design: -	Figure: 1 - 1
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: Long./Lat.



CASA MINERALS INC.
PITMAN - BORDEN PROPERTY

Title:
Tenure Map

Scale: As Shown	Design: .	Figure: 1 - 2
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

1.5 History

The earliest records of mineral exploration in the Terrace area are found in reports of the Provincial Mineralogist in 1884 who was aware of gold-seekers at work on the Skeena River and some of its tributaries. Several streams yielded small quantities of fine gold and some were sufficiently "rich" to encourage mining by simple mechanized methods. Rewards were consistently erratic and were frequently disrupted by floods that damaged the workings. Prospectors have been at all times active in the area, searching for bedrock gold sources and for base metal occurrences.

The Pitman site was recognized as a molybdenite occurrence in 1957 by Joe Bell, a Terrace area trapper and prospector who staked the O'Molly 1 - 6 inclusive claims and attracted the interest of Heustis Molybdenum Corporation. Figure 1-3 illustrates the locations of historic drill holes that have been directed to the Pitman prospect and Figures 1-4 and 1-5 are vertical assay sections

Heustis Molybdenum Corporation in 1958 conducted geological mapping, trenching and a small amount of x-ray-size diamond drilling work. Records show that Heustis defined two areas of molybdenum mineralization: the upper area reportedly included a 54 foot wide zone that averaged 0.47% MoS₂; the lower area was entirely in an aplite formation and averaged 0.10% MoS₂ with no width recorded (Kruckowski, 1980, p. 6). Canex Aerial Exploration in 1964 conducted geological mapping and geochemical sampling and drilled six holes with total length 1621 feet (494 metres) and in 1965, collected soil samples and drilled a further 1939 feet (591 metres) in four holes.

The following historic information is believed to have originated in a 1965 project report authored by W. D. T(h)ompson (sic) and is abstracted verbatim from an assessment report prepared in 1980 for E & B Explorations Ltd. that pre-dates adoption of National Instrument 43-101: the data should not be relied upon as the sole reference in any evaluation of the Pitman part of the Casa Minerals Inc. property. Although not specified in the source report, it appears from context that assay averages are measuring MoS₂ not Mo. Intervals are reported in feet not metres. The terms "indicated reserves" and "geologic reserves" are not compatible with NI 43-101 definitions and no longer have validity in technical reports.

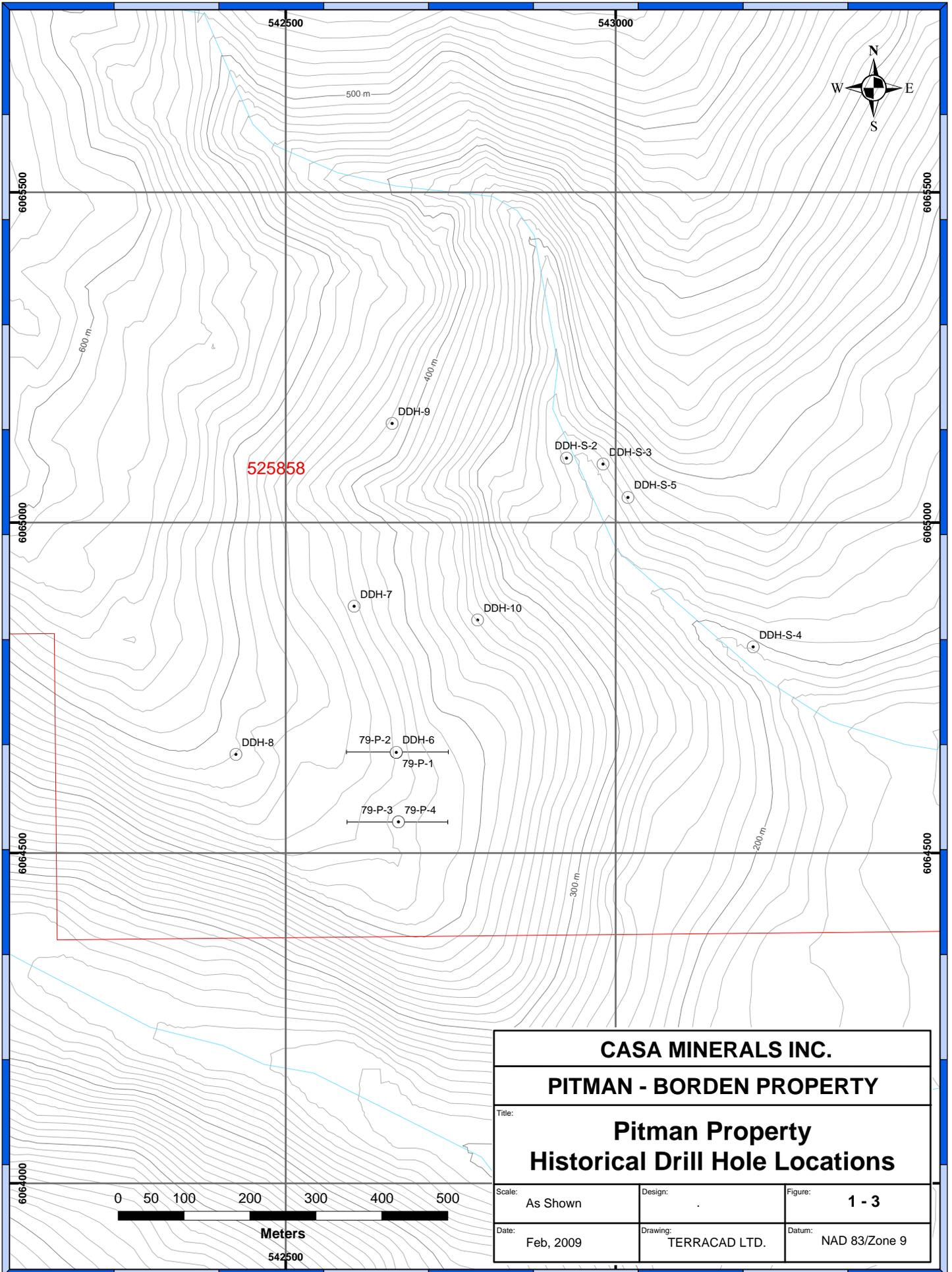
"Drill Hole No.	Footage	Interval(ft)	Average Assay
No. 6	160 - 220	60	0.196%
	160 - 300	180	0.12 %
No. 7	290 - 320	30	0.123%
No. 8	290 - 330	40	0.122%
	400 - 420	20	0.135%
No. 9	60 - 70	10	0.08 %
No. 10	70 - 100	30	0.096%.

On the basis of their drilling Canex estimated total indicated reserves of approximately 2.5 million tons grading 0.14 percent molybdenite; geologic reserves totaling about 1.2 million tons grading 0.14 percent molybdenite"

(Kruckowski, 1980, p. 7, ARIS report #7993).

[The foregoing figures are not NI 43-101 compliant and should not be relied upon exclusively in any evaluation of the Pitman property]

E & B Explorations Ltd. in 1980 drilled four inclined holes with total length 615.1 metres to test "...depth and lateral continuity of MoS₂ mineralization intersected in the 1965 Canex No. 6 diamond drill hole.....and the relationship of MoS₂ mineralization to flat lying intrusive dykes" (Kruckowski, op cit. p.1). The E & B report includes a discussion of the regional and local geology and complete and detailed drill core logs and assay certificates. The author noted that the "best section" encountered was from 138 to 144 metres in DH 79P-1, being 6 metres of 0.119 percent MoS₂, and that "The MoS₂ content appears to increase with depth in all the holes" (Kruckowski, op cit. p. 1). The report recommended drilling two 700 metre long holes to "...check for mineralization at depth and provide a better understanding of the geology" (op cit. p. 2).



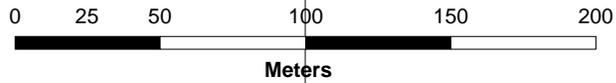
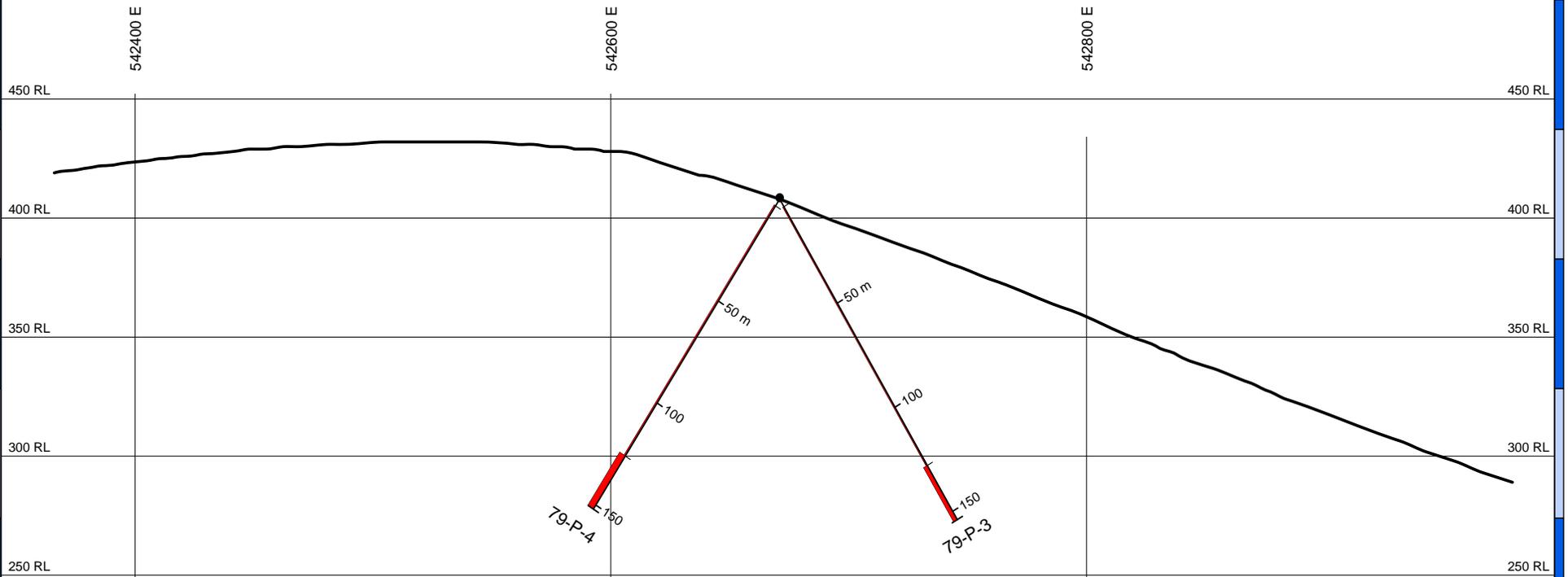
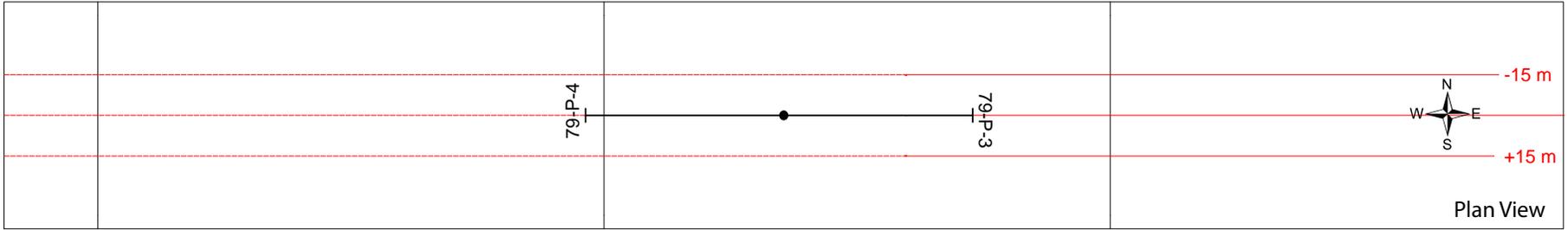
525858

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Pitman Property Historical Drill Hole Locations		
Scale:	Design:	Figure:
As Shown	.	1 - 3
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9

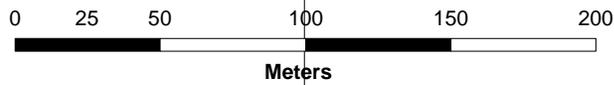
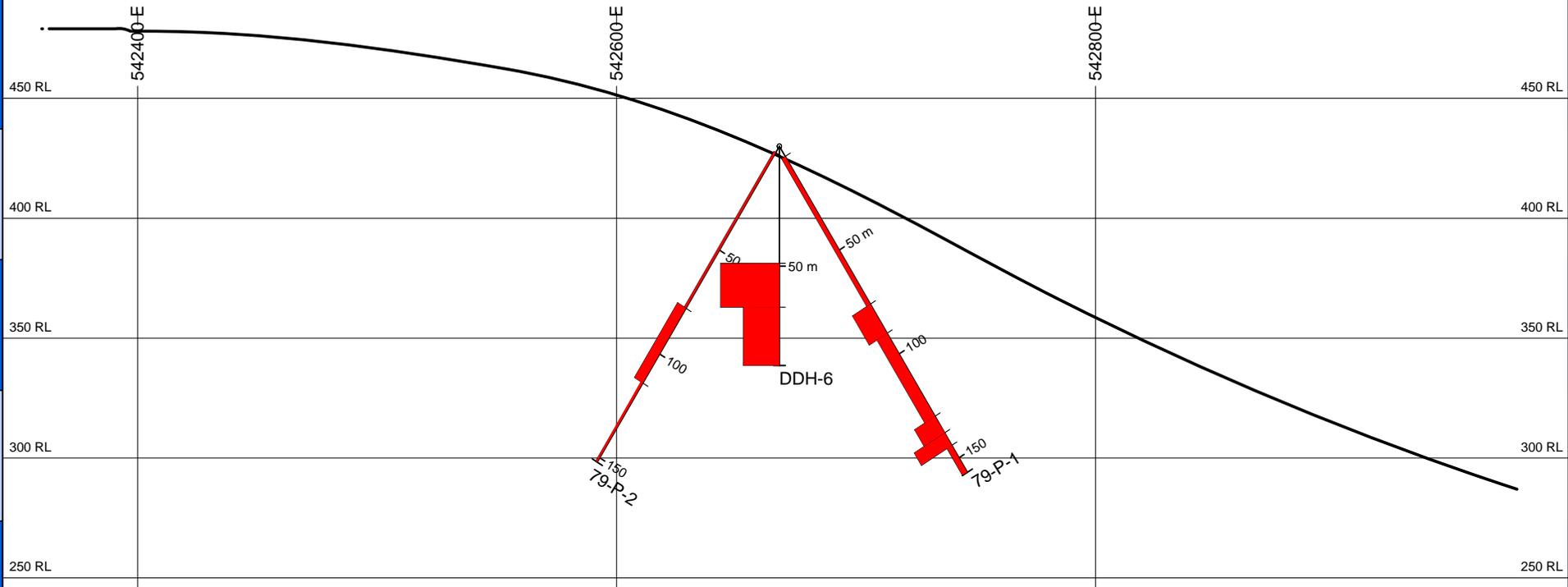
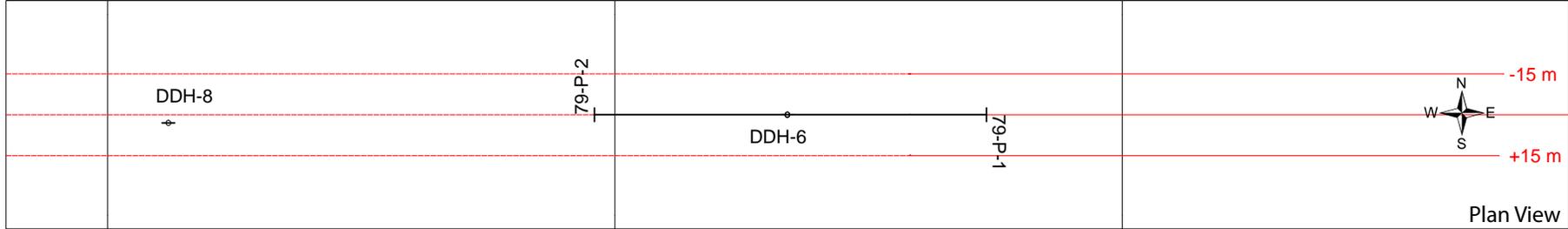
0 50 100 200 300 400 500

Meters

542500



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman Property		
Section A - A' 6064550N		
Assay Section - MoS2		
Scale: As Shown	Design: .	Figure: 1 - 4
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman Property Section B - B' 6064650N Assay Section - MoS2		
Scale: As Shown	Design: .	Figure: 1 - 5
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

2.0 GEOLOGICAL SETTING

2.1 Introduction

The geology of the general Terrace and Skeena River areas has been mapped by officers of both the Geological Survey of Canada, particularly S. Duffell and J. G. Souther in 1953 - 1955, and G. Woodsworth, et al., in 1985, and the British Columbia Ministry of Energy, Mines and Petroleum Resources in 2006 to the present (Figure 2-1). Mineral resources in the mid-1930s were studied and reported by E. D. Kindle of the GSC (Kindle, 1937a, b). Other studies have been conducted by mining companies and prospectors. The rugged terrain demands strenuous efforts on the ground and helicopter support to gain access to upper slopes is essential. Casa Minerals Inc., in addition to ground based surveys, has used satellite imagery and computer methods to investigate gross geologic features.

2.2 Regional Geology

Duffell and Souther (1964) established the regional geologic framework of the Terrace area. Their pioneering work suffered from a lack of knowledge of the geologic history of the area, in particular they gathered some of the first fossil collections to help clarify geologic successions. Their work highlighted the presence of sedimentary and volcanic rocks of late Paleozoic to late Mesozoic age and the complex configuration of the contacts of the dominant Coast Intrusions and related smaller equivalent bodies. Recent focused studies by British Columbia Geological Survey Branch scientists benefited from the work of Duffell and Souther and the more recent efforts of Woodsworth and they have been fortunate to be able to collaboratively extend information from the Interior Plateau physiographic province into the mountains. Figures 2-1, Geology Map and 2-1-Legend, of this report were copied in their entirety from a 2007 report of regional mapping conducted in 2006 by J. Nelson, et al. (Nelson and Kennedy, 2007, p. 151). This represents the first detailed geologic synthesis of the area that lies south of the Bowser Basin (the Lower Cretaceous age units) and straddles the Skeena River fault zone. Also shown to the west are the Kitsumkalum graben structure, the Kleanza pluton of Early Jurassic age and the Carpenter Creek and Newtown plutons of Eocene age, and numerous fractures that create the mosaic pattern exhibited by the bedded units. Small red coloured triangles and crossed tool symbols on Figure 2-2 show an abundance of mineral showings and mines, of which only a small number have actually achieved production.

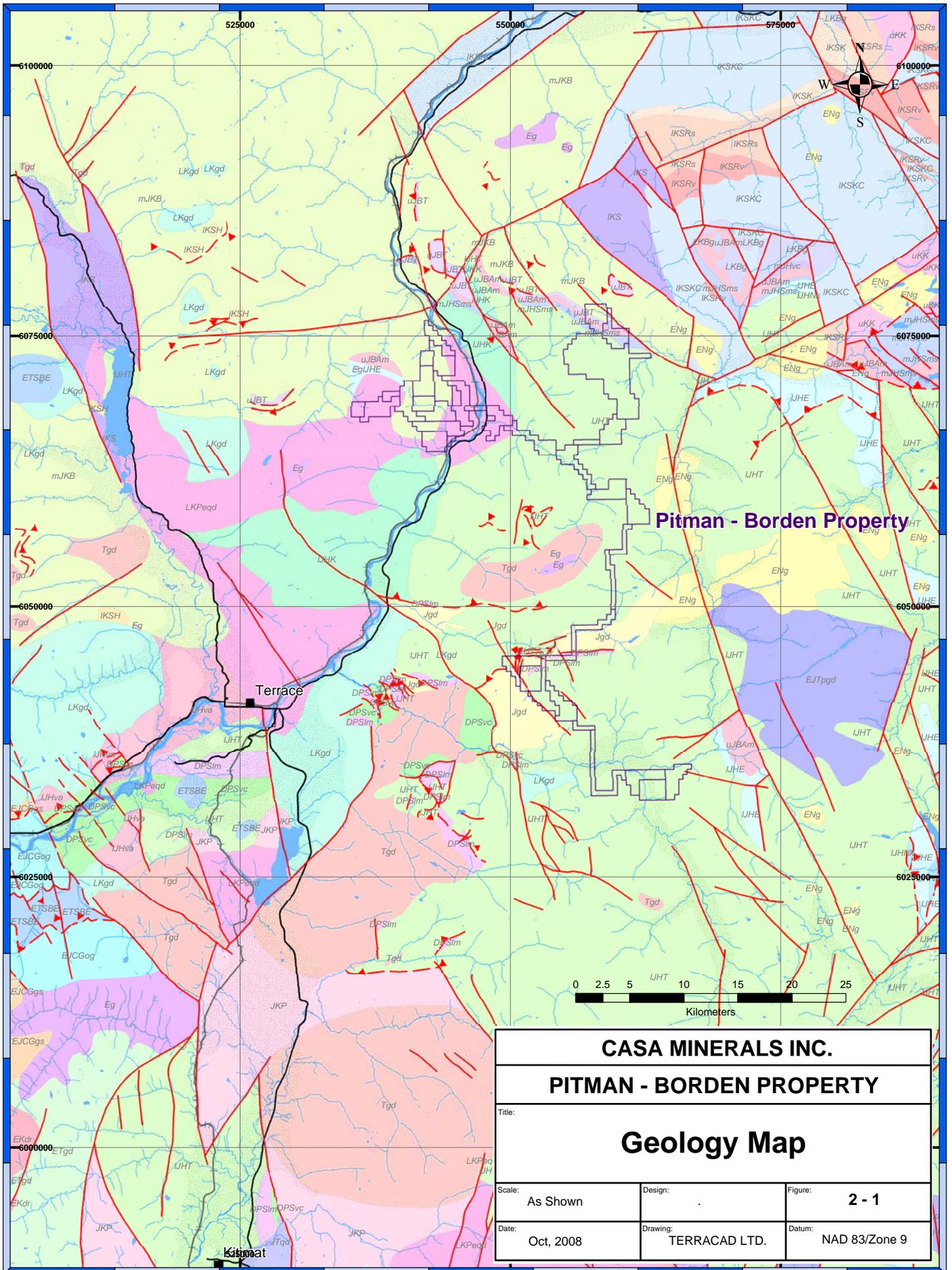
The regional tectonic framework reflects the transition from the massive uplift event that emplaced the Coast Intrusions in the west to the more passive sedimentary-volcanic terrain of the western Interior Plateau. Additionally, the epirogenic subsidence of the Bowser Basin is witnessed by low angle normal fault(s) that are traced along the north edge of Figure 2-1. The Skeena River fault zone is interpreted as a north-northeast thrust with at least 3500 metres stratigraphic throw (Nelson, et al., 2007, p. 155). Significantly, Nelson, et al. do not discuss in any detail the so-called Skeena Arch, formerly defined as a northeast uplift accompanied by relatively small plutons, collectively referred to as the Skeena Intrusions, and it is not apparent if that concept has been abandoned or superceded by recent studies.

Apart from the Early Jurassic Kleanza pluton and the post-kinematic (Nelson's term) Carpenter Creek and Newtown Creek plutons of Eocene age, the region of the Pitman-Borden mineral tenures is underlain by Telkwa Formation (Lower Jurassic age, principally flows and tuffs) and Smithers Formation (Lower-Middle Jurassic, mostly sandstone) of the Hazelton Group bedded rocks that pass upward into the Bowser Lake clastic formation with arkose, sandstone, mudstone and similar units. The Telkwa and equivalent formations elsewhere in the



Cordillera are host to many of the province's most important mineral deposits, including the majority of the porphyry-style copper and copper-molybdenum deposits.

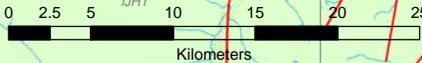




Pitman - Borden Property

Terrace

Kitimat



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Geology Map		
Scale:	Design:	Figure:
As Shown	.	2 - 1
Date:	Drawing:	Datum:
Oct, 2008	TERRACAD LTD.	NAD 83/Zone 9

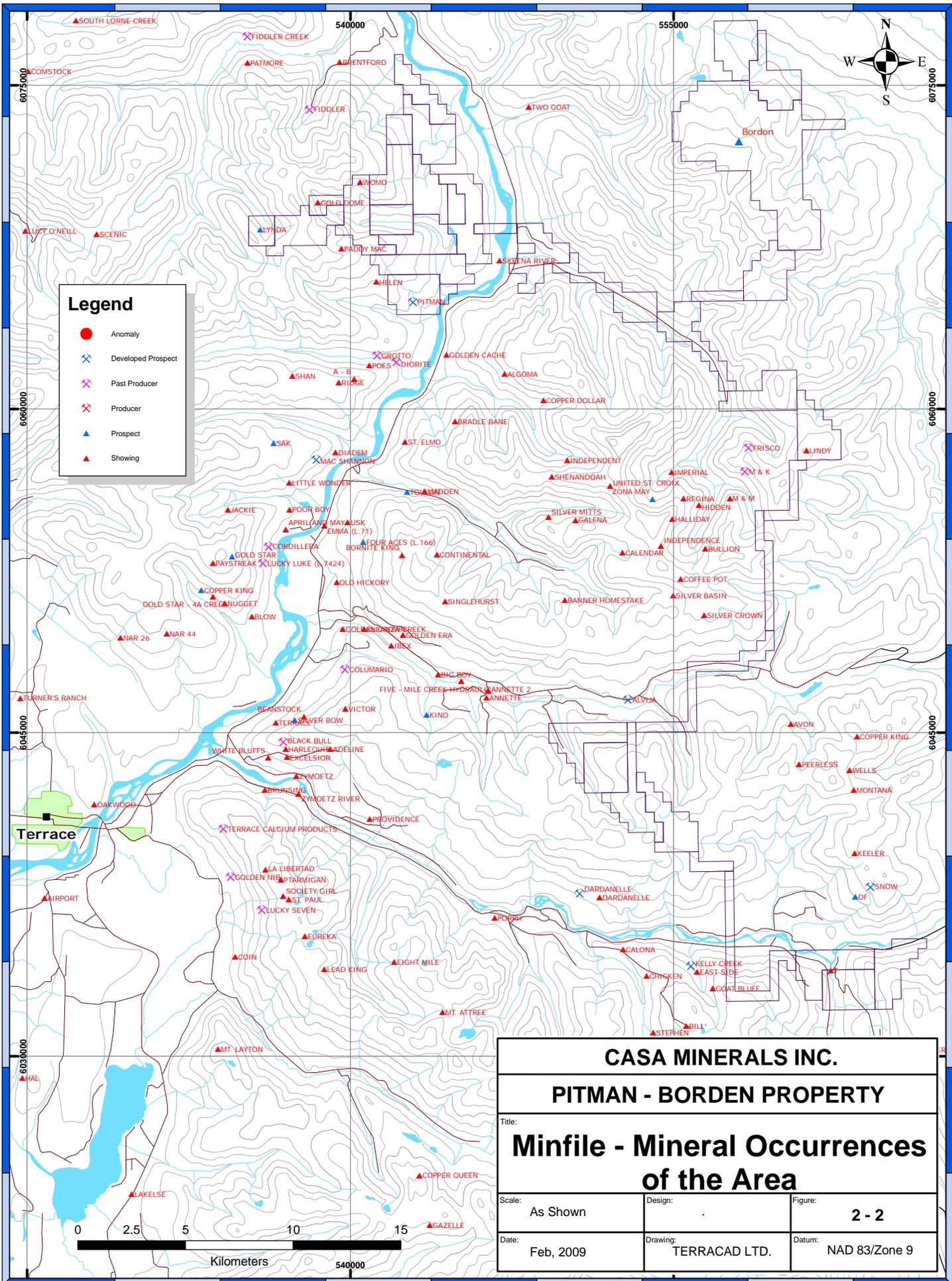
Legend

- Communities
- Claim Boundary
- Fault
- - Normal Fault
- ▲ Thrust
- ▨ Quaternary Unit

UNIT

- DPSIm - Paleozoic - Stikine Assemblage limestone, marble, calcareous sedimentary rocks
- DPSvc - Paleozoic - Stikine Assemblage volcaniclastic rocks
- EJCggs - Mesozoic - Central Gneiss Complex greenstone, greenschist metamorphic rocks
- EJCgog - Mesozoic - Central Gneiss Complex orthogneiss metamorphic rocks
- EJTpzd - Mesozoic - Topley Plutonic Suite granodioritic intrusive rocks
- EKdr - Mesozoic - Unnamed dioritic intrusive rocks
- ENg - Cenozoic - Nanika Plutonic Suite intrusive rocks, undivided
- ETSBE - Cenozoic - Strohn Creek, Mt Bolom and Ear Lake Plutons granite, alkali feldspar granite intrusive rocks
- ETgd - Cenozoic - Unnamed granodioritic intrusive rocks
- Eg - Cenozoic - Coast Plutonic Complex(?) intrusive rocks, undivided
- JKP - Mesozoic - Poison Pluton quartz dioritic intrusive rocks
- JTqd - Mesozoic to Cenozoic - Unnamed quartz dioritic intrusive rocks
- Jgd - Mesozoic - Unnamed granodioritic intrusive rocks
- LKBg - Mesozoic - Bulkeley Plutonic Suite intrusive rocks, undivided
- LKPeqd - Mesozoic to Cenozoic - Unnamed quartz dioritic intrusive rocks
- LKgd - Mesozoic - Unnamed granodioritic intrusive rocks
- Tgd - Cenozoic - Unnamed granodioritic intrusive rocks
- IJHE - Mesozoic - Hazelton Group - Eagle Peak Formation volcaniclastic rocks
- IJHK - Mesozoic - Hazelton Group - Kistelas Volcanics rhyolite, felsic volcanic rocks
- IJHNk - Mesozoic - Hazelton Group - Nilkitwa Formation undivided sedimentary rocks
- IJHT - Mesozoic - Hazelton Group - Telkwa Formation calc-alkaline volcanic rocks
- IJHva - Mesozoic - Hazelton Group andesitic volcanic rocks
- IKS - Mesozoic - Skeena Group undivided sedimentary rocks
- IKSH - Mesozoic - Skeena Group - Hanawald Conglomerate conglomerate, coarse clastic sedimentary rocks
- IKSK - Mesozoic - Skeena Group - Kitsumkalum Shale mudstone, siltstone, shale fine clastic sedimentary rocks
- IKSKC - Mesozoic - Skeena Group - Kitsuns Creek Formation coarse clastic sedimentary rocks
- IKSRs - Mesozoic - Skeena Group - Red Rose Formation coarse clastic sedimentary rocks
- IKSRv - Mesozoic - Skeena Group - Rocky Ridge Formation alkaline volcanic rocks
- mJHSms - Mesozoic - Hazelton Group - Smithers Formation undivided sedimentary rocks
- mJHvc - Mesozoic - Hazelton Group volcaniclastic rocks
- mJKB - Mesozoic - Bowser Lake Group undivided sedimentary rocks
- uJBAm - Mesozoic - Bowser Lake Group - Ashman Formation mudstone, siltstone, shale fine clastic sedimentary rocks
- uJBT - Mesozoic - Bowser Lake Group - Trout Creek Formation undivided sedimentary rocks
- uKK - Mesozoic - Kasalka Group andesitic volcanic rocks

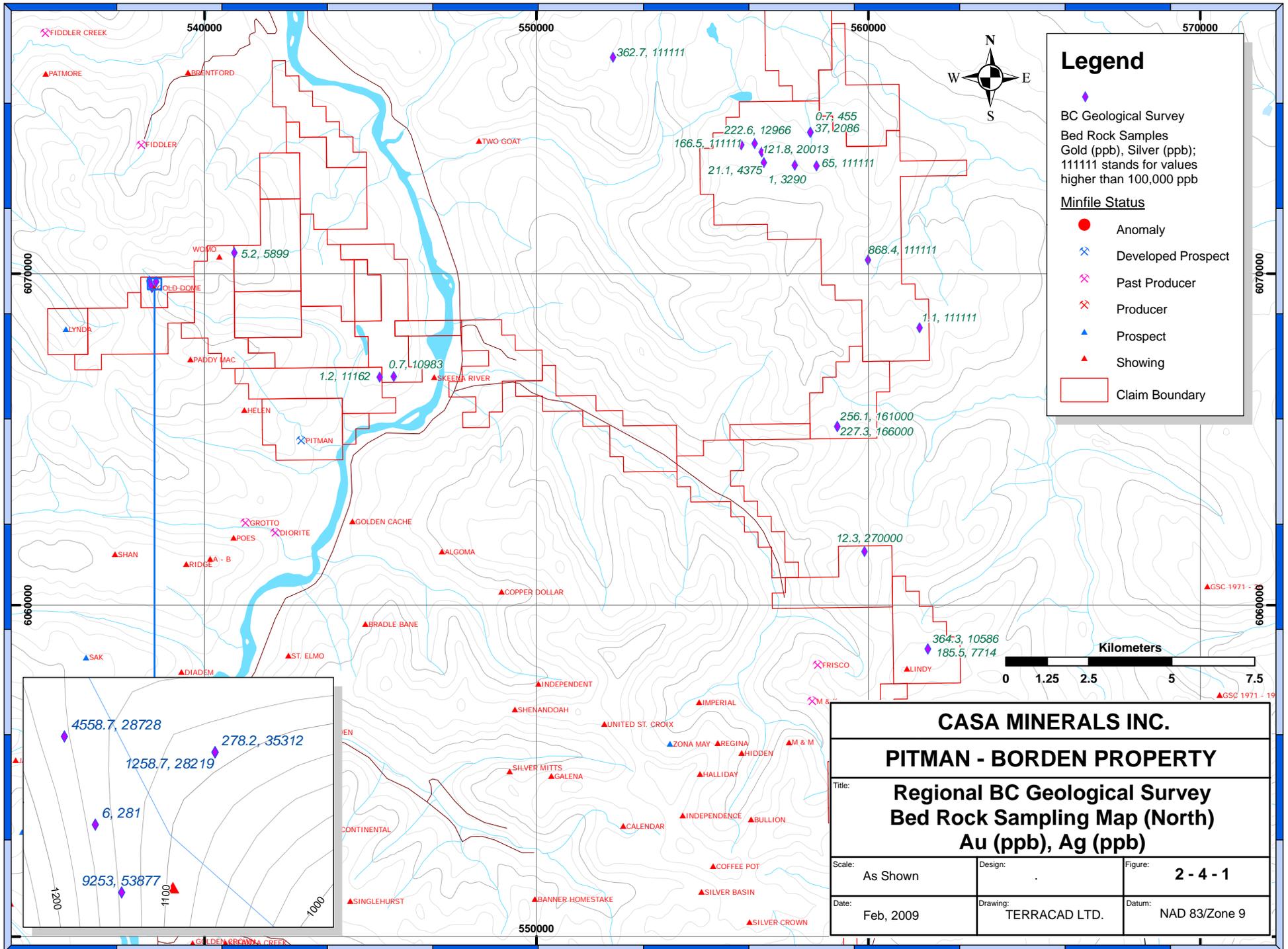
CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Legend to accompany Geology Map		
Scale: As Shown	Design: .	Figure: 2 - 1 - Legend
Date: Oct, 2008	Drawing: TERRACAD LTD.	Datum: .



Legend

- Anomaly
- ✕ Developed Prospect
- ✕ Past Producer
- ✕ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Minfile - Mineral Occurrences of the Area		
Scale:	Design:	Figure:
As Shown	.	2 - 2
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9



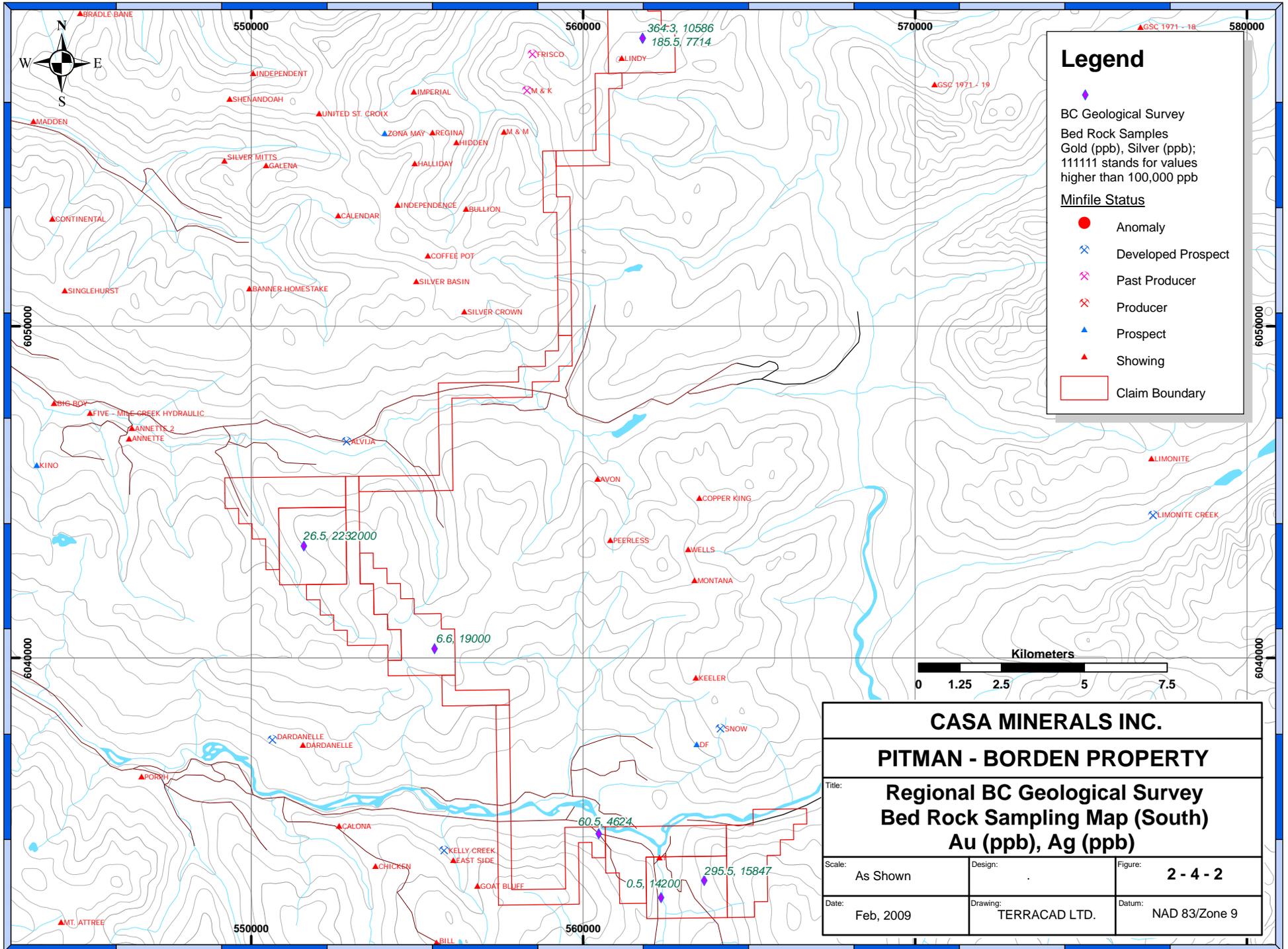
Legend

- ◆ BC Geological Survey Bed Rock Samples
Gold (ppb), Silver (ppb);
111111 stands for values higher than 100,000 ppb
- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Regional BC Geological Survey Bed Rock Sampling Map (North) Au (ppb), Ag (ppb)		
Scale: As Shown	Design:	Figure: 2 - 4 - 1
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

Inset Map Data:

- Sample 1: 4558.7 Au, 28728 Ag
- Sample 2: 278.2 Au, 35312 Ag
- Sample 3: 1258.7 Au, 28219 Ag
- Sample 4: 6 Au, 281 Ag
- Sample 5: 9253 Au, 53877 Ag

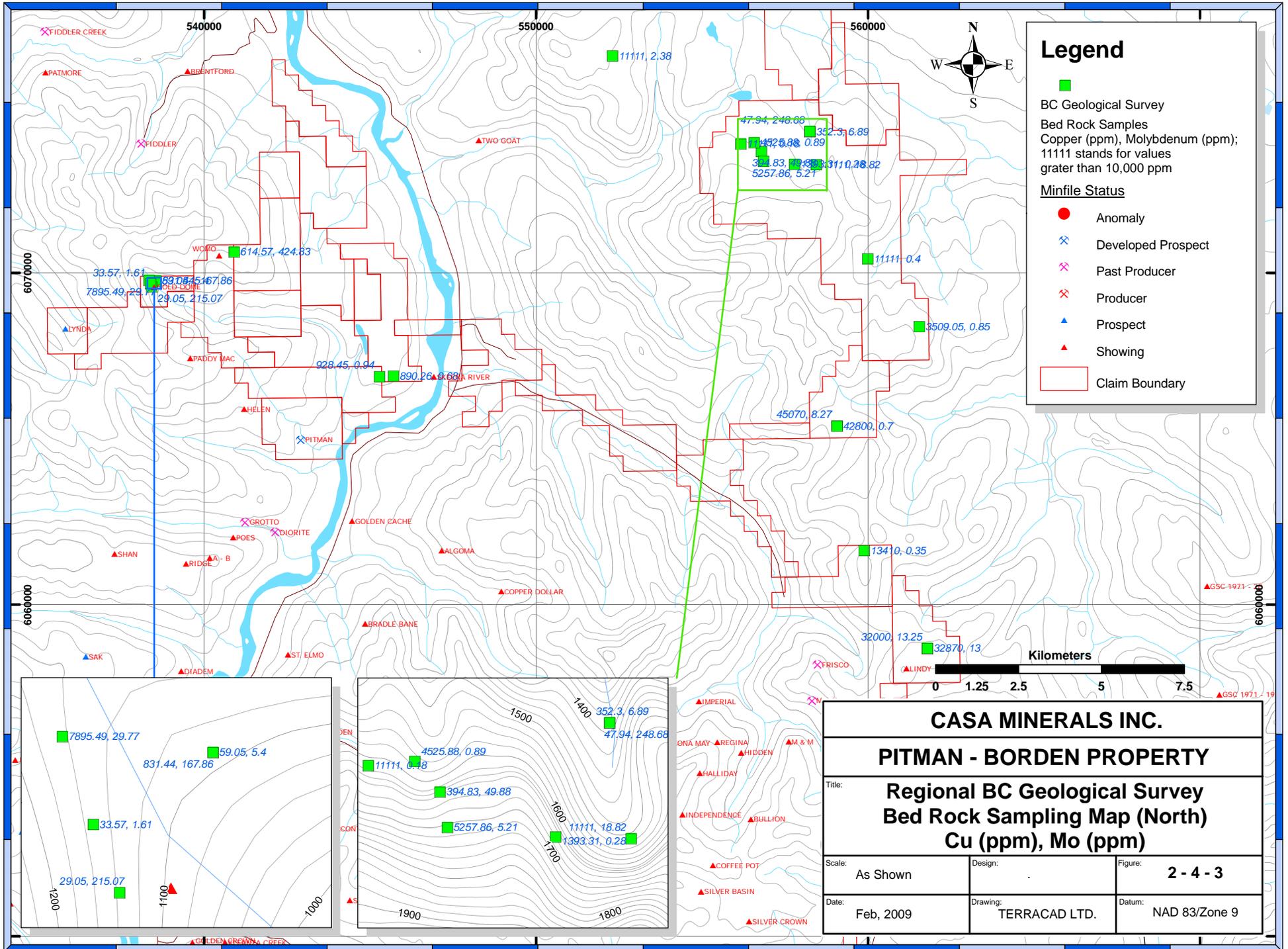


Legend

- ◆ BC Geological Survey Bed Rock Samples
Gold (ppb), Silver (ppb);
111111 stands for values higher than 100,000 ppb
- Minfile Status**
- Anomaly
- ✕ Developed Prospect
- ✕ Past Producer
- ✕ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Regional BC Geological Survey Bed Rock Sampling Map (South) Au (ppb), Ag (ppb)		
Scale: As Shown	Design:	Figure: 2 - 4 - 2
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



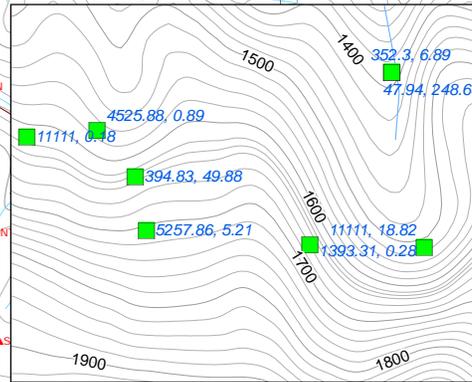
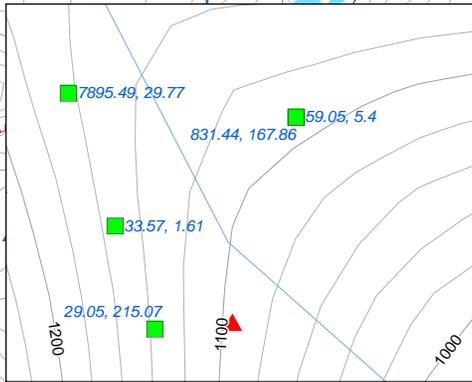
Legend

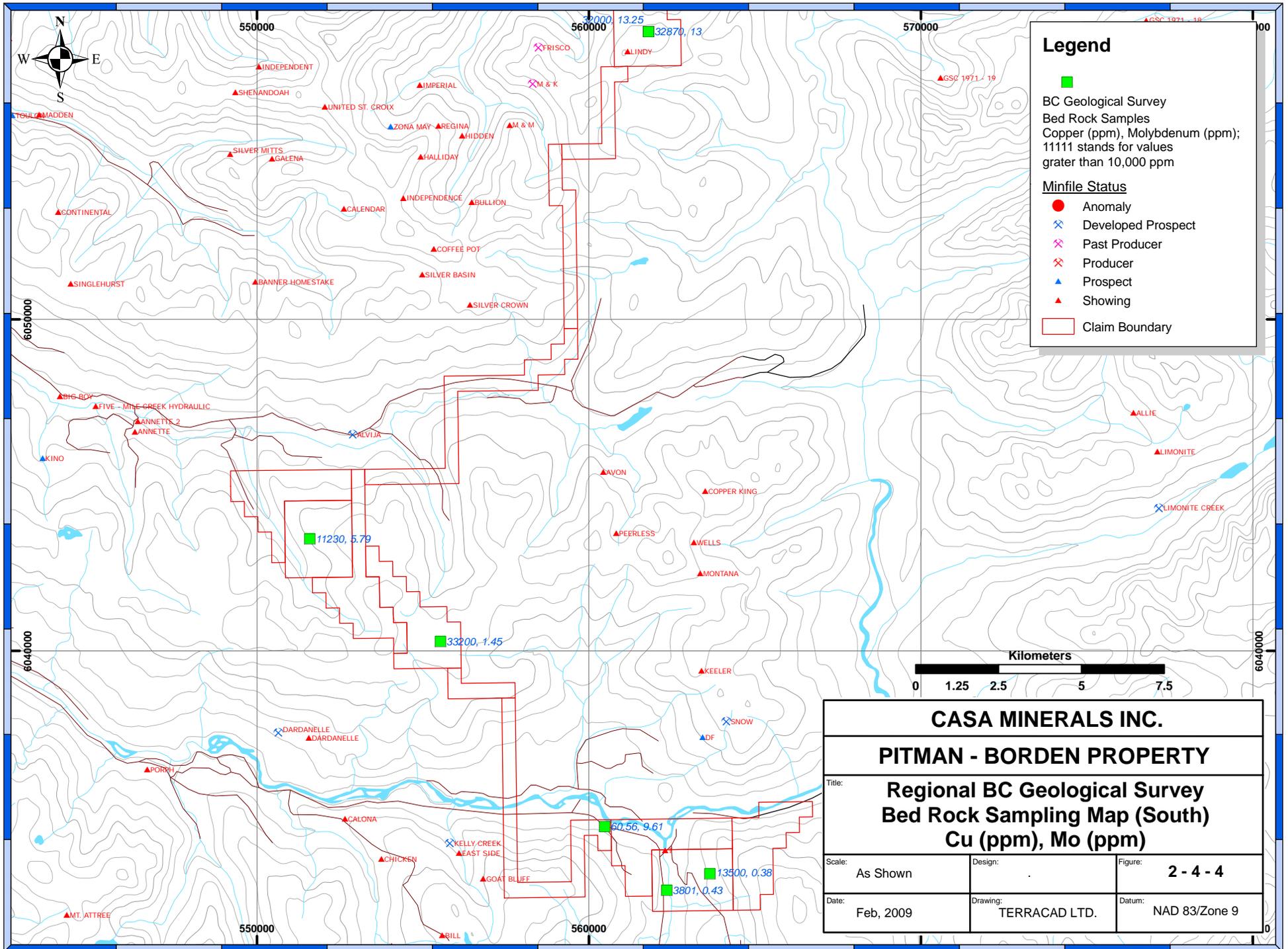
- BC Geological Survey
- Bed Rock Samples
- Copper (ppm), Molybdenum (ppm);
- 11111 stands for values greater than 10,000 ppm

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Regional BC Geological Survey Bed Rock Sampling Map (North) Cu (ppm), Mo (ppm)		
Scale: As Shown	Design:	Figure: 2 - 4 - 3
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



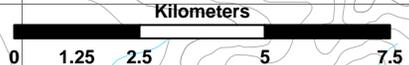


Legend

■ BC Geological Survey Bed Rock Samples
Copper (ppm), Molybdenum (ppm); 11111 stands for values greater than 10,000 ppm

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

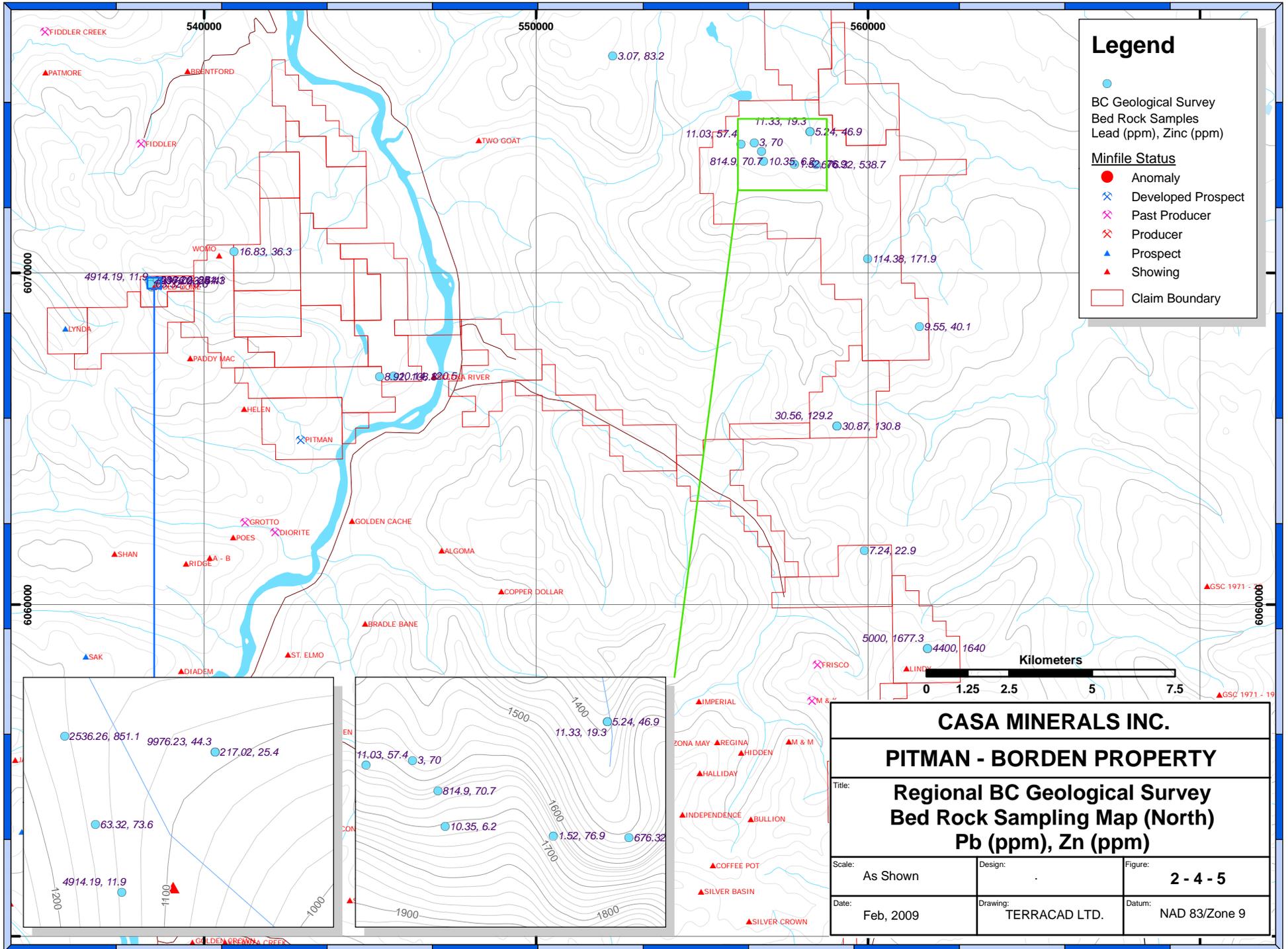


CASA MINERALS INC.

PITMAN - BORDEN PROPERTY

Title: **Regional BC Geological Survey Bed Rock Sampling Map (South) Cu (ppm), Mo (ppm)**

Scale: As Shown	Design:	Figure: 2 - 4 - 4
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



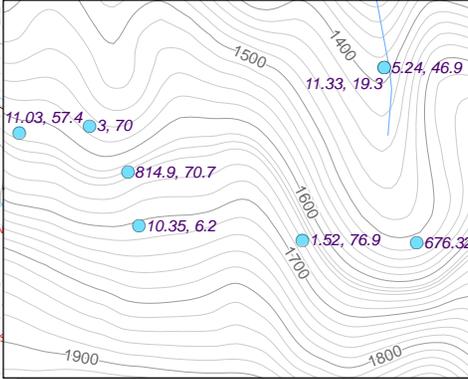
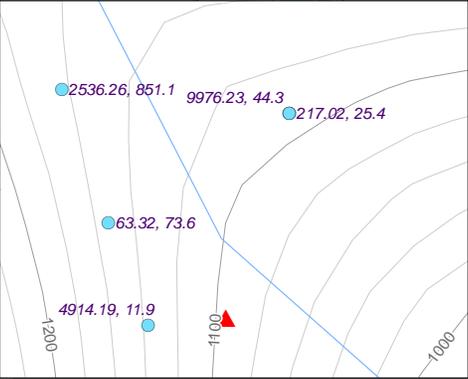
Legend

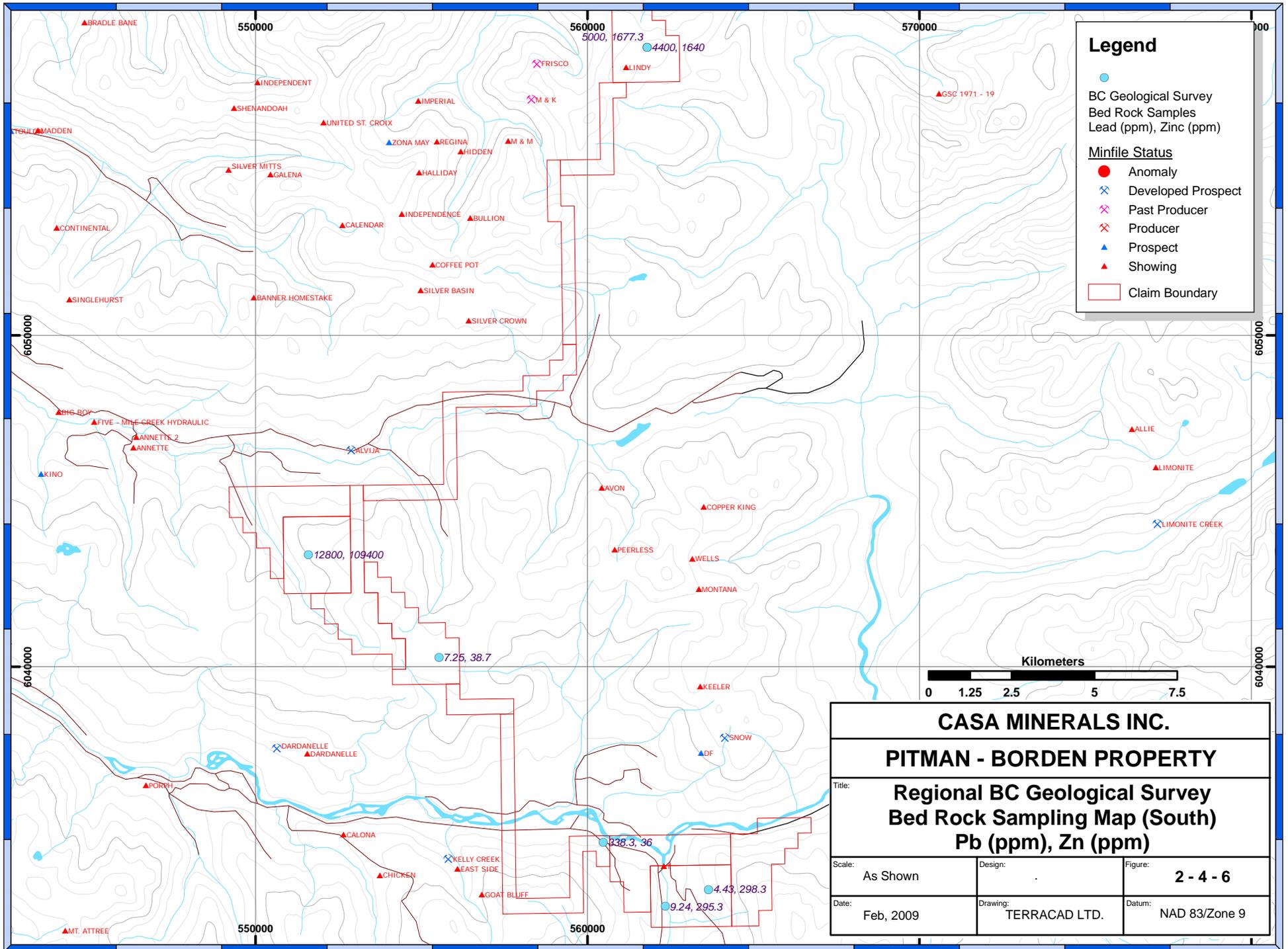
- BC Geological Survey Bed Rock Samples Lead (ppm), Zinc (ppm)

Minfile Status

- Anomaly
- ✕ Developed Prospect
- ✕ Past Producer
- ✕ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Regional BC Geological Survey Bed Rock Sampling Map (North) Pb (ppm), Zn (ppm)		
Scale: As Shown	Design: .	Figure: 2 - 4 - 5
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9





CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Regional BC Geological Survey Bed Rock Sampling Map (South) Pb (ppm), Zn (ppm)		
Scale: As Shown	Design: .	Figure: 2 - 4 - 6
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

2.3 Local Geology

The Pitman-Borden tenures, as shown in Figures 1-2 and 2-1, extend awkwardly over a north-south distance of 40 km and include geologically distinct terrains separated by the Skeena River thrust fault.

West of the Skeena River, Bowser Lake group sedimentary rocks, and to a limited extent Telkwa formation volcanoclastic rocks, are varyingly metamorphosed due to proximity to the large granitic plutons. Several significant mineral occurrences are found at the periphery of the intrusions and also wholly within those bodies. Vein-type deposits with gold values occur at Gold Dome (MINFILE 103I 047), and porphyry-style molybdenum mineralization, with pyrite, chalcopyrite, magnetite and specularite, is found at Pitman (MINFILE no. 103I 046). Molybdenite-bearing quartz veins occur in hornfelsed Bowser Lake Group sedimentary units at WoMo (MINFILE 103I 122), and in quartz-pyrite veins at the Lynda prospect (MINFILE 103I 121).

East of Skeena River, the intrusive bodies are mostly of Early Jurassic age and are emplaced in volcanic members of the Lower Jurassic Telkwa formation. The northern parts are dominantly andesitic, the southern, dacitic in composition (Nelson and Kennedy, 2007). Sedimentary members to a great extent comprise re-worked volcanic strata and especially north of Mt. Sir Robert, dark maroon coloured dykes are abundantly present.

2.4 Regional Geochemistry

The Pitman-Borden tenures are located in NTS map-sheet 103I that was the subject of a Regional Geochemical Survey project in 1978, with additional data added in 1995 and 2008. Large areas of particularly mountainous terrain were inaccessible to samplers.

Geological Survey Branch personnel, led by Dr. J. Nelson, have been conducting mapping projects in the Terrace area in recent years and have obtained multi-element analyses from a large number of bedrock samples. Analyses have been published in various reports that provide a library of data that is not specifically directed to mineral exploration. Some bedrock samples, including some from Pitman-Borden tenures, have significant to spectacular metal analyses. Figures 2-4-1 to 2-4-6 illustrate the locations and metal analyses of various of the GSB bedrock samples.

Working with data obtained from the GSB database, Terracad Geoscience has plotted historic geochemical data from the Pitman-Gold Dome tenures and from tenure no. 568616 (Borden area). Figures 2-4-7 to 2-4-12 illustrate analytical data. Sources of data are principally reports of assessment work filed by prospectors and mineral exploration company personnel and the quality of the data in terms of collection, handling and processing is unknown. The data plots show several areas with elevated levels of various metals and will be used in the future as a guide for further geochemical sampling.

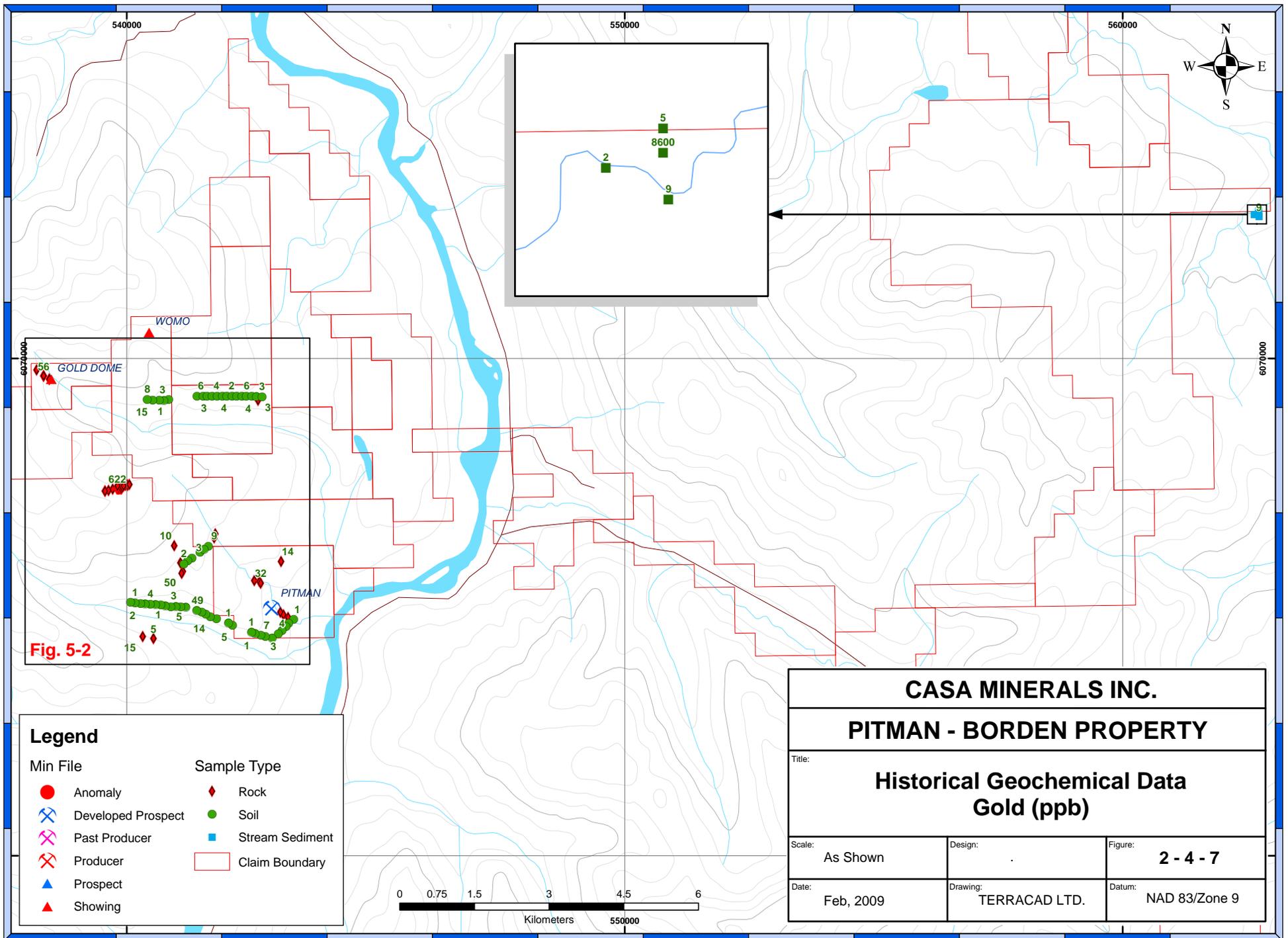
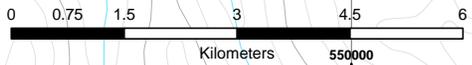


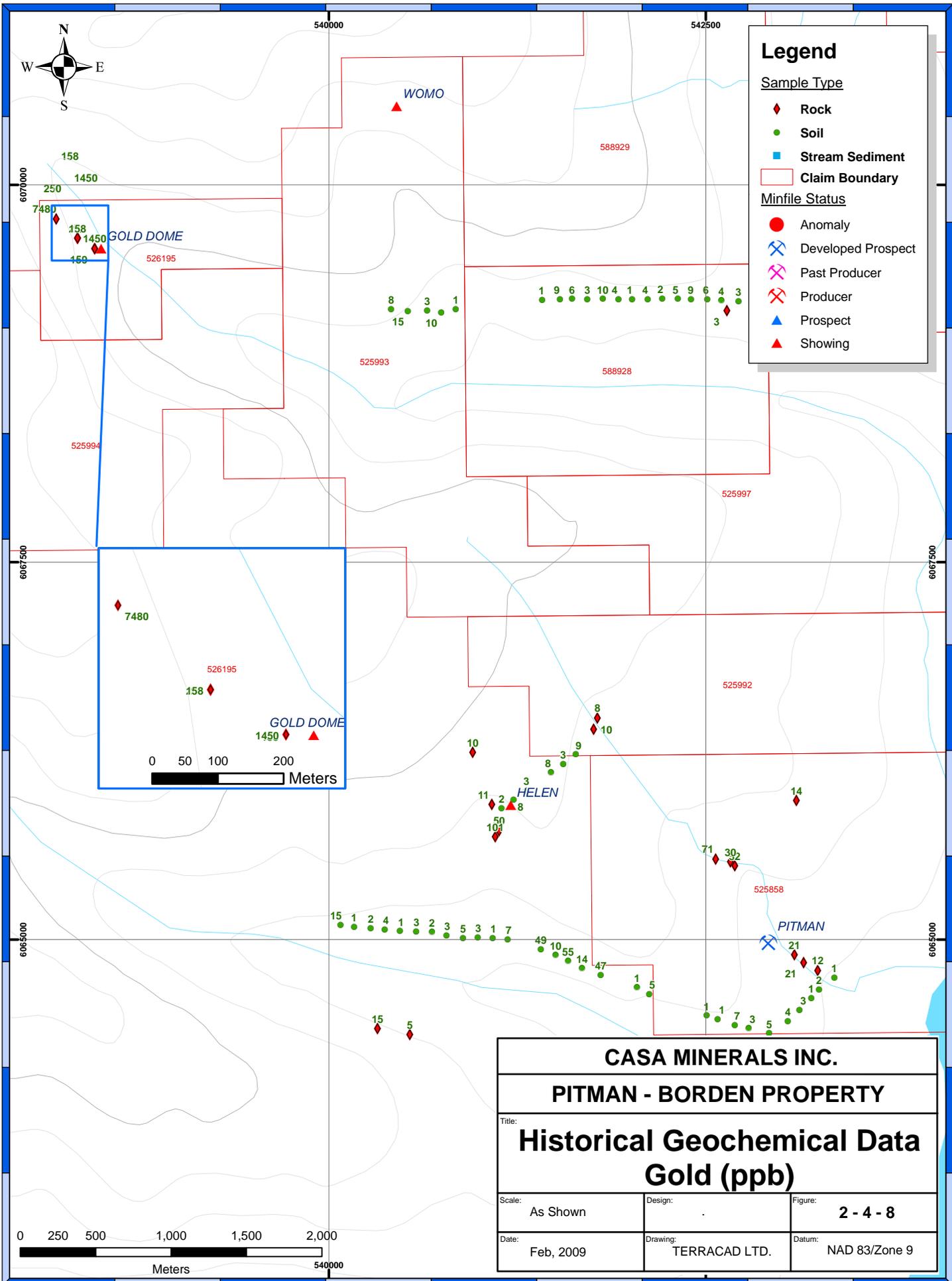
Fig. 5-2

Legend

- | | |
|----------------------|--------------------|
| Min File | Sample Type |
| ● Anomaly | ◆ Rock |
| ⊗ Developed Prospect | ● Soil |
| ⊗ Past Producer | ■ Stream Sediment |
| ⊗ Producer | □ Claim Boundary |
| ▲ Prospect | |
| ▲ Showing | |



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Historical Geochemical Data Gold (ppb)		
Scale:	Design:	Figure:
As Shown	.	2 - 4 - 7
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9



Legend

Sample Type

- ◆ Rock
- Soil
- Stream Sediment
- Claim Boundary

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing

GOLD DOME

7480

526195

158

1450

0 50 100 200 Meters

CASA MINERALS INC.

PITMAN - BORDEN PROPERTY

Title: **Historical Geochemical Data Gold (ppb)**

Scale: As Shown	Design: .	Figure: 2 - 4 - 8
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

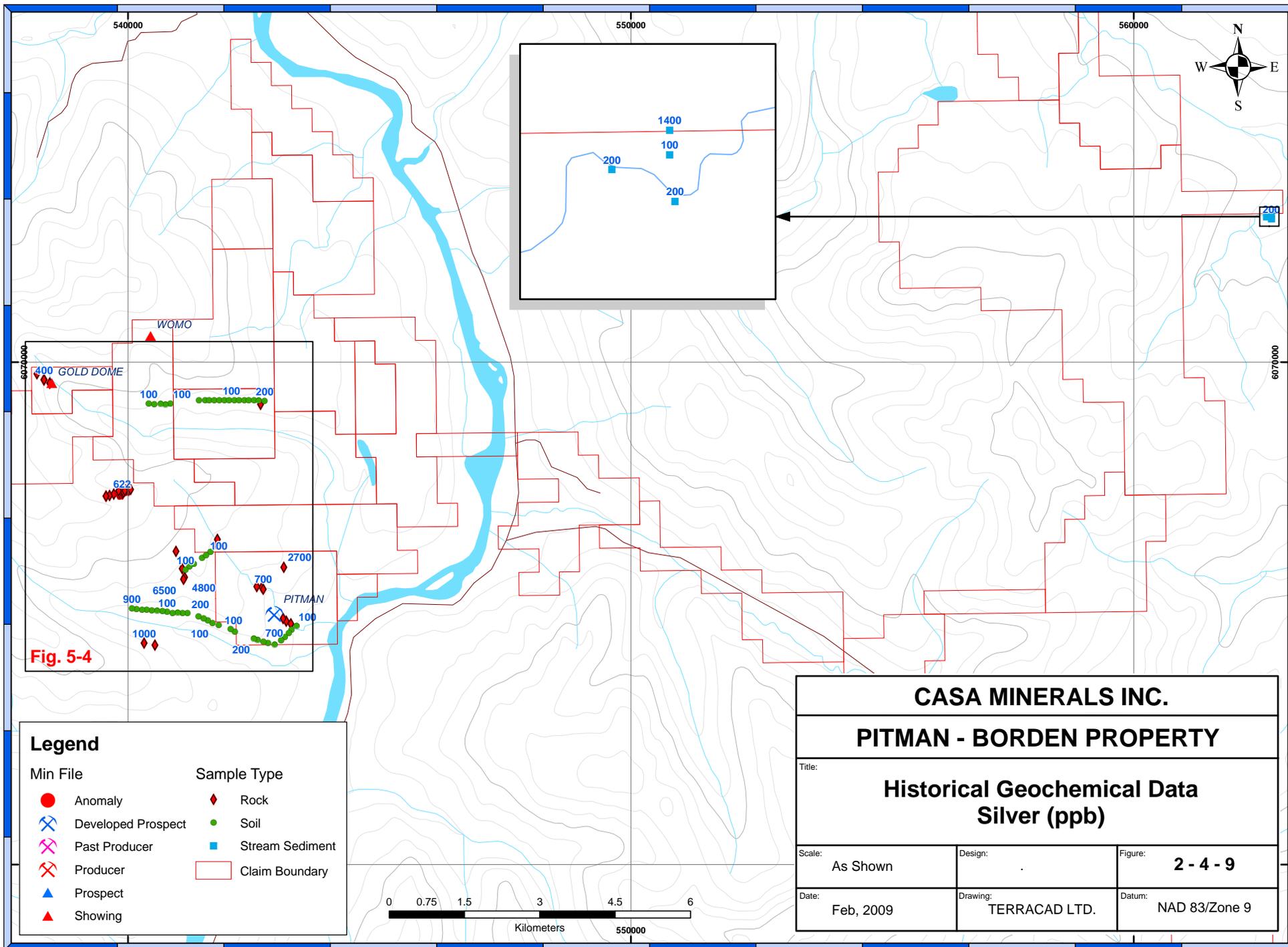
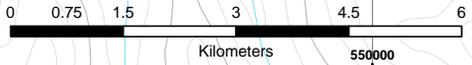


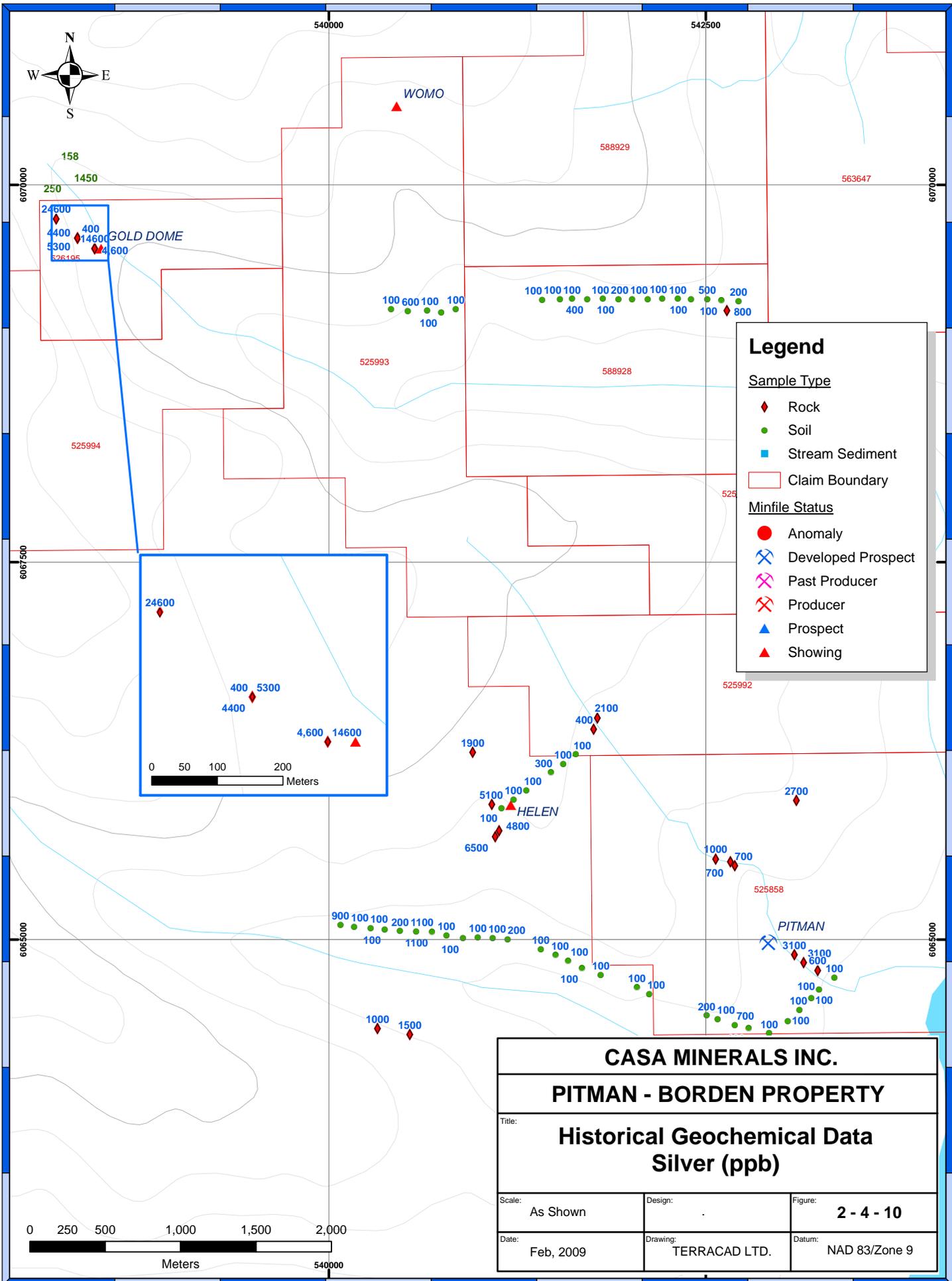
Fig. 5-4

Legend

- | | |
|----------------------|--------------------|
| Min File | Sample Type |
| ● Anomaly | ◆ Rock |
| ⊗ Developed Prospect | ● Soil |
| ⊗ Past Producer | ■ Stream Sediment |
| ⊗ Producer | □ Claim Boundary |
| ▲ Prospect | |
| ▲ Showing | |



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Historical Geochemical Data Silver (ppb)		
Scale:	Design:	Figure:
As Shown	.	2 - 4 - 9
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9



Legend

Sample Type

- ◆ Rock
- Soil
- Stream Sediment
- Claim Boundary

Minfile Status

- Anomaly
- ⊠ Developed Prospect
- ⊠ Past Producer
- ⊠ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Historical Geochemical Data Silver (ppb)		
Scale:	Design:	Figure:
As Shown	.	2 - 4 - 10
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9

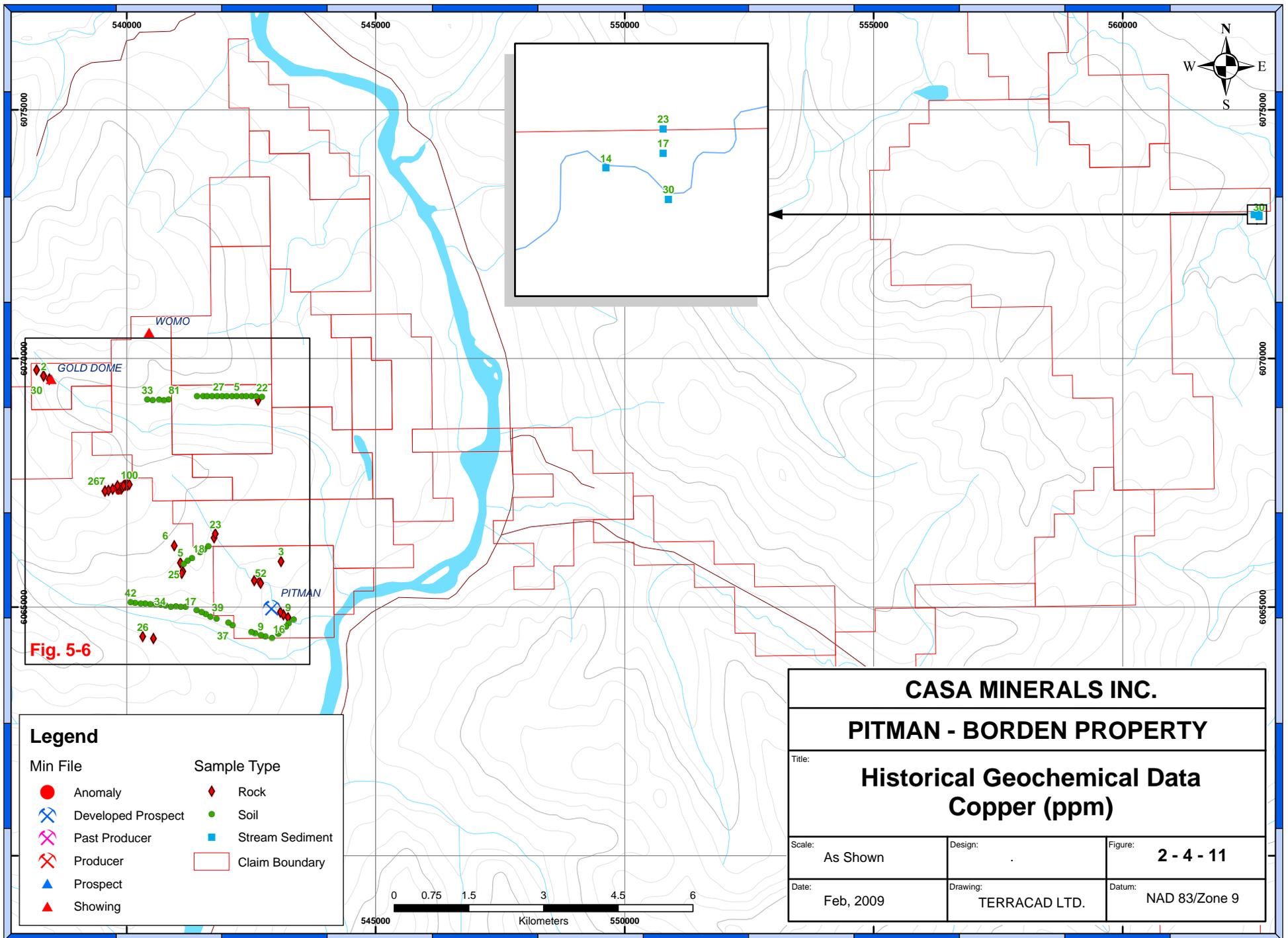
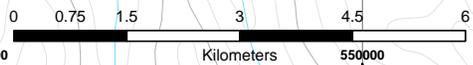


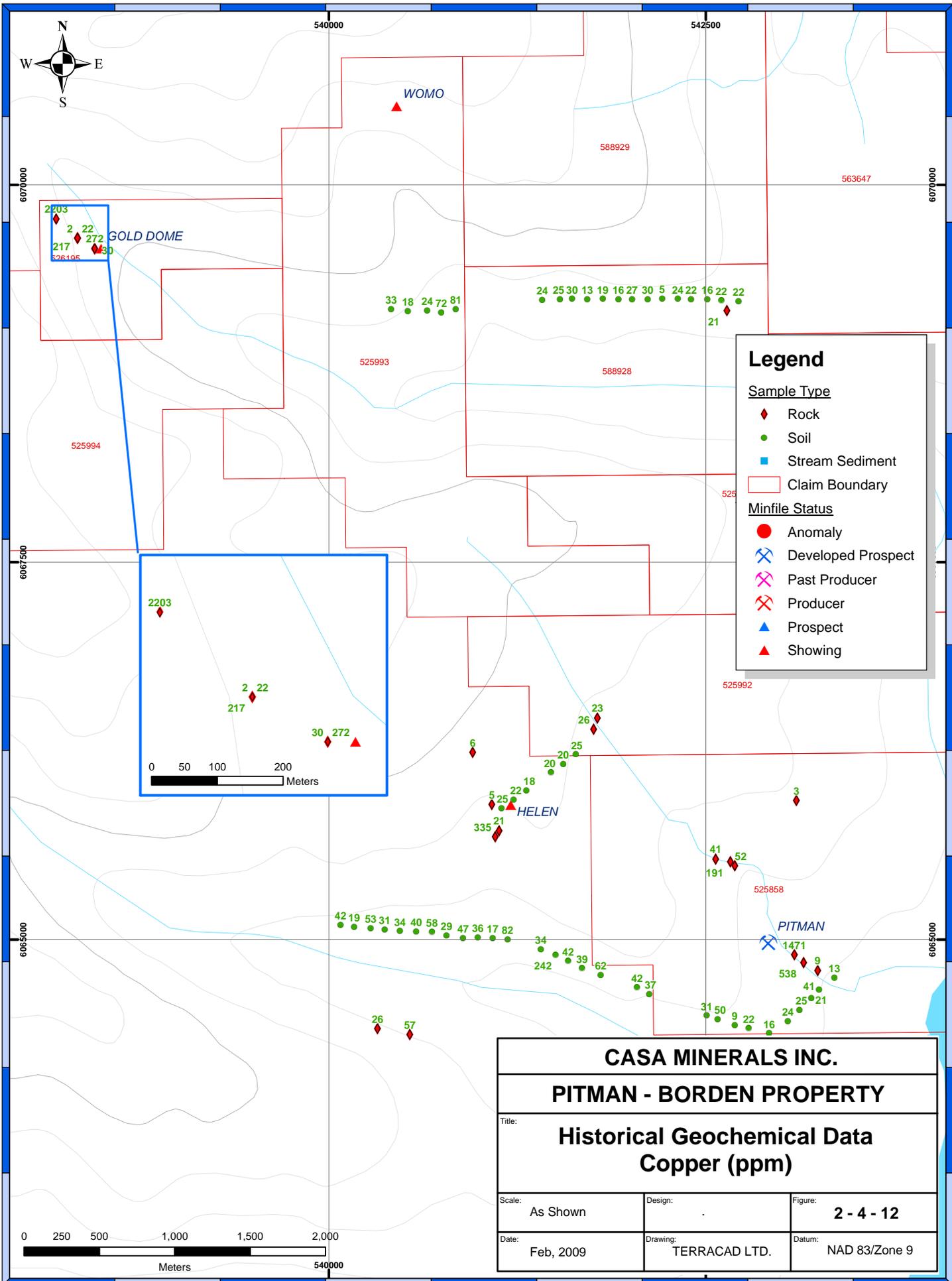
Fig. 5-6

Legend

- | | |
|----------------------|--------------------|
| Min File | Sample Type |
| ● Anomaly | ◆ Rock |
| ⊗ Developed Prospect | ● Soil |
| ⊗ Past Producer | ■ Stream Sediment |
| ⊗ Producer | □ Claim Boundary |
| ▲ Prospect | |
| ▲ Showing | |

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Historical Geochemical Data Copper (ppm)		
Scale:	Design:	Figure:
As Shown	.	2 - 4 - 11
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9





Legend

Sample Type

- ◆ Rock
- Soil
- Stream Sediment
- Claim Boundary

Minfile Status

- Anomaly
- ◆ Developed Prospect
- ◆ Past Producer
- ◆ Producer
- ▲ Prospect
- ▲ Showing

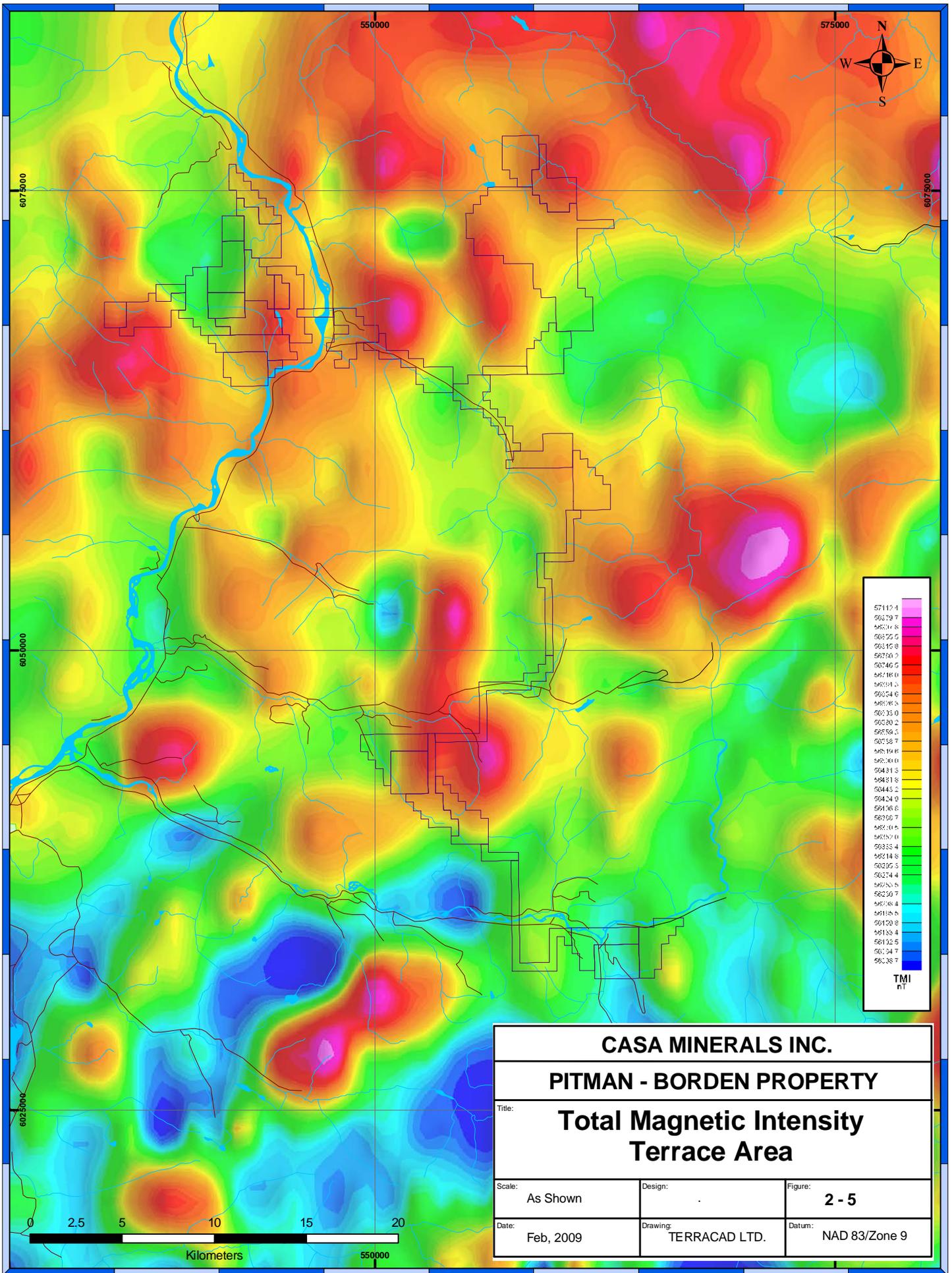
CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Historical Geochemical Data Copper (ppm)		
Scale: As Shown	Design: .	Figure: 2 - 4 - 12
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

2.5 Regional Magnetic Data

Regional magnetic data for the Pitman-Borden area is illustrated in Figure 2-5, Total Magnetic Intensity – Terrace Area. Casa Minerals Inc. mineral tenures are also outlined in that Figure.

Combined with geologic data (Figure 2-1) the magnetic patterns show that WoMo, Gold Dome, Paddy Mac*, Helen* and Pitman mineral occurrences are located in and on the fringe of the very strongly magnetic Carpenter Creek pluton. The northeastmost extension of the mineral tenures are in proximity to the equally strongly magnetic terrane assigned to the Nanika and/or Topley Plutonic Suites of granodioritic intrusive rocks that reportedly host the Zymo copper-gold-silver porphyry-style prospect (discussed in section 10). Casa's Keap Creek prospect is underlain by a very strongly magnetic granodiorite body that is similar to and almost certainly related to the Coast Intrusions. Clore Creek, at the south end of Casa's tenures, lies within a broad area of Lower Jurassic age Hazelton Group volcanoclastic rocks that are only weakly magnetic.

** Paddy Mac and Helen are not part of the Pitman-Borden property.]*



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title:		
Total Magnetic Intensity Terrace Area		
Scale:	Design:	Figure:
As Shown		2 - 5
Date:	Drawing:	Datum:
Feb, 2009	TERRACAD LTD.	NAD 83/Zone 9

3.0 DEPOSIT TYPES

3.1 West of Skeena River

Several molybdenum prospects located west of Skeena River and north of Terrace, B. C. have been in recent years the object of exploration programs. Favourable metal prices and available financings enabled junior companies to undertake both "grassroots" exploration and more advanced technical surveys and drill programs that were directed to historic mineral occurrences. Mineralization is in almost all instances related to the Carpenter Creek granitic pluton and includes porphyry-style molybdenum or molybdenum-copper occurrences, and quartz veining and silicification near or at the hornfelsed contact aureole of that pluton with volcanic and volcanoclastic formations.

3.2 East of Skeena River

Although a large number of mineral occurrences are found east of Skeena River in the valleys of Zymoetz River, Kleanza Creek, Chindemash Creek, St. Croix Creek and Legate Creek, most are small hornfels-related pyritic zones with trivial amounts of copper and occasionally zinc, lead and silver values (Figure 2-2). A small number achieved production due to particularly favourable circumstances, i.e. times of high metal prices and demand, but few were successful. Local prospectors have at various times in recent years carried out small programs of prospecting and sampling. Adverse field conditions, including steep slopes and dense vegetation, undoubtedly inhibited such investigations but roads built and maintained by logging interests have facilitated access, bridged steeply incised streams and generally greatly facilitated mineral exploration work.

The following descriptions relate to two distinctly different types of mineral occurrences that typify the contrasting metallogeny observed east of the Skeena River:

Lindy prospect

The Lindy copper silver prospect (MINFILE 103I 145), located at high elevation in the uppermost Kleanza Creek area, occurs in Telkwa formation red-coloured andesitic calc-alkaline volcanic rocks. Chalcopyrite, bornite and tetrahedrite occur in sheared andesite.

This occurrence is classified as "LO1 - subvolcanic Cu-Ag-Au (As-Sb)" and "DO3 - volcanic redbed Cu".

Dardanelle

The Dardanelle property, located on Zymoetz River, comprises strong quartz veins in which sulphide lenses carry erratically distributed gold and copper values. The sheared contact of a quartz-albite dyke in granodiorite provides the structural host of the veins. Historic underground workings are extensive and the vein is reported to have been traced underground and on surface for more than 2 km (Burton, 2005, quoted by Nelson, et. al., 2008).

4.0 MINERALIZATION

Casa Minerals Inc. in 2007 acquired a large number of mineral tenures in an area that extends both east and west from the Skeena River. The Company's exploration strategy is to further develop known sites and to search for additional mineral occurrences. The claim configuration links several areas where sampling as part of regional geochemical and geological surveys by provincial government geoscientists found indications of high metal contents.

Regional mapping and sampling by government scientists provides by definition a very thin database of metal analyses but serves to confirm prospectors' knowledge that the Pitman-Borden property lies in a geologic environment that is richly endowed with base and precious metals. The government-generated historical geochemical data and the regional bedrock sampling show a very broad range of metal values over the large and geologically diverse expanse of the Pitman-Borden property, including some samples with very high values.

4.1 West of Skeena River

Casa Minerals Inc. tenures located west of the Skeena River are highly prospective for molybdenum occurrences and Casa is but one of several companies pursuing the same type of "target" in that part of the district. The prospecting, et al., model is of a molybdenite-rich phase of the complex package of Coast Intrusions-related plutons and adjoining rock types that is sufficiently large and well mineralized to constitute a "porphyry" deposit: i.e. several tens or hundreds of million tonnes.

Local geology of the Casa Minerals Inc. tenures west of the Skeena River is influenced by their location close to the Carpenter Creek granite pluton of Eocene age and by the complex Skeena River zone of detachment and/or thrust faulting and dextral displacement (Nelson, et al., 2007, p.155). Bowser Lake Group sedimentary formations lie to the north, separated from the plutonic suite by low angle shearing/faulting typical of the margin of a subsiding sedimentary basin. Molybdenite occurrences have been classified (in MINFILE mineral inventory) as "Porphyry Mo (Low F-type)".

The Pitman deposit

The Pitman molybdenite prospect (MINFILE No.103I 046) has been explored by geological mapping, geochemical sampling and diamond drilling. Canex Aerial Exploration in 1963 and 1964 drilled ten holes and estimated a **non-NI 43-101-compliant** resource of approximately 2.5 M tons grading 0.14% Mo and 1.2 M tons grading 0.14% Mo (quoted by Kruchkowski, 1980). Four holes were drilled in 1979 by E & B Explorations Ltd. All holes intersected quartz monzonite, quartz diorite and andesitic and siliceous hornfels as well as quartz veinlets (Kruchkowski, 1980). Molybdenite occurs in fractures and, to a lesser extent, in quartz veins, in association with chalcopyrite, magnetite and specular hematite. The E & B drilling returned low to moderate molybdenum values across significant widths and unimportant tungsten values. Their report of drilling only four holes includes the observation that molybdenum values appear to consistently increase with depth.

Drill hole 79P-1 intersected the following MoS₂ values:

	4.88 to 76.0 metres	71.1m	0.014% MoS ₂
	76.0 to 90.0 metres	14.0m	0.07 % MoS ₂
	90.0 to 130.0 metres	40.0m	0.04 % MoS ₂
	130.0 to 144.0 metres	14.0m	0.08 % MoS ₂
including	138.0 to 144.0 metres	6.0m	0.119% MoS ₂



144.0 to 158.0 metres		14.0m	0.019% MoS ₂
Best intercept in DDH 79P-2	was	36.0m	0.033% MoS ₂
in DDH 79P-3	was	26.0m	0.014% MoS ₂
in DDH 79P-4	was	26.0m	0.022% MoS ₂

The Pitman location is plotted in Figure 2-2. It lies close to a contact between the Carpenter Creek Pluton and a pendant of Troy Ridge facies of Bowser Lake sedimentary rocks. The molybdenite association with hornfelsed sedimentary rocks and granitic intrusions is a very common one world-wide.

The Gold Dome prospect

The Gold Dome prospect (MINFILE No. 1031 047) is situated at high elevation south of Mt. Knauss and in the headwaters area of Carpenter Creek. Mineralization is described in historic accounts (MINFILE Record Summary) as "intrusion-related Au pyrrhotite veins" in plutonic rocks. A 1945 Ministry of Mines Annual Report entry records a 36 cm sample from one of the veins that assayed 17.5 g/tonne gold and 2085 g/tonne silver. A grab sample from another vein assayed 20.4 g/tonne gold, 1765 g/tonne silver, 1.76% copper, 1.32% lead and 5.2 % zinc (Geol. Surv. Canada Memoir 329). Nelson and Kennedy in 2006 (Nelson and Kennedy, 2007, p. 159) took seven samples of bedrock and "float" from the Gold Dome area. Locations and major metallic element analyses are plotted in inset diagrams in Figures 4-1 to 4-3 of this report. Separate from the gold, et al. occurrences, patches and streaks of scheelite occur in northeast striking, southeast dipping, narrow quartz veins. The MINFILE classification is two-fold: IO5 - polymetallic veins and IO2 - intrusion related Au pyrrhotite veins.

Figures 2-1 and 2-2 show that Gold Dome is located entirely within the Carpenter Creek Pluton and in proximity to WoMo and Lynda prospects. Further work may reveal some common factors contributing to the mineralization and, possibly, continuity from site to site of the mineralizing system.

Lynda prospect

The Lynda prospect (MINFILE No. 1031 121) occurs west of Skeena River at the headwaters of a tributary of Fiddler Creek. Molybdenite and minor chalcopyrite are present in a zone with dimensions 460 metres by 150 metres and vertical range of 300 metres that lies within a granitic intrusion. The latter is emplaced, similarly to the Pitman prospect, at the contact between a lobe of the Carpenter Creek pluton of Eocene age and metasedimentary and metavolcanic members of Hazelton and Bowser Lake formations of Upper Jurassic age. Regional magnetic data (see below and Figure 8) show that it is located in an area of intense magnetic response. Mineralization, comprising molybdenite, chalcopyrite and pyrite, is reported (Schindler and Barker, 1966, ARIS report #0866) to accompany moderate to intense sericitization, moderate amounts of feldspathization, and weakly expressed argillization. The assessment report describes a 100 foot long mineralized structure that was chip sampled in ten foot intervals and returned on a weighted average basis 0.04% MoS₂ and 0.04% Cu. Float samples from elsewhere in the intrusive "plug" assayed 0.23% MoS₂, 1.30% MoS₂ and 1.38% MoS₂. The occurrence is classified as "Porphyry Mo (Low F-type).

WoMo prospect

The WoMo prospect (MINFILE No.1031 122) lies at high elevation on the southern slopes of Mt. Knauss and a ridge that separates the drainages of east flowing Carpenter Creek and north-northeast flowing Knauss Creek. East-west striking quartz veins occur in the contact zone between the Carpenter Creek intrusion of the Coast Plutonic Complex quartz diorite and granodiorite and Cretaceous Bowser Lake Group metasedimentary rocks.



The intensity of magnetic response is moderate to weak. Principal minerals of interest are molybdenite and chalcopyrite that occur in fractured and altered portions of both terranes. Historic work on the property by a Cominco exploration crew in 1981 that included rock and soil geochemical sampling, outlined the mineralization that was already defined by prospecting and returned anomalous copper analyses (defined as in excess of 250 ppm Cu) and molybdenum analyses (defined as in excess of 25 ppm Mo) in the contact area. Rock chip samples from the main mineral zone exposures returned numerous values in excess of 400 ppm copper and 100 ppm molybdenum. Notable sections referred to in the assessment report (ARIS No. 10,440) include

485 ppm Mo across 2.4 metres
285 ppm Mo across 3.9 metres
5280 ppm Cu across 4.5 metres.

Elevated silver and weakly elevated gold values were also obtained. Despite the property's name, tungsten analyses were uniformly low.

Nelson and Kennedy (2007) conducted mapping traverses in the WoMo and nearby areas and found evidence of "...a classic porphyry system located at the margin of the Carpenter Creek pluton" (p. 160). Speculatively, they suggested that shearing in both the intrusives and country rocks (of Bowser Lake Group) may extend from Doreen Mine in the north to Paddy Mac and Gold Dome in the south and "...represent the peripheral Au-Ag-base metal enrichments to the main porphyry system" (ibid., p. 160). They also described a 200 by 1000 metre zone of intense clay-sericite alteration with chalcopyrite and molybdenite in quartz vein stockworks. The occurrence is classified as "Porphyry Mo (Low F-type)".

4.2 East of Skeena River

East of the Skeena River, tenures were prospected and sampled by Casa Minerals Inc. personnel in anticipation of locating additional copper and/or copper-molybdenum deposits, possibly with important amounts of gold and silver. Elevated gold analyses were obtained from several pyrite-in-quartz and pyritic hornfels zones, the latter being identified by gossan-type weathering. Provincial geologists have reported a number of vein clusters in Telkwa formation volcanoclastic rocks from which they have obtained impressively high concentrations of copper, gold and silver (Nelson and Kennedy, 2007; Nelson, et al., 2008). Casa Minerals Inc. geologists examined parts of that area and observed veinlets of tetrahedrite-quartz-carbonate, with broad selvages of bleaching that are thought to be feldspathization and/or carbonate alteration. Eastfield Resources Ltd. in partnership with Canadian Gold Hunter, is exploring the Zymo property located immediately east of Casa tenures where "at least two large copper-gold porphyry, intrusion related" zones in Stikine Terrane are being investigated (Eastfield website).

Rapid recession of alpine glaciers in recent decades has exposed large areas that were previously ice covered.

The following descriptions are based in part on field observations by the authors and also on information provided by prospectors and contractors employed by Casa Minerals Inc. and from ARIS files and publications of the provincial government.

Clore Creek Prospect Area

Clore Creek is a north-flowing tributary of Zymoetz River located at the south most extent of Casa Minerals Inc. tenures (tenures no. 578708, 578710, shown in Figure 2). Pyrite-sericite-silica alteration zones occur with a large number of fractures hosted by metamorphosed (hornfelsed) sedimentary members of the Lower Jurassic Telkwa formation. Mineralization has been found over an area of several tens of square metres and possible extensions are obscured by vegetation. Apart from reconnaissance type RGS program sampling by Geological Survey Branch (GSB) geoscientists, there is no record of work prior to that of Casa and insufficient work has



been completed to enable estimation of the exploration potential in this area. At the stream-side location shown in Figure 2-4-4, Nelson, et al. of the GSB reported a 2 metre discontinuous rock chip sample that returned analytical values of 3801 ppm copper, 0.43 ppm molybdenum, 0.5 ppm gold, 14,200 ppb silver, 9.24 ppm lead and 295.3 ppm zinc, and a 2 metre continuous chip sample with 13,500 ppm copper, 0.38 ppm molybdenum, 15,847 ppb silver, 295.5 ppb gold, 4.43 ppm lead and 298.3 ppm zinc (Nelson, et al. 2008).

Keap Creek Prospect Area

Keap Creek is a north-flowing tributary of Kleanza Creek that falls steeply from the northeast side of the O. K. Range [aka the Okay Range]. The entire lower slope has been clear-cut logged, with a few remnant patches of old-growth timber (mostly hemlock and western red cedar), and has been re-forested in recent years. Higher elevation parts, above a natural cliff escarpment, are mostly forested. Casa's interest arose from a recent rock sample taken by GSB crews, 05-TB-45-02, that returned on analysis 26.5 ppb gold, 2,232,000 ppb silver, 1.12% copper, 1.28% lead, 10.94% zinc and 5.79 ppm Mo (location is shown on Figure 2-4-2).

Lindy Prospect (aka Frisco) (see also previous section)

The Lindy copper-silver prospect is an historic occurrence that comprises quartz porphyry dykes and sills in andesite in which a shear zone is locally mineralized with chalcopyrite, bornite and tetrahedrite. The location was not visited in the 2008 field season.

5.0 EXPLORATION

Casa Minerals Inc. personnel during summer 2008, worked with a six person contract crew employed by Geotronics Surveys Ltd. to conduct preliminary investigations of several parts of the Pitman-Borden mineral tenures. The crew was based in Terrace, B. C. and traveled to the work sites daily by four-wheel drive equipped vehicles, and occasionally by helicopter. Work sites were determined by Casa's field manager and field locations were recorded by GPS measurements. Magnetometer surveys employed a Geometrics Proton Precession Magnetometer, Model G-856, and field observations were corrected for diurnal and other aberrations by comparison with a base station instrument that periodically during the survey recorded magnetic intensity at a fixed point. Soil samples were taken as recommended by MMI Technology, developers of the method: samples were taken from approximately a constant depth below the interface between leaf and twig litter on surface and the underlying soils. Analyses were performed by SGS Laboratories of Lakefield, Ontario, following a procedure that employs a proprietary mixture of leachate solutions to extract particular suites of metals. The MMI method measures loosely held metal ions that have been transported to the near-surface environment in interparticle fluids that move by capillary action. MMI Technology, as noted above, recommends determination of background values for each element followed by calculation of "MMI response ratios" for each element. Background is the average of the lowest quartile (25%) of the data and the "response ratio" is the metal content divided by the background. Response ratios in general need to be greater than 2 - 5 times background before being considered 'anomalous' (MMI Technology Manual). The dataset for each survey area is specific only to that area.

MMI theory posits that response ratios reduce the effects of dissolution variables during extraction, for example time and temperature, allow the splicing of different data batches or data from varying regolith situations, reduce the effects of sampling in different regolith units and facilitate multi-element data presentations for interpretation (MMI manual, p. 10). The "total metallic response ratio" was calculated for some of the Pitman-Borden area



samples: this figure is a derivative of the response ratios and represents the sum of the response ratios for five major elements: gold, silver, copper, molybdenum and zinc.

Clore Creek

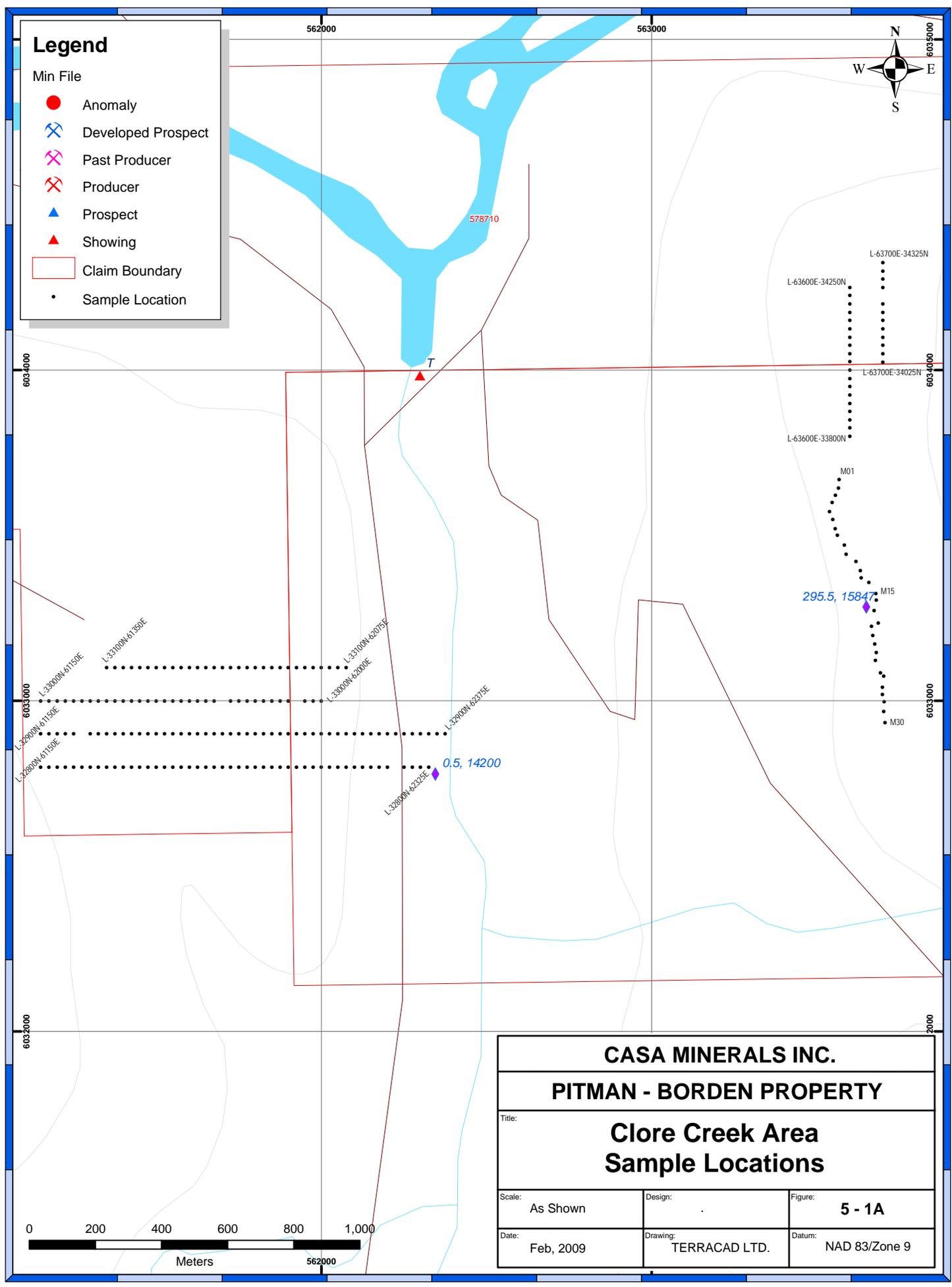
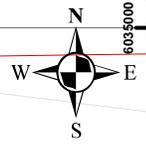
Casa Minerals in 2008 on the Clore Creek part of the Pitman-Borden property completed a program of MMI soil sampling on a grid of four parallel lines with total length four kilometres. MMI metal response ratios were calculated for silver, gold, copper, molybdenum and zinc. *[MMI analyses measure the readily extracted metal ion content of samples and differ substantially from conventional analyses that usually measure all or substantially all of the metal present in the -80 mesh fraction of samples.]* Figures 5-1A to 5-5 illustrate the response ratios for Clore Creek MMI samples: silver RR - weak to moderately strong, consistent, gold RR - weak to non-existent, copper RR - erratically elevated, molybdenum RR - non-existent, zinc RR - moderate to strong. Figure 5-6 illustrates the location of British Columbia Geological Survey samples and, for the MMI samples, the "total metallic response ratio" (see above).

The government rock chip samples and Casa Mineral's MMI samples provide indications of strong metal enrichment in the Clore Creek area but coverage is too restricted to show useful information concerning the nature and distribution of metal values. Because insufficient work has been done to determine the merits of the area, further prospecting, mapping, sampling, and, possibly, magnetometer surveys are recommended.

Legend

Min File

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary
- Sample Location



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area Sample Locations		
Scale: As Shown	Design: .	Figure: 5 - 1A
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

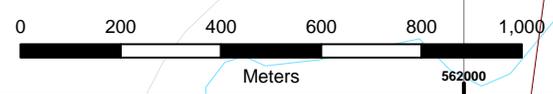
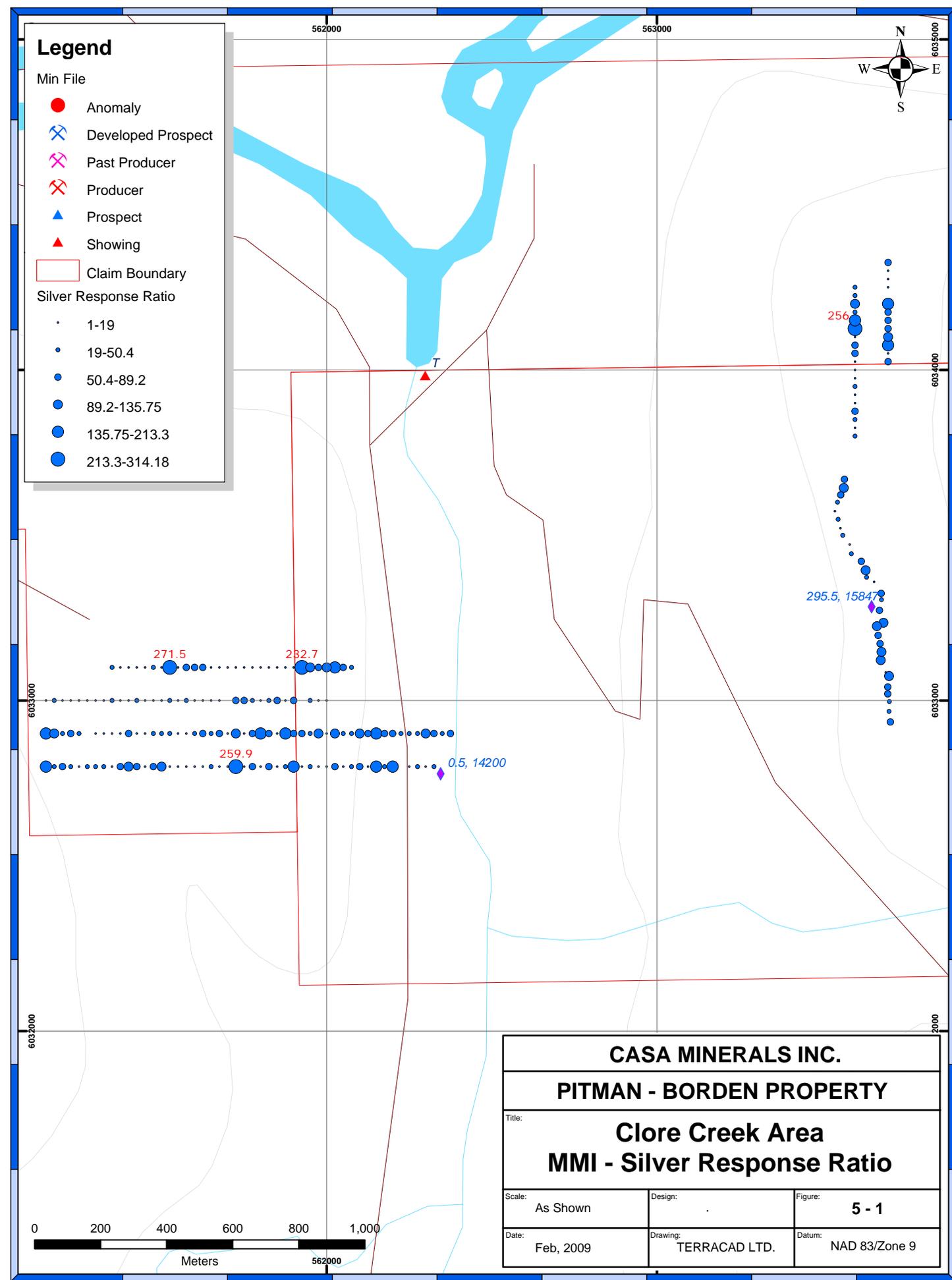
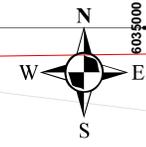
Legend

Min File

- Anomaly
- ⚡ Developed Prospect
- ⌘ Past Producer
- ⌘ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

Silver Response Ratio

- 1-19
- 19-50.4
- 50.4-89.2
- 89.2-135.75
- 135.75-213.3
- 213.3-314.18



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area MMI - Silver Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 1
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

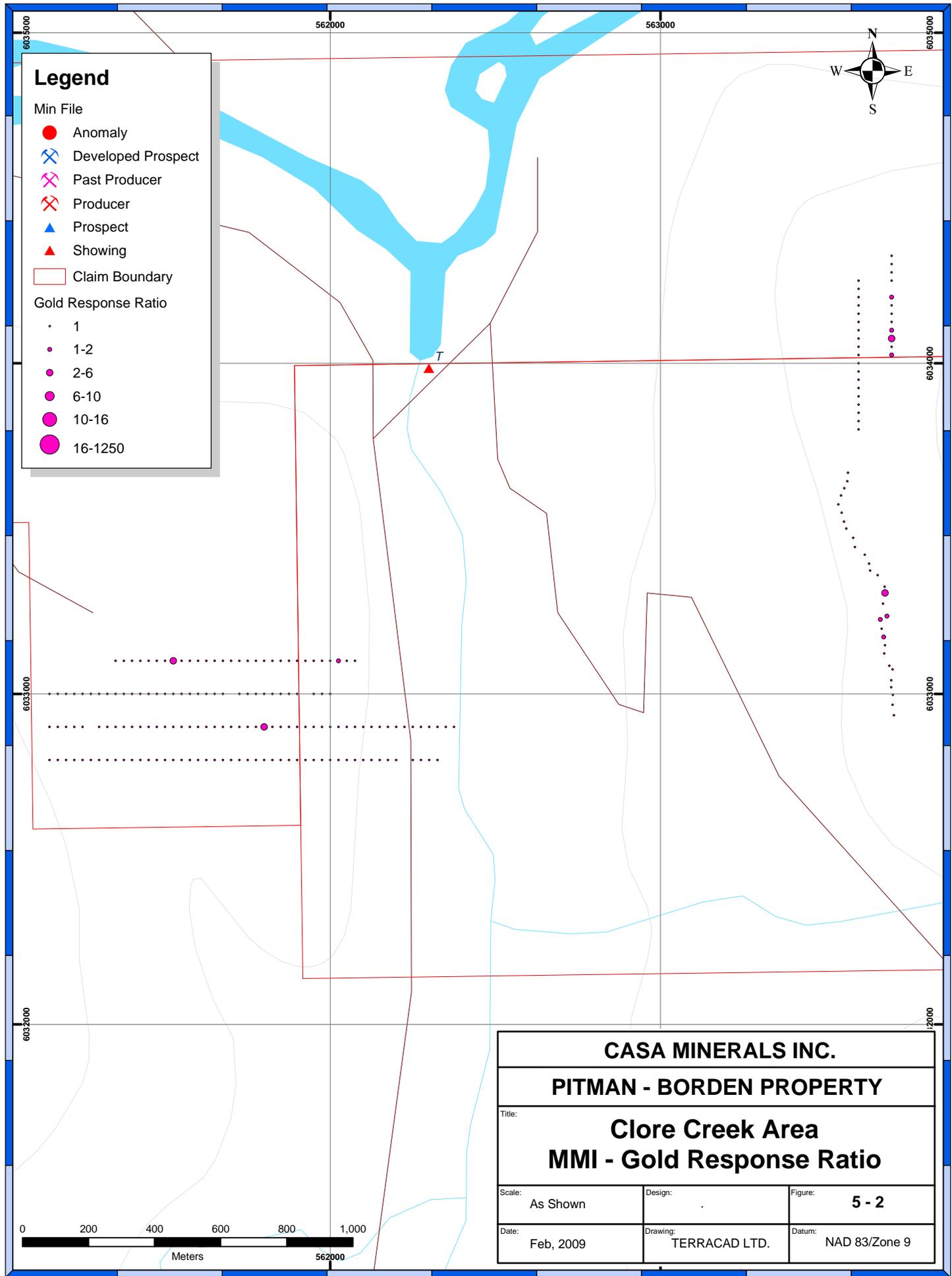
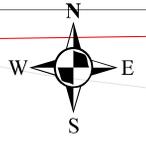
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Min File

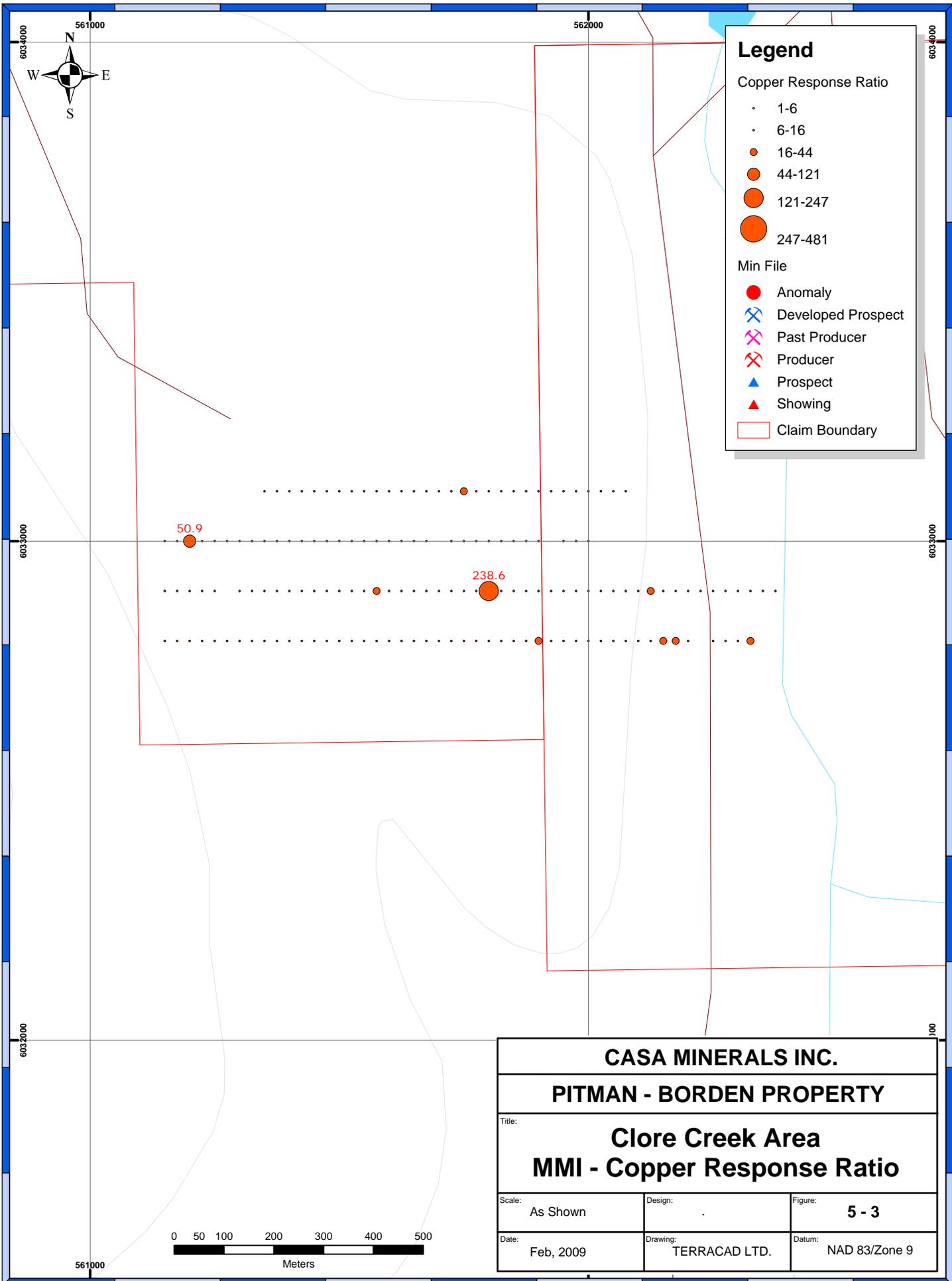
- Anomaly
- ✕ Developed Prospect
- ✕ Past Producer
- ✕ Producer
- ▲ Prospect
- ▲ Showing
- Claim Boundary

Gold Response Ratio

- 1
- 1-2
- 2-6
- 6-10
- 10-16
- 16-1250



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area MMI - Gold Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 2
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

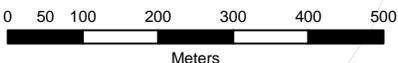
Copper Response Ratio

- 1-6
- 6-16
- 16-44
- 44-121
- 121-247
- 247-481

Min File

- Anomaly
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area MMI - Copper Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 3
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



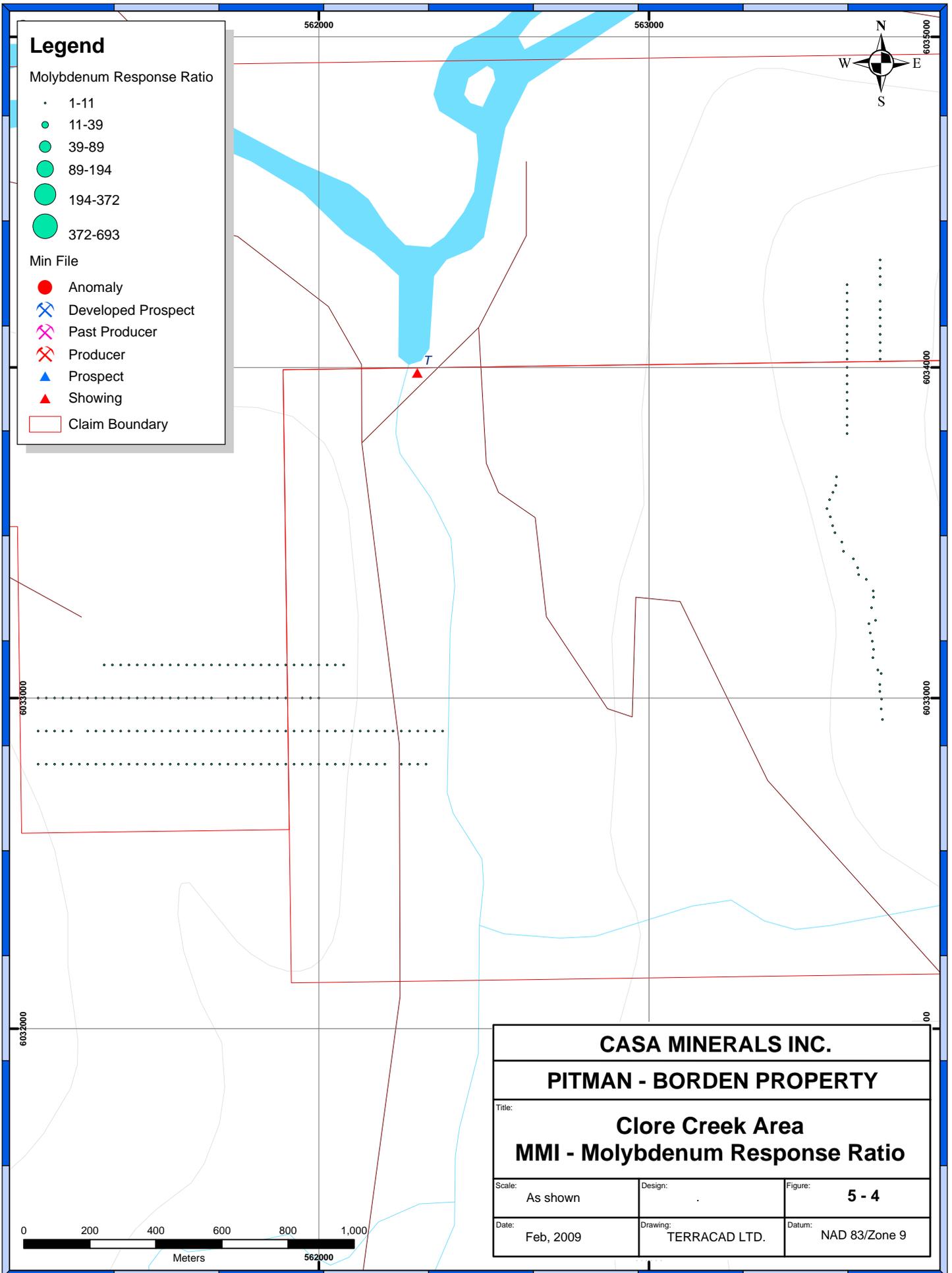
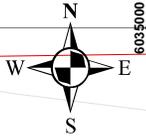
Legend

Molybdenum Response Ratio

- 1-11
- 11-39
- 39-89
- 89-194
- 194-372
- 372-693

Min File

- Anomaly
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- Claim Boundary



CASA MINERALS INC.

PITMAN - BORDEN PROPERTY

Title:

**Clore Creek Area
MMI - Molybdenum Response Ratio**

Scale: As shown

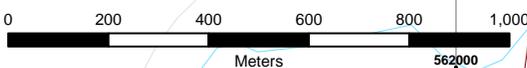
Design:

Figure: **5 - 4**

Date: Feb, 2009

Drawing: TERRACAD LTD.

Datum: NAD 83/Zone 9



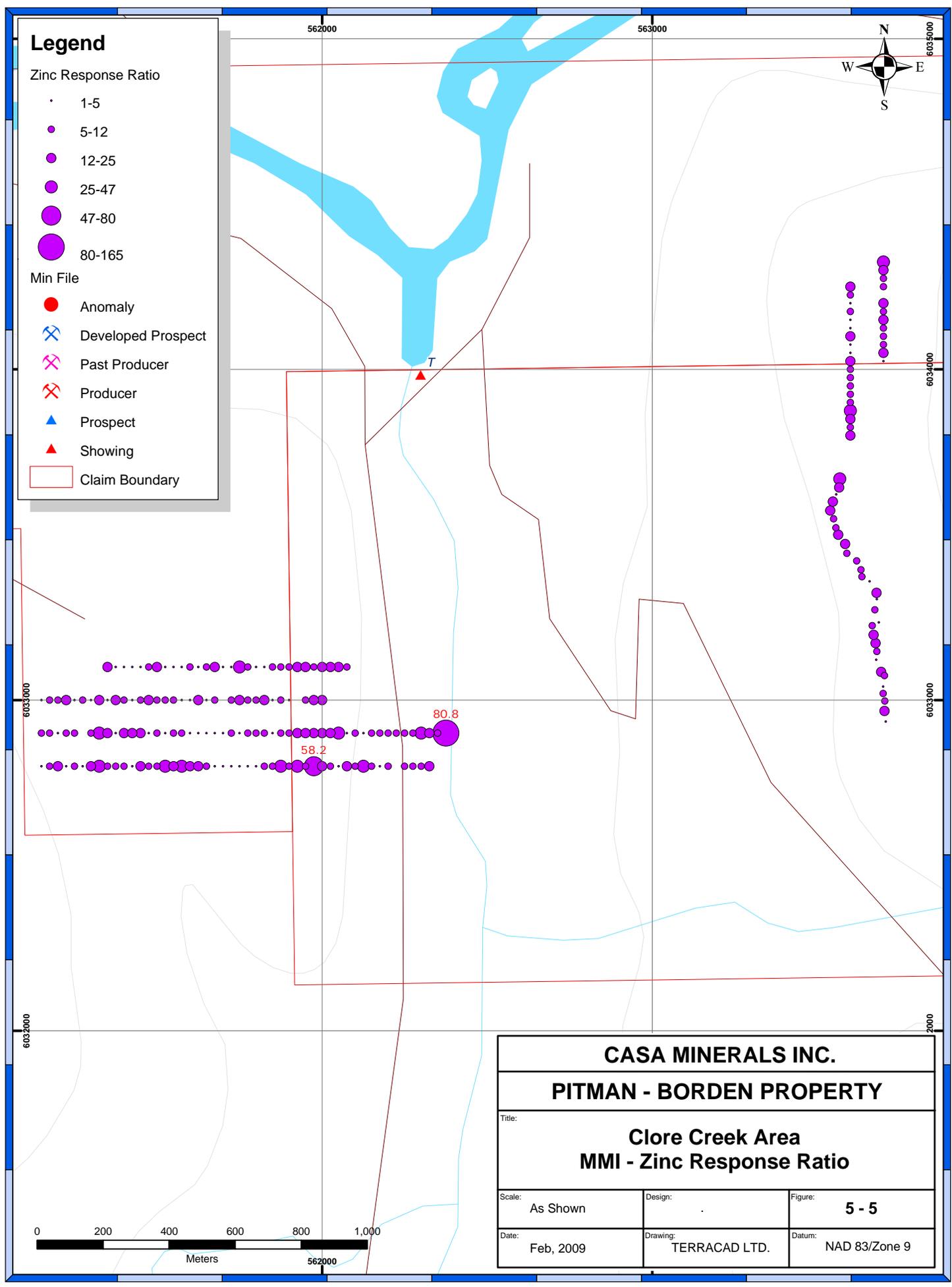
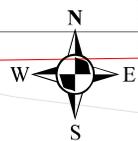
Legend

Zinc Response Ratio

- 1-5
- 5-12
- 12-25
- 25-47
- 47-80
- 80-165

Min File

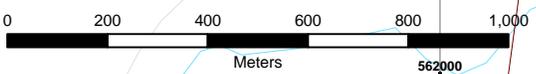
- Anomaly
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- Claim Boundary

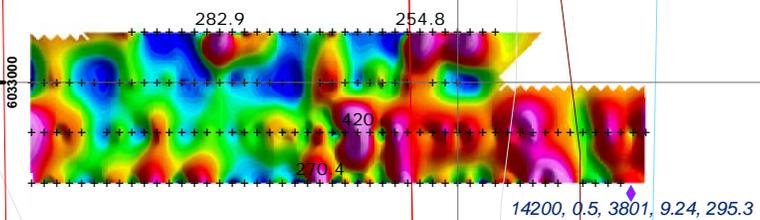


80.8

58.2

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area MMI - Zinc Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 5
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

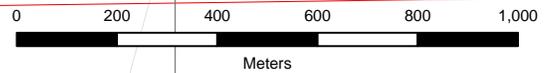




15847, 295.5, 13500, 4.43, 29853.1

Legend

- + MMI Sample Location
- Min File
 - Anomaly
 - ⊗ Developed Prospect
 - ⊗ Past Producer
 - ⊗ Producer
 - ▲ Prospect
 - ▲ Showing
 - Claim Boundary
- BC Geological Survey Bed Rock Sample
 - ◆ Ag(ppb), Au(ppb), Cu(ppm), Pb(ppm), Zn(ppm)



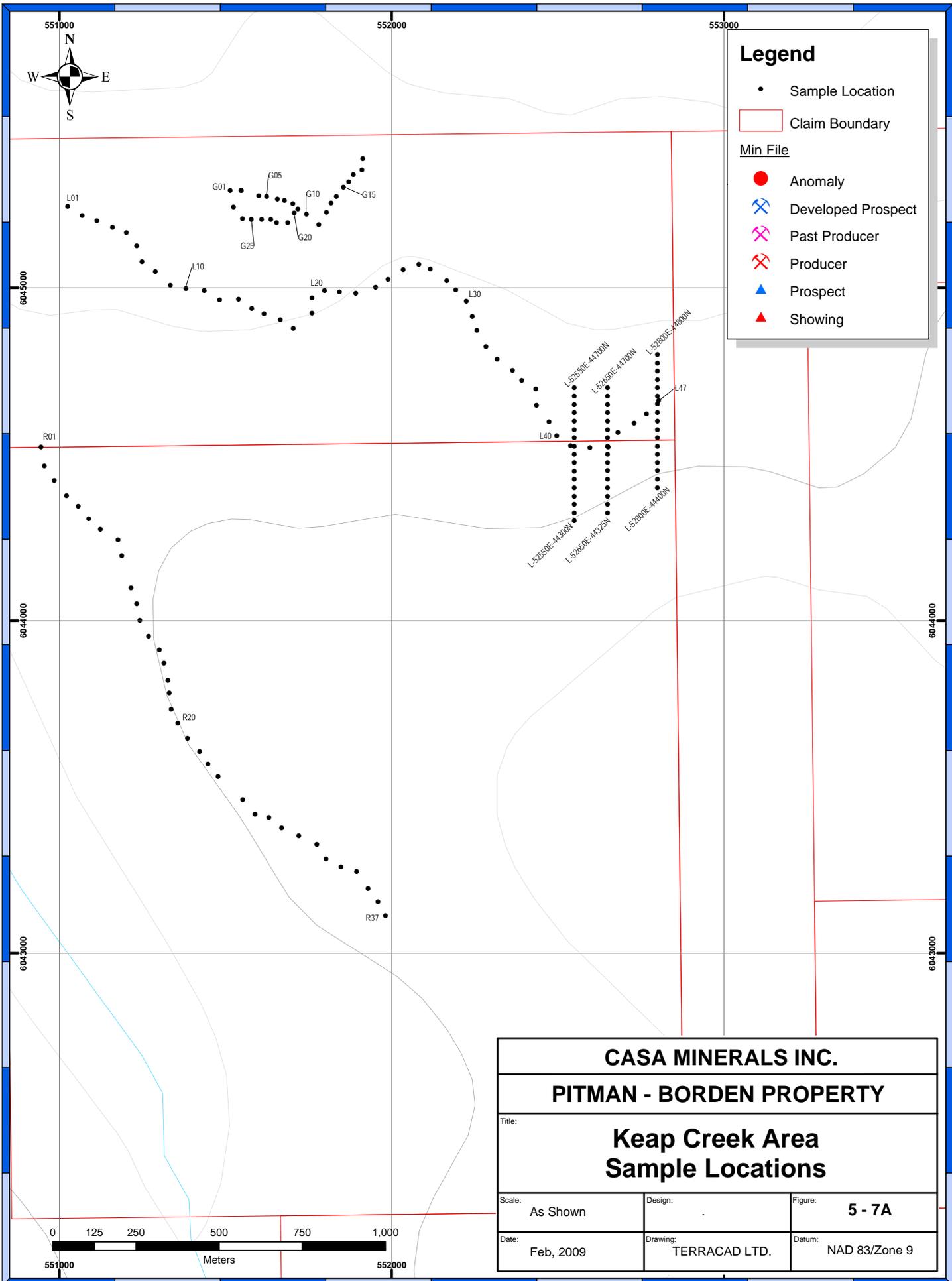
CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Clore Creek Area MMI - Total Metallic Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 6
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

Keap Creek

Keap Creek is a northeasterly flowing tributary of Kleanza Creek, a large stream that joins Skeena River fifteen kms north of Terrace, B. C. Access from Highway 16 is by 15 km of well constructed logging roads. Most of the Kleanza Creek drainage basin, including Keap Creek, has been logged and re-forested.

Government geologists in 2006 found evidence of strong pyritization in silicified volcanic rocks east of Skeena River (Nelson and Kennedy, 2007, p. 161). A sample from a road side location near the upper part of Keap Creek returned 2,232,000 ppb silver, 26.5 ppb gold, 11,230 ppm copper, 12,800 ppm lead and 109,400 ppm zinc. Casa Minerals Inc. conducted a limited amount of follow-up work in the area, comprising roadside MMI sampling at 50 metre intervals along 3.5 km of road, and at 25 metre intervals on a three line grid. Response ratios for silver, gold, copper, molybdenum and zinc are plotted in Figures 5-7A to 5-11 and total metallic response ratios are plotted in Figure 5-12. The response ratios (RR) for Keap Creek MMI samples are summarized as follows: silver RR - strong, gold RR - erratic, weak, copper RR - strong, molybdenum RR - strong, and zinc RR - weak in roadside samples and moderately strong in the grid area. Magnetometer observations on the small grid are plotted in Figure 5-13.

The BCGS rock chip sample data was validated by the road side MMI sample data. The magnetic pattern shown in Figure 5-13 is not diagnostic. Further prospecting should be conducted in the Keap Creek area and a small program of additional MMI-type sampling both up-slope and down-slope from the road in the vicinity of the strongly anomalous rock chip sample and an expansion to the east of the grid will be particularly useful.



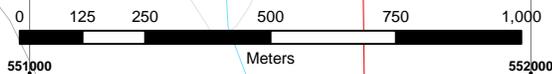
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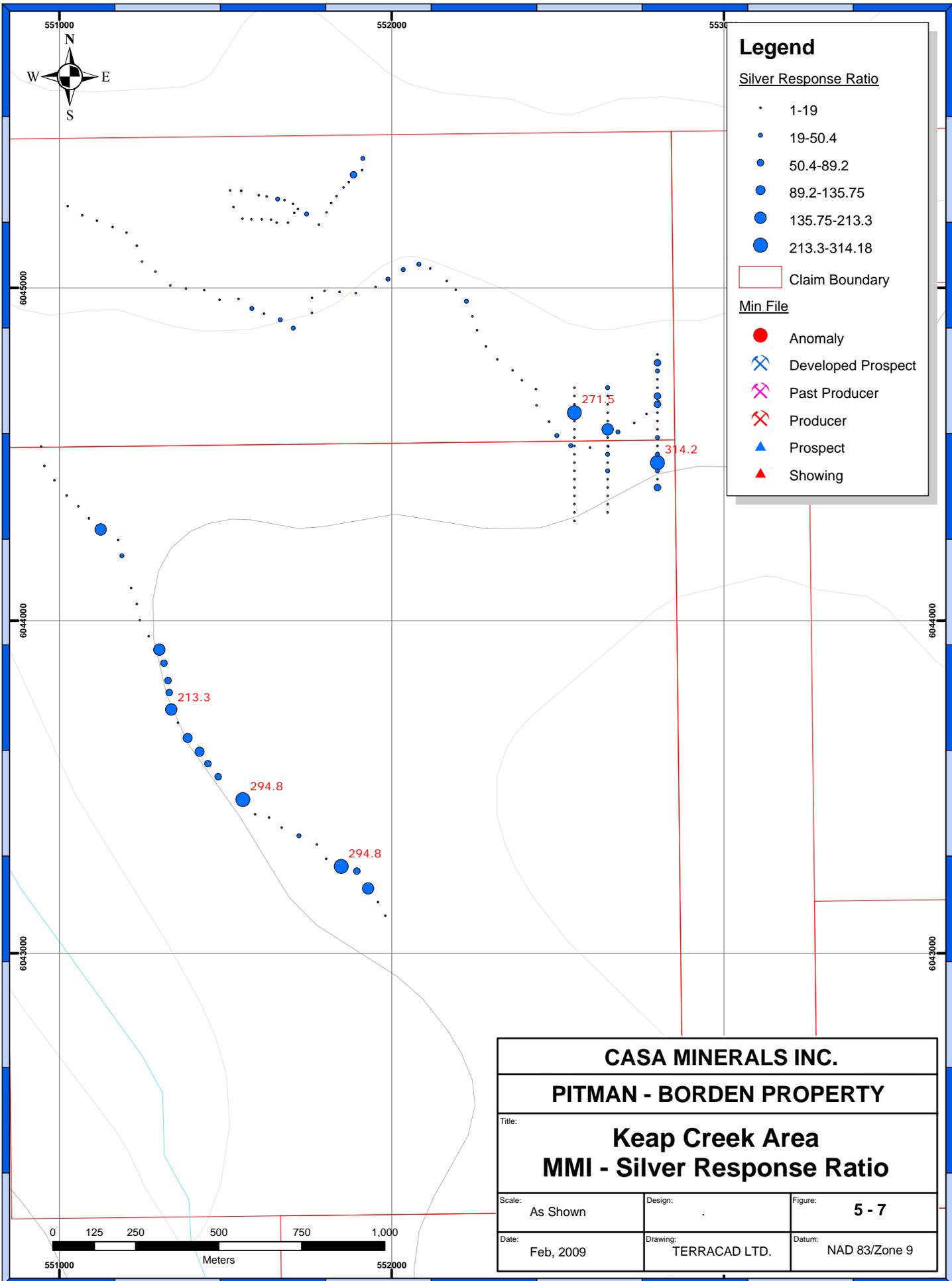
- Sample Location
- Claim Boundary

Min File

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keap Creek Area Sample Locations		
Scale: As Shown	Design: .	Figure: 5 - 7A
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9





Legend

Silver Response Ratio

- 1-19
- 19-50.4
- 50.4-89.2
- 89.2-135.75
- 135.75-213.3
- 213.3-314.18

Claim Boundary

Min File

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.

PITMAN - BORDEN PROPERTY

Title:

**Keep Creek Area
MMI - Silver Response Ratio**

Scale: As Shown

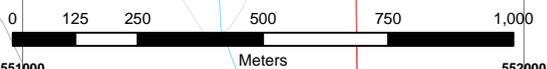
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Figure: **5 - 7**

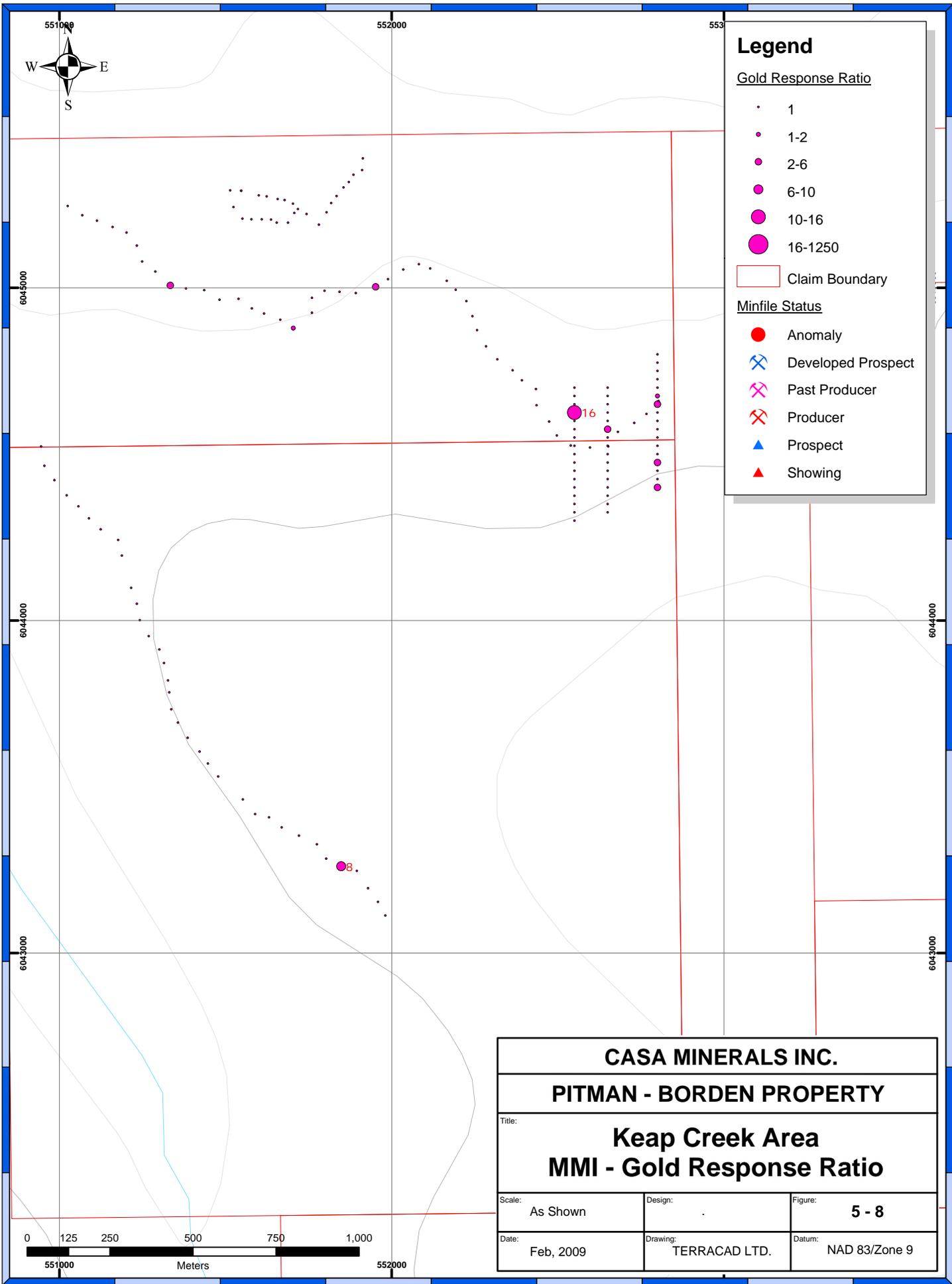
Date: Feb, 2009

Drawing: TERRACAD LTD.

Datum: NAD 83/Zone 9



551000 552000



Legend

Gold Response Ratio

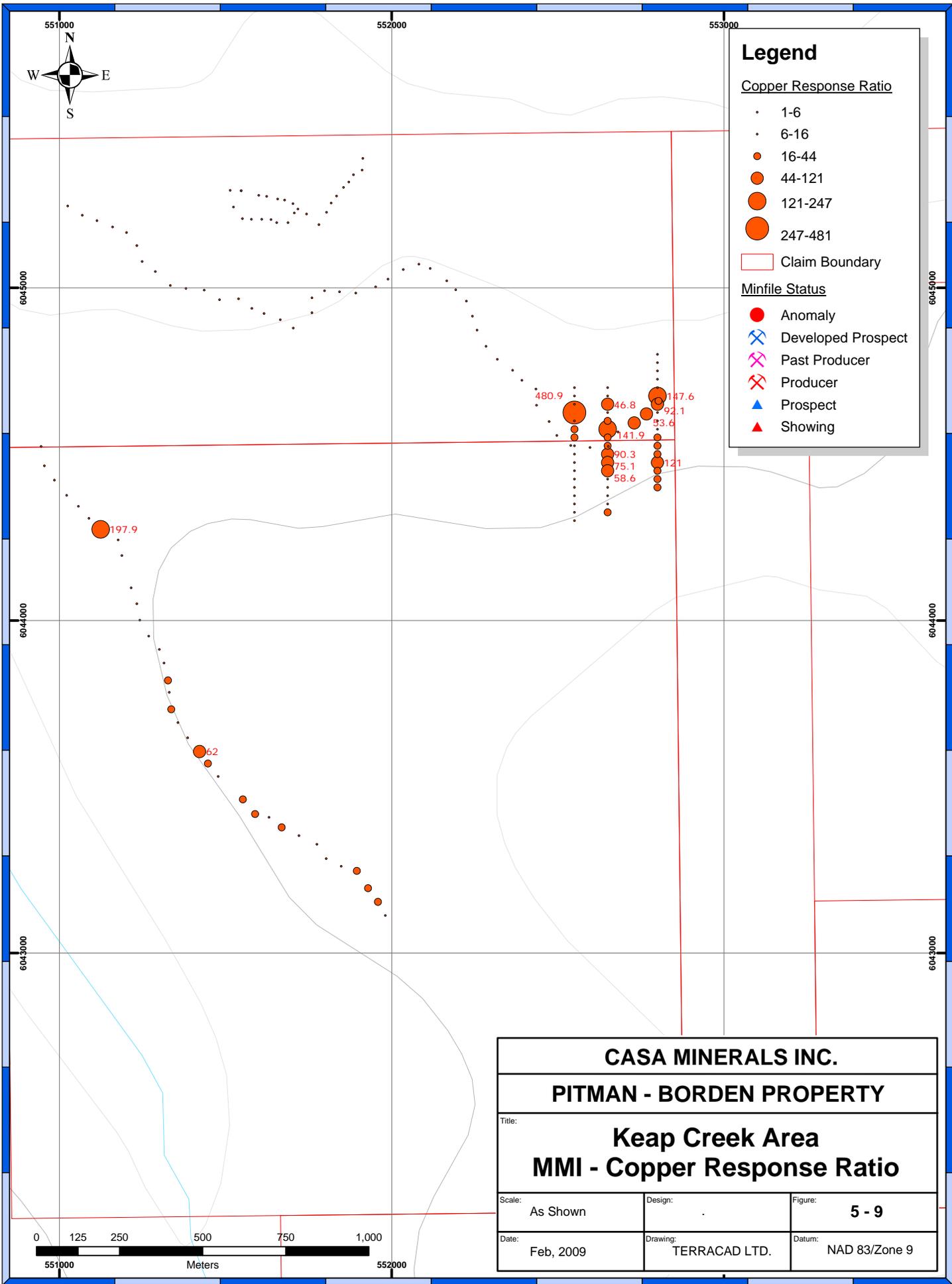
- 1
- 1-2
- 2-6
- 6-10
- 10-16
- 16-1250

□ Claim Boundary

Minfile Status

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keep Creek Area MMI - Gold Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 8
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Copper Response Ratio

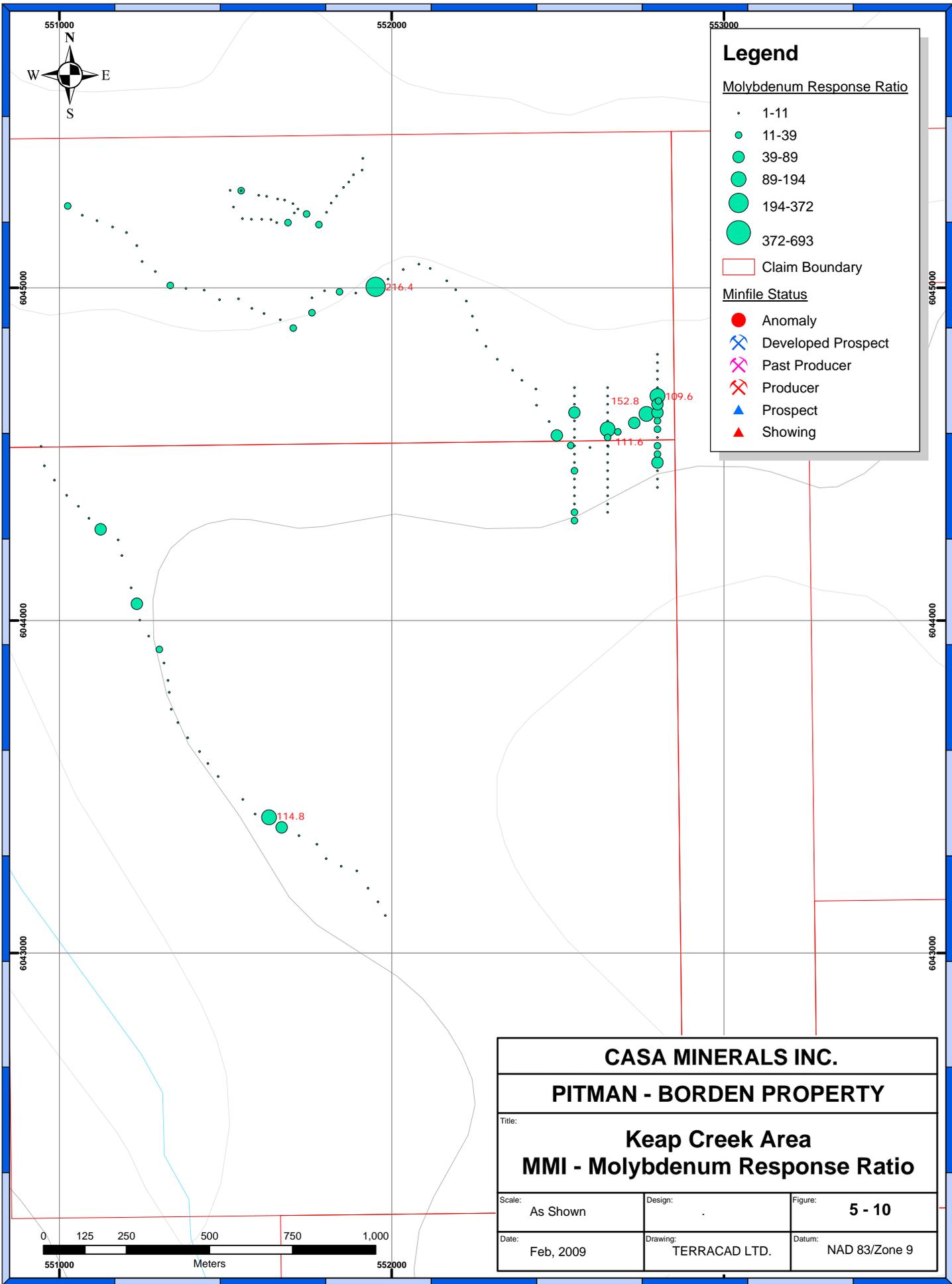
- 1-6
- 6-16
- 16-44
- 44-121
- 121-247
- 247-481

□ Claim Boundary

Minfile Status

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keep Creek Area MMI - Copper Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 9
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Molybdenum Response Ratio

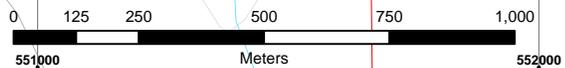
- 1-11
- 11-39
- 39-89
- 89-194
- 194-372
- 372-693

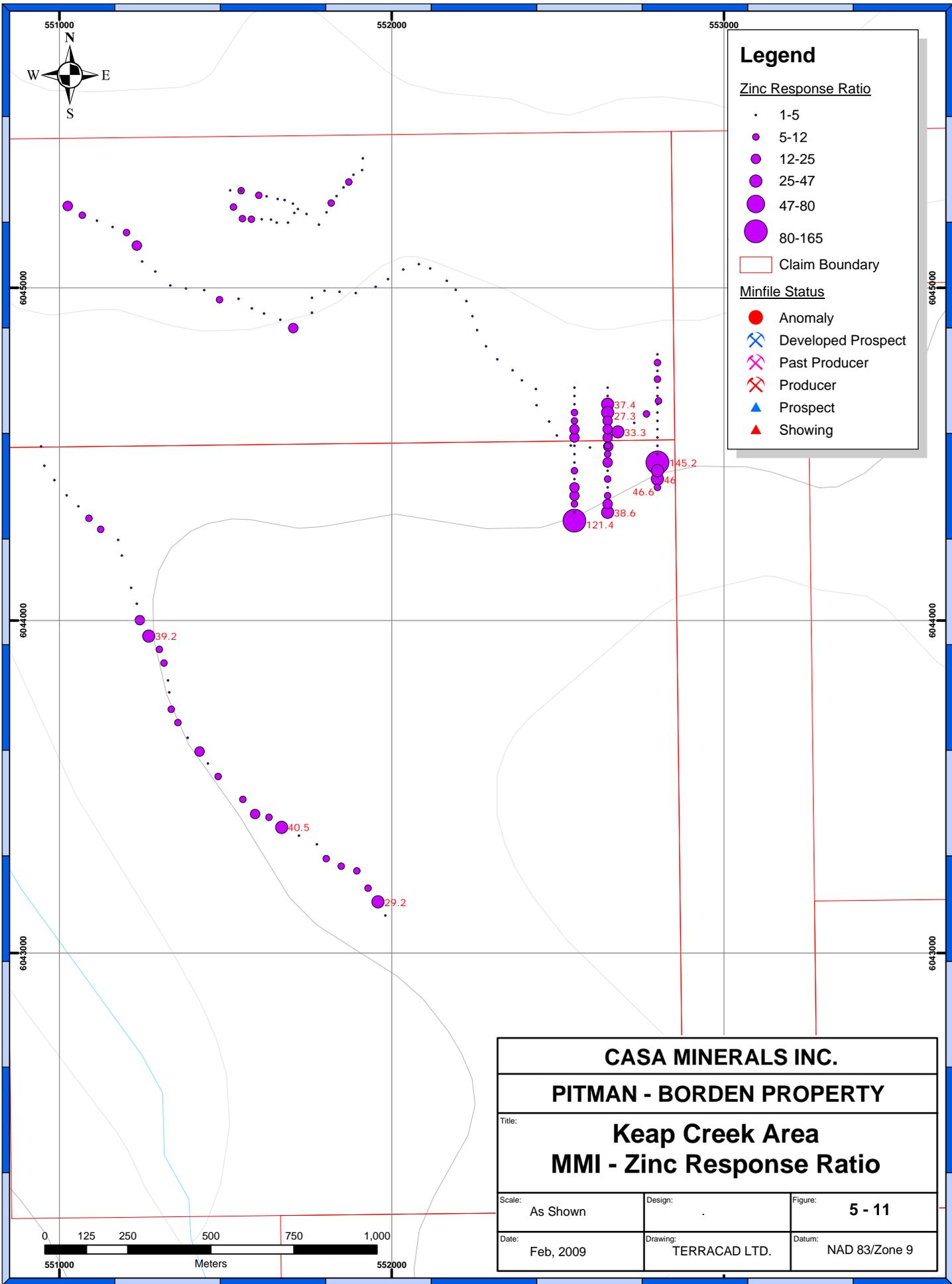
□ Claim Boundary

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keap Creek Area MMI - Molybdenum Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 10
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9





Legend

Zinc Response Ratio

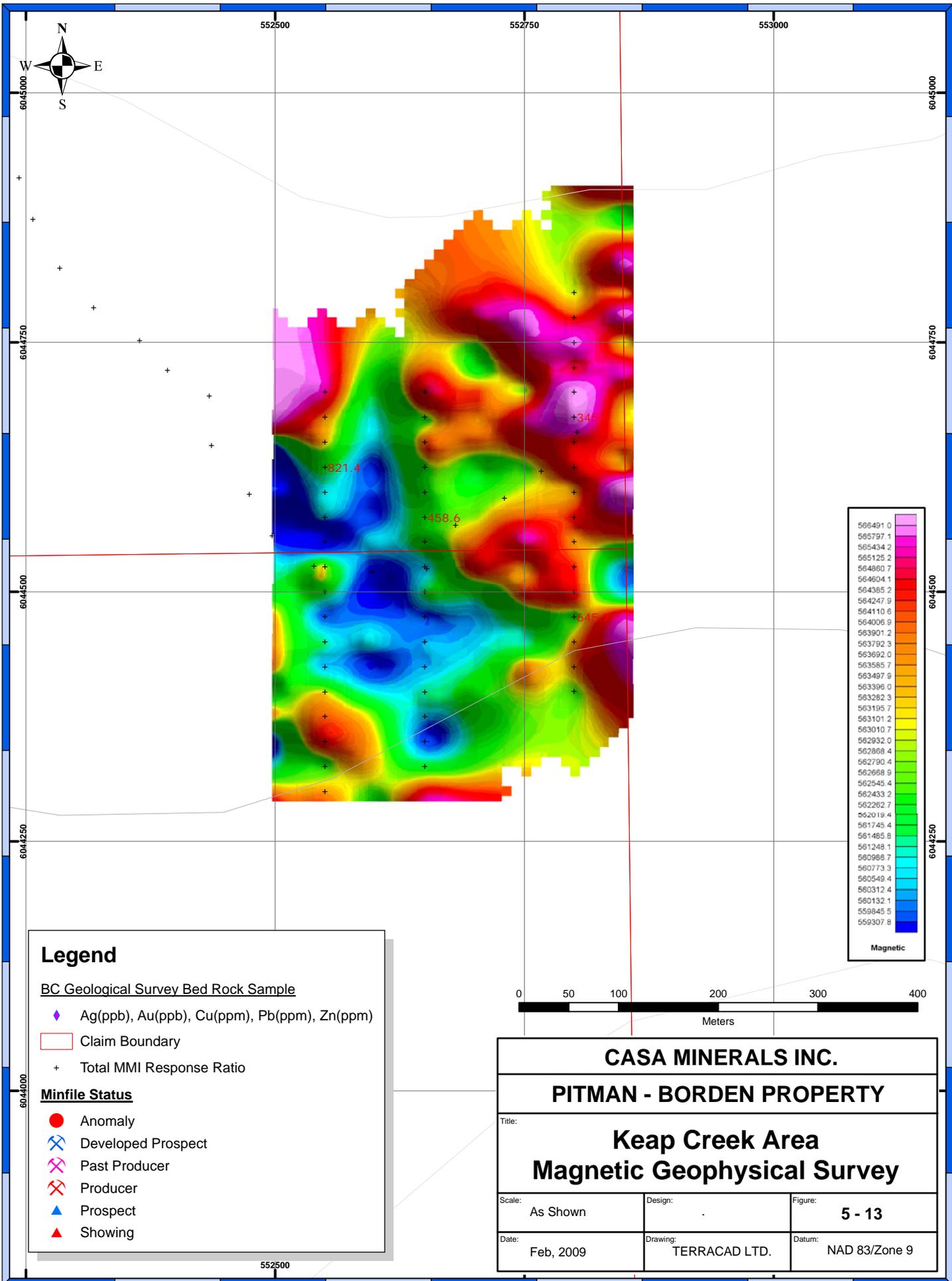
- 1-5
- 5-12
- 12-25
- 25-47
- 47-80
- 80-165

□ Claim Boundary

Minfile Status

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keap Creek Area MMI - Zinc Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 11
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



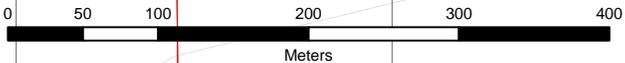
Legend

BC Geological Survey Bed Rock Sample

- ◆ Ag(ppb), Au(ppb), Cu(ppm), Pb(ppm), Zn(ppm)
- Claim Boundary
- + Total MMI Response Ratio

Minfile Status

- Anomaly
- ⚡ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing

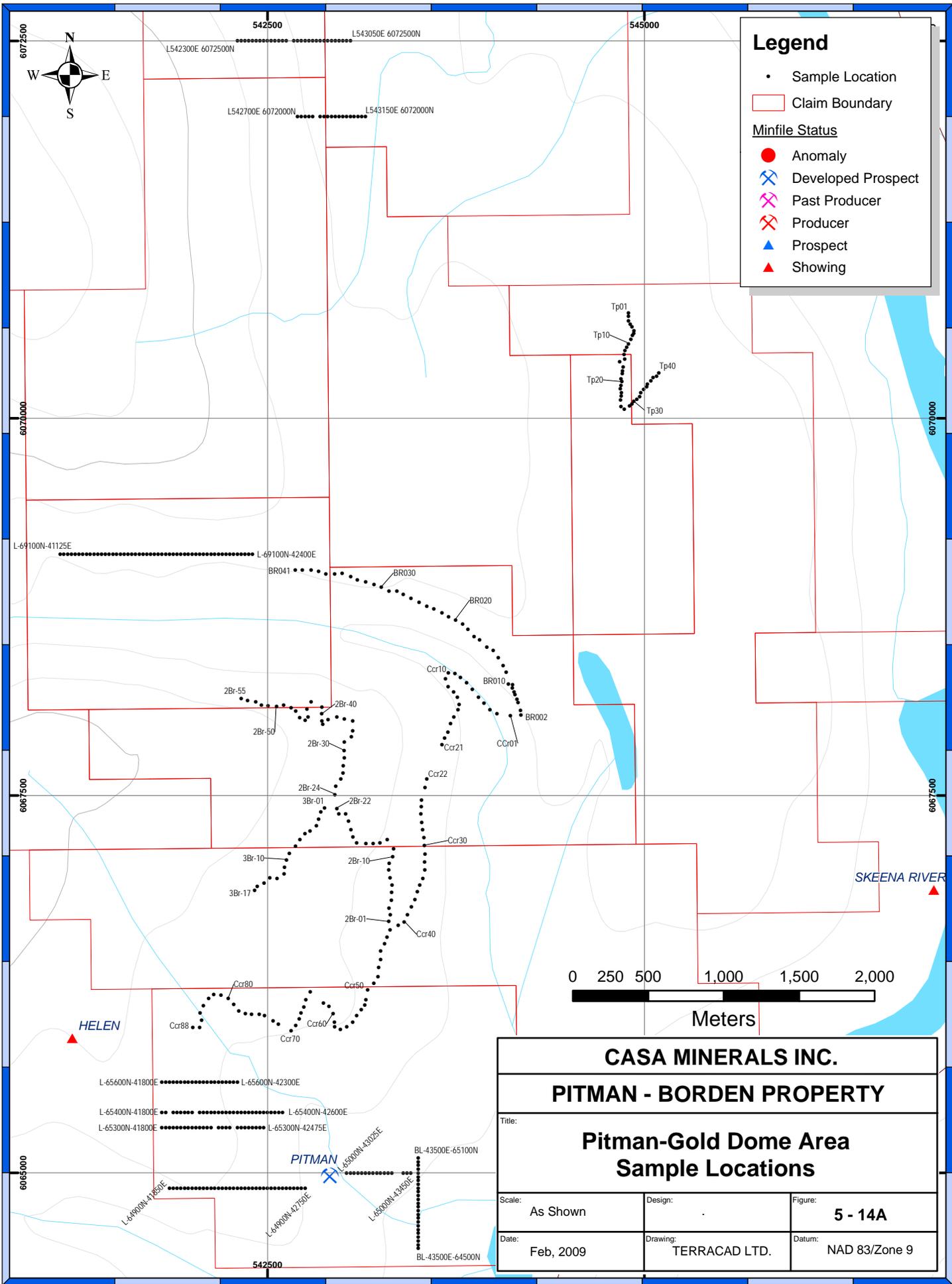


CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Keap Creek Area Magnetic Geophysical Survey		
Scale: As Shown	Design: .	Figure: 5 - 13
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

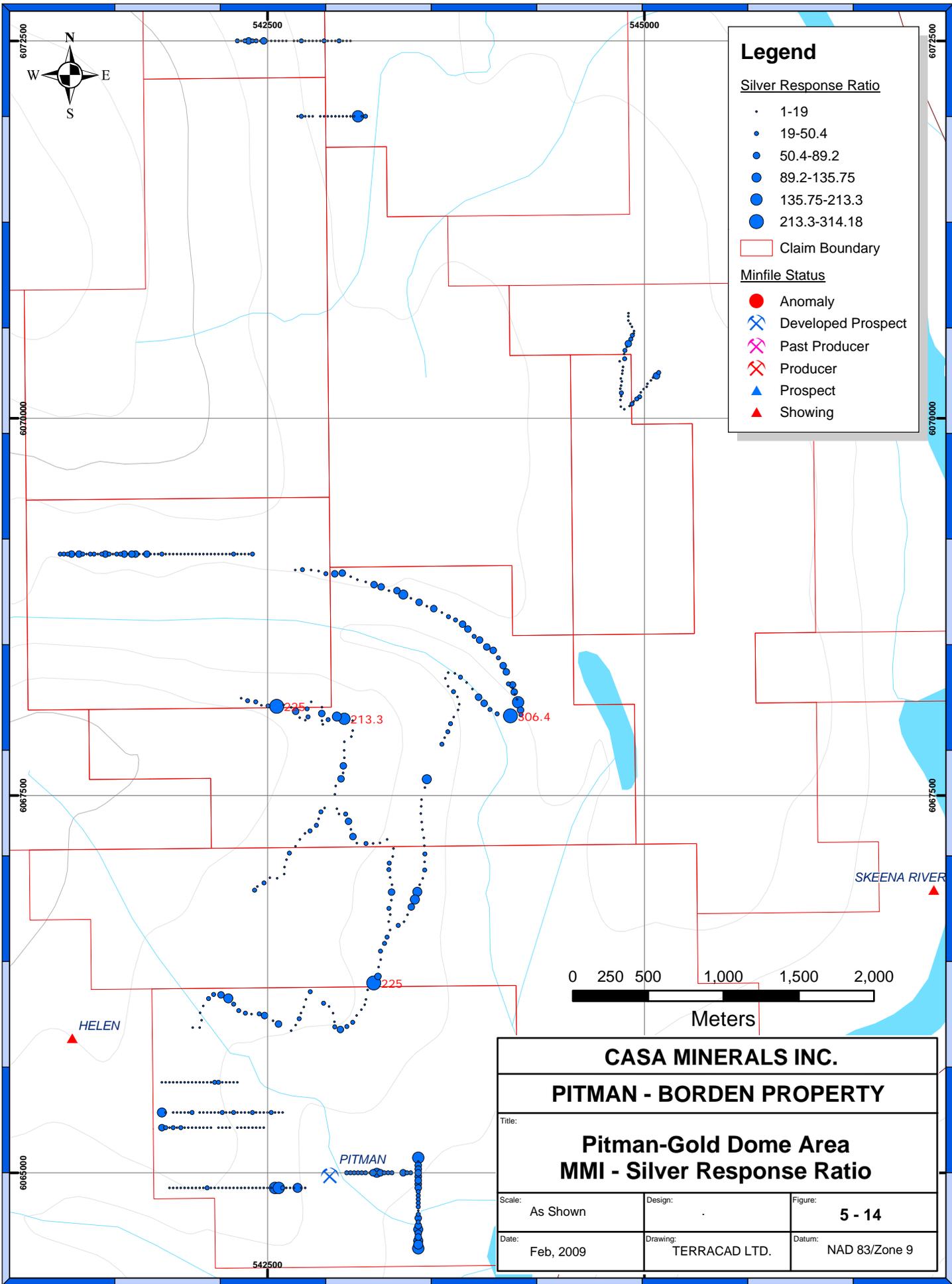
Pitman Gold Dome Area

The Pitman Gold Dome area comprises all tenures west of the Skeena River and includes the Pitman molybdenum prospect, and the Gold Dome, Linda and WoMo gold and molybdenum zones. MMI sampling was conducted along a network of logging roads and the survey extended from low elevation near the Skeena River to high elevation near the Gold Dome. Figures 5-14A to 5-18 illustrate the Response Ratios for silver, gold, copper, molybdenum and zinc, respectively and Figure 5-19 illustrates the Total Metallic Response Ratio for the survey. A small grid in the area immediately west of the Pitman prospect was MMI sampled and surveyed using a proton precession magnetometer (Figure 5-20).

The response ratios (RR) for Pitman-Gold Dome MMI samples are summarized as follows: silver RR – moderately strong, gold RR - erratic, weak, copper RR - weak, molybdenum RR – strong close to Pitman site, weak elsewhere, and zinc RR – variable from moderate to strong (probably not a reliable indicator). Total Metallic Response Ratio shows strength near Pitman site and on upper slope about 1.3 km north of Pitman site. Magnetometer observations on the small grid plotted in Figure 5-20 present an incomplete pattern and apart from showing a wide range of magnetic intensity are not helpful. Much broader grid coverage in that area is required.



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area Sample Locations		
Scale: As Shown	Design: .	Figure: 5 - 14A
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

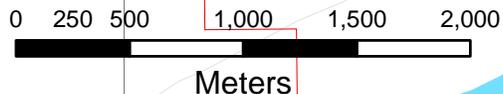
Silver Response Ratio

- 1-19
- 19-50.4
- 50.4-89.2
- 89.2-135.75
- 135.75-213.3
- 213.3-314.18

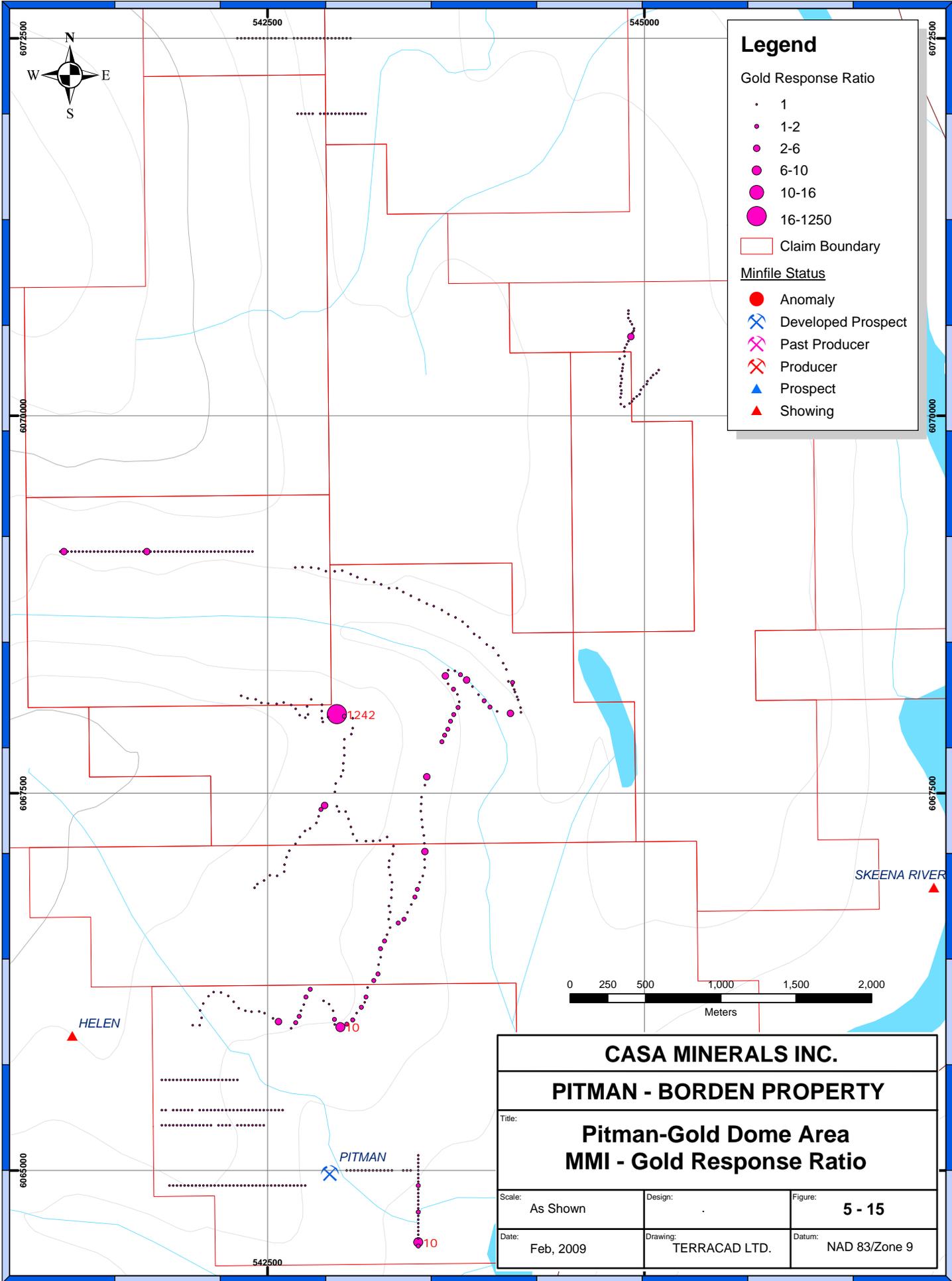
□ Claim Boundary

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area MMI - Silver Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 14
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Gold Response Ratio

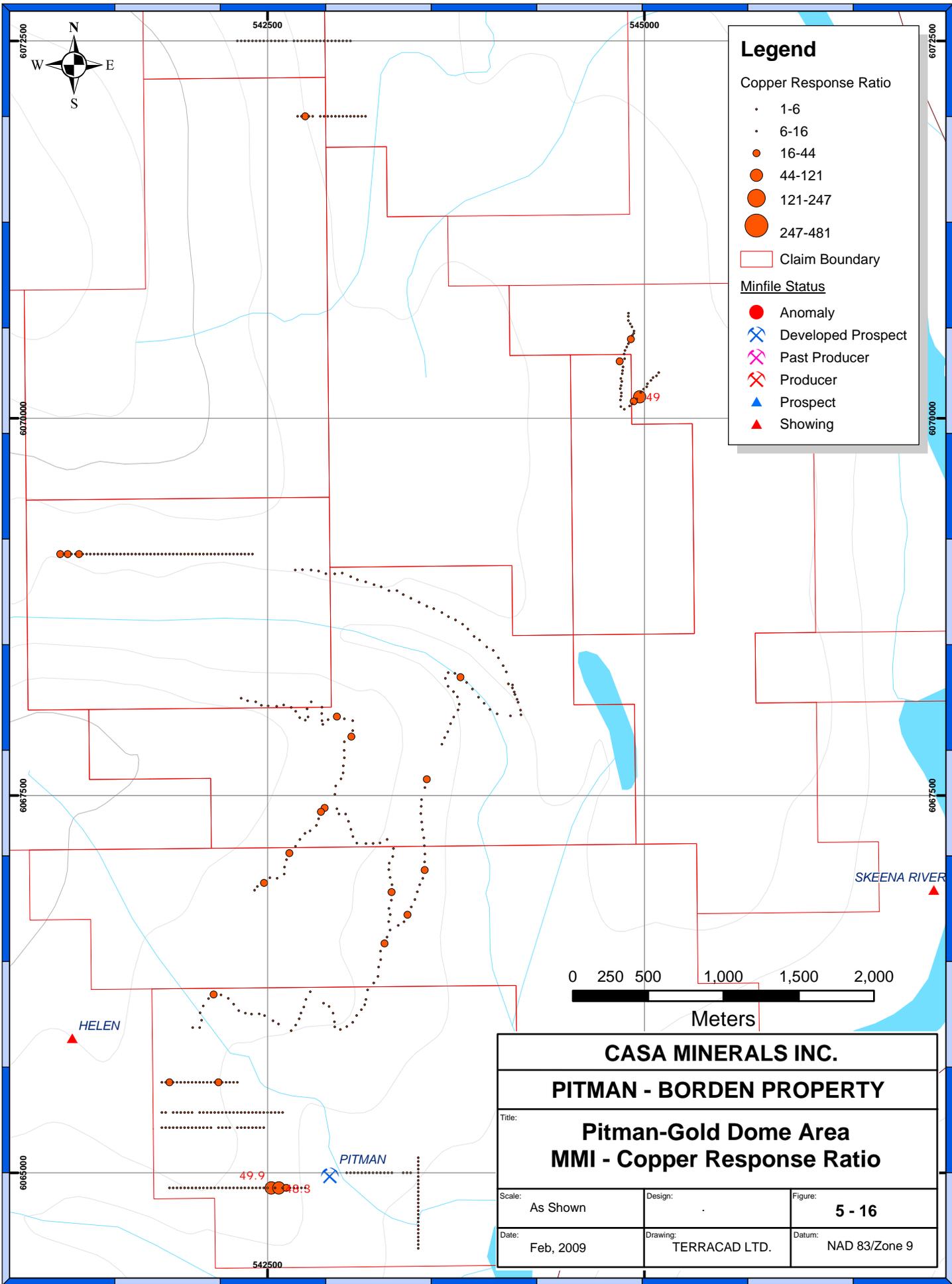
- 1
- 1-2
- 2-6
- 6-10
- 10-16
- 16-1250

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing

□ Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area MMI - Gold Response Ratio		
Scale: As Shown	Design:	Figure: 5 - 15
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Copper Response Ratio

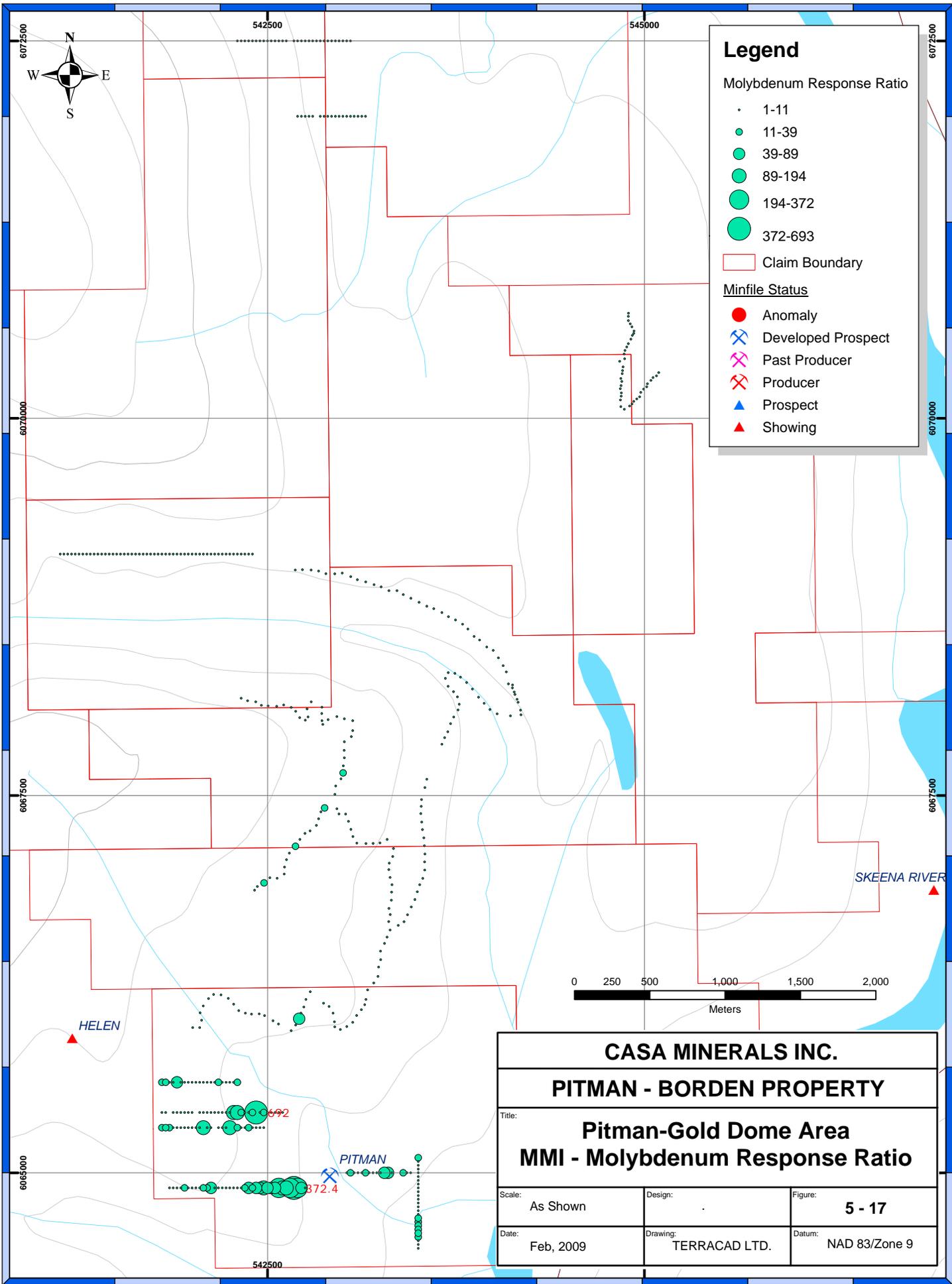
- 1-6
- 6-16
- 16-44
- 44-121
- 121-247
- 247-481

□ Claim Boundary

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area MMI - Copper Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 16
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Molybdenum Response Ratio

- 1-11
- 11-39
- 39-89
- 89-194
- 194-372
- 372-693

□ Claim Boundary

Minfile Status

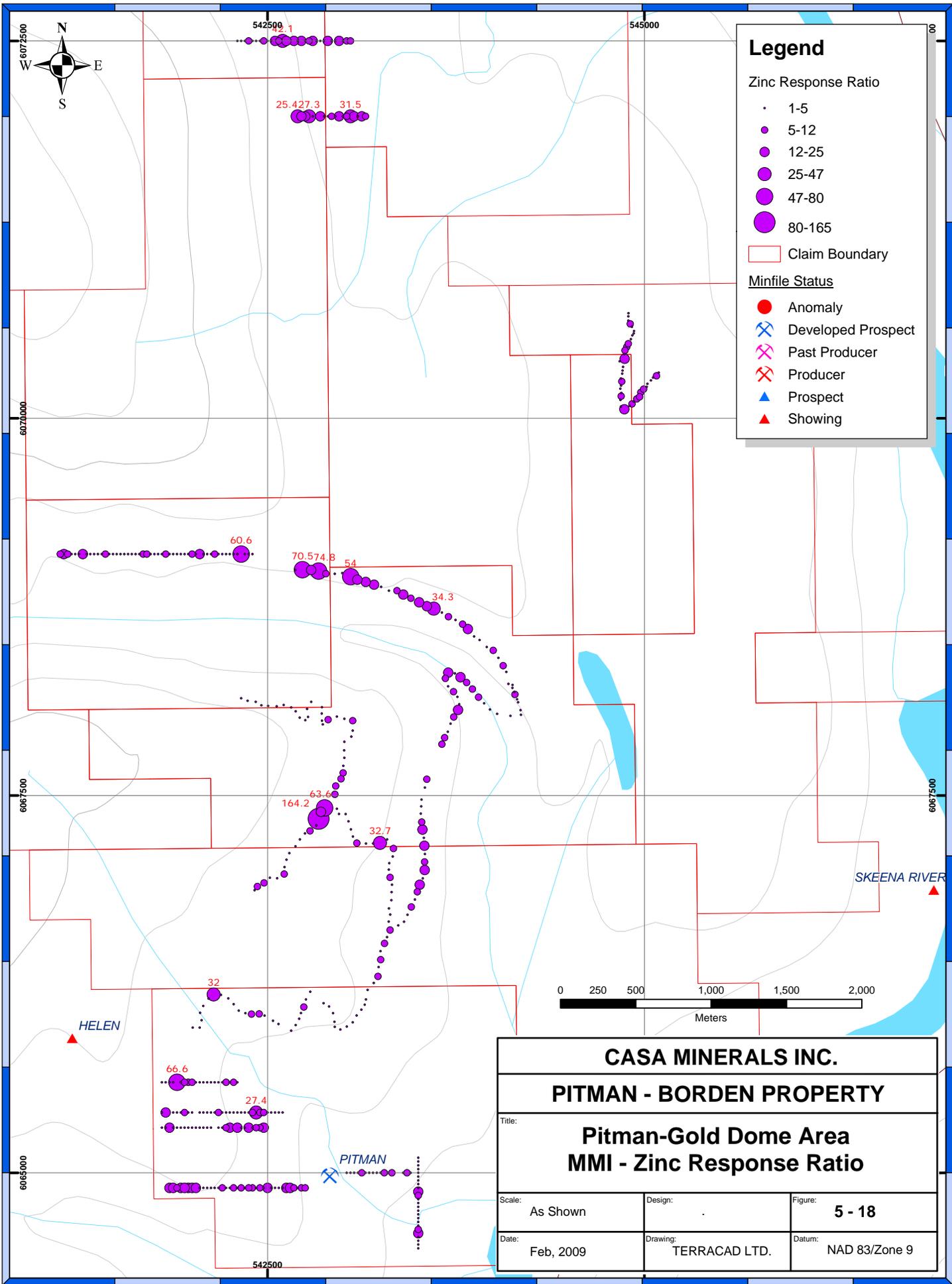
- Anomaly
- ⚡ Developed Prospect
- ⌘ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

CASA MINERALS INC.

PITMAN - BORDEN PROPERTY

Title: **Pitman-Gold Dome Area
MMI - Molybdenum Response Ratio**

Scale: As Shown	Design: .	Figure: 5 - 17
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

Zinc Response Ratio

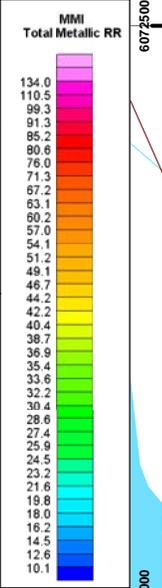
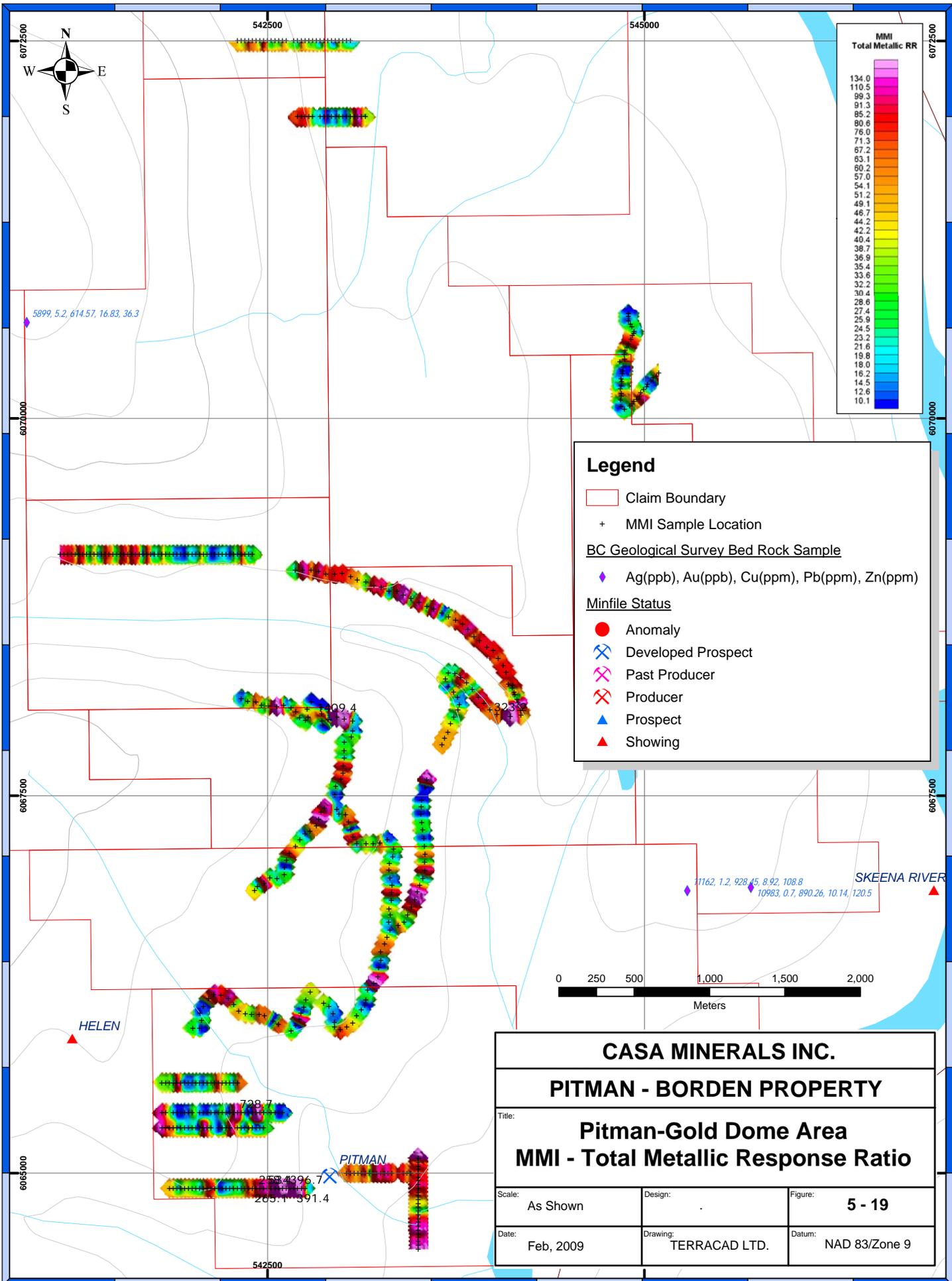
- 1-5
- 5-12
- 12-25
- 25-47
- 47-80
- 80-165

Minfile Status

- Anomaly
- ⚡ Developed Prospect
- ⚡ Past Producer
- ⚡ Producer
- ▲ Prospect
- ▲ Showing

□ Claim Boundary

CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area MMI - Zinc Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 18
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9



Legend

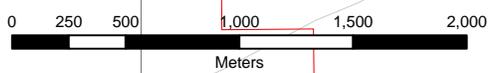
- Claim Boundary
- + MMI Sample Location

BC Geological Survey Bed Rock Sample

- ◆ Ag(ppb), Au(ppb), Cu(ppm), Pb(ppm), Zn(ppm)

Minfile Status

- Anomaly
- ⊗ Developed Prospect
- ⊗ Past Producer
- ⊗ Producer
- ▲ Prospect
- ▲ Showing



CASA MINERALS INC.		
PITMAN - BORDEN PROPERTY		
Title: Pitman-Gold Dome Area MMI - Total Metallic Response Ratio		
Scale: As Shown	Design: .	Figure: 5 - 19
Date: Feb, 2009	Drawing: TERRACAD LTD.	Datum: NAD 83/Zone 9

6.0 DRILLING

Casa Minerals Inc. has not undertaken any drilling on any of its mineral tenures. The Pitman molybdenum prospect was in the past explored by at least 14 diamond drill holes and BC Ministry of Energy, Mines and Petroleum Resources assessment report 07993 provides drill core logs and brief descriptions of the historic drilling (Kruchkowski, 1980). The mineral zone was intersected in most of the holes but the extent and orientation of a mineral zone was not determined.

7.0 SAMPLING METHOD AND APPROACH

A contract field crew of, variously, between four and seven persons, completed the 2008 program of property work on the Pitman-Borden tenures. Experience and skill levels of workers varied but crew chiefs were observed in the field to be competent to organize, supervise and implement the MMI soil sampling method and to complete the magnetic surveys. 824 samples were taken from, variously, small grids or traverses and many samples were from roadside locations, some of which may have been disturbed by construction and traffic.

MMI theory and methods are discussed in Section 5.0 of this report. Casa's data are presumed to be accurate and reliable but the MMI method is a relatively recent innovation that was developed in Australia where field conditions are quite unlike those in northern coastal British Columbia. It has been tried and demonstrated to be effective in many other parts of the world but is not accepted by all geoscientists as a good alternative to conventional soil survey practice.

The Pitman-Borden samples are believed to be of good quality and reasonably representative of the terrain. Data were received long after field season ended but follow-up work in the field to confirm or expand data from sites that gave apparently anomalous results is recommended.

The great majority of MMI sample analyses returned very low metal values, in the single and double digit ppb ranges. The higher values are, according to MMI technology and experience, significant as they represent the vertical migration of metal ions from a bedrock source. They cannot however be reliably correlated with conventional historic soil sample analyses that represent all soil components and are treated with a much more aggressive leach.

Note that much of the MMI sampling followed roads and geographic contours and cannot with ease be depicted in a report. The MMI analytical data base has been reviewed and areas of apparently high metal occurrences have been noted for future follow-up field inspection and sampling.

8.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

MMI soil samples were accumulated at the base camp (motel) as recommended by MMI Technology, until completion of the field work. Soil samples were placed in standard 'ziplock' type bags and then packed in an orderly manner in stout cardboard boxes. At the end of the job, all samples were shipped by commercial transport truck to the SGS Laboratory in Lakefield, Ontario. Due to the preliminary nature of the survey work and the fact that Casa Minerals Inc. was a closely-held, private, non-trading company, the project did not attract any particular interest in the community and there was no evidence of any interference of any kind with the samples.

The Casa Minerals Inc. project supervisor, Mr. Peter Burjoski, was not involved in any aspect of sample gathering or processing, all of which were under the care of the contractor's party chief and there were no opportunities for interference of any kind by either the public or by personnel identified with Casa Minerals Inc.

The SGS Laboratory in Lakefield, Ontario processed the Casa Minerals Inc. MMI soil samples following that laboratory's standard procedures. SGS has offered assaying, analysis and umpiring services for several decades and is an ISO 9002 accredited testing laboratory. No check assays, blanks, duplicates or standard samples were submitted to the laboratory but that facility regularly performs a number of internal quality control routines to ensure the integrity of its instruments and procedures.

In the authors' opinion, the analytical services provided with respect to the Casa Minerals Inc. samples are entirely appropriate and the analytical data can be unhesitatingly accepted as adequate for purposes of evaluating grassroots-stage samples.

The MMI method of applied geochemistry was introduced to the mineral exploration industry in 1992 and has found broad acceptance but, nonetheless, has to be implemented carefully.

9.0 DATA VERIFICATION

As discussed in the preceding section of this report, due to the early-stage nature of the investigation of the Pitman-Borden mineral tenures, no data verification procedures were implemented. If work progresses to a more advanced type of work, such as, for instance, detailed chip sampling of mineral zones or diamond drilling, it will be necessary to attend to security and quality assurance and quality control topics.

10.0 ADJACENT PROPERTIES

The Casa Minerals Inc. tenures are in many instances situated close to other "active" properties, several of which may have been investigated by their owners during the 2008 field season. No attempt was made to either identify or monitor such work.

TTM Resources Ltd. in 2007 investigated a molybdenum property located west of Skeena River and southwest of the Pitman prospect. TTM Resources Ltd. is a molybdenum-seeking junior company with other advanced-stage exploration projects in British Columbia. East of Skeena River, the Dardanelle property, a copper-gold prospect that has a long history, was being explored by a New Westminster-based prospector-geoscientist. Immediately east of the Borden part of Casa's claims, the 10,660 hectare Zymo copper-gold-silver porphyry property was explored in 2008 by a joint venture of Eastfield Resources Ltd. and Canadian Gold Hunter Resources Inc. that completed induced polarization surveys and a drilling program of 1,554.5 metres in six holes. Drilling was directed to the Hobbes Zone and the j.v. reported success in intersecting "...significant intervals of copper-gold mineralization..." in all drill holes (News release, Jan. 19, 2009). The Hobbes is closely associated with a strong magnetic anomaly with dimensions of at least 6 km by 2 to 3 km. A second area, the FM Zone, is located 4.5 km northeast of the Hobbes and is reported to be a porphyry-related high sulphidation gold-silver-zinc replacement occurrence (Eastfield website).

11.0 MINERAL PROCESSING AND METALLURGICAL TESTING

No part of the Pitman-Borden group of mineral tenures has been advanced to a stage where mineral processing or metallurgical testing would be appropriate.

12.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

No part of the Pitman-Borden group of mineral tenures has been advanced to a stage where mineral resource and mineral reserve estimates can be proposed or calculated.

13.0 OTHER RELEVANT DATA AND INFORMATION

This technical report includes all relevant data and information concerning the Pitman-Borden mineral tenures. The operator, Casa Minerals Inc., commenced work on the tenures during summer 2008 and has attempted to locate and place on record all available data, along with details of its 2008 field season work. A large amount of additional information concerning the regional geological setting, which is quite complex due to its location at the transition from the Coast Crystalline Belt to the Intermontane physiographic belt, is available in publications of the Geological Survey of Canada, the Geological Survey Branch of the B. C. Ministry of Energy, Mines and Petroleum Resources, in theses, and in technical papers published in juried periodicals and elsewhere. Such academic and technical discussions are beyond the scope of this report which is intended to provide a

description and evaluation of a series of mineral prospects that are at a "grassroots" or slightly more advanced stage. It is believed that the authors have presented a comprehensive technical report that is understandable and not misleading.

14.0 INTERPRETATION AND CONCLUSIONS

Casa Minerals Inc. has begun what may become a lengthy process of evaluating a very large and diverse array of mineral tenures, some of which have attractive possibilities of hosting worthwhile mineral deposits. The evaluation has to date been focused on some of the most accessible "target" areas and those with some history of exploration.

West of Skeena River, initial work by Casa during 2008 was directed to several areas of molybdenite mineralization and to polymetallic vein zones. Additional work is required to complete evaluation of the various areas. The authors have concluded that further work is fully justified and have outlined in general terms recommended programs of work to better evaluate the mineral tenures. Following completion of the recommended work, Casa Minerals Inc. will be able to focus its future efforts on the most prospective mineral zones.

East of Skeena River, Casa Minerals Inc. in 2008 completed initial work in the form of reconnaissance, prospecting and MMI soil sampling. Two areas were partially gridded and soil sampled: Clore Creek and Keap Creek (a tributary of Kleanza Creek). The company has received analytical data from those grids and although results are inconclusive, further work, including geophysical surveys (induced polarization and resistivity surveys) may be required.

14.1 Pitman Prospect

The Pitman molybdenum prospect has two known mineral zones exposed in steep terrain. One zone has been drilled with some success by two operators. Mineralization is hosted by the Carpenter Creek pluton that is also the site of several other molybdenum prospects and a small number of polymetallic vein occurrences. Historic work, including prospecting, soil geochemistry and drilling, has not determined the size and limits of the mineralization, nor has it exhausted the possibilities of finding extensions to the known zones nor the possibility of finding additional, new, similar occurrences. It is recommended that the Pitman area be further explored by prospecting, geochemical soil sampling, either conventional or MMI-type, and, if practical, a small amount of induced polarization and resistivity surveying. Three or four diamond drill holes should be directed to the area of historic drilling in order to confirm the old data and to expand the dimensions of the mineral zone or zones.

14.2 WoMo Prospect

The WoMo porphyry-style molybdenite zone is, speculatively, in the opinion of government geoscientists, possibly continuous with similar prospects exposed in nearby stream drainages. It has apparent dimensions of 1000 by 800 metres (MINFILE data) and comprises molybdenite and chalcopyrite mineralization in disseminations and quartz veins at and near the sheared and altered contact between granodiorite and hornfelsed sediments. The mineralization has not been drilled. The showings are near and higher than tree line and are accessible, for practical purposes, by helicopter. The zone and its possible continuations should be prospected, geologically mapped and explored by magnetic, induced polarization and resistivity surveys to



determine the relationship between WoMo and nearby mineral zones. Diamond drilling will almost certainly follow.

14.3 Gold Dome Prospect

The Gold Dome quartz veins carry gold, silver and base metal mineralization. Past exploration appears to have focused on the individual veins, which are narrow, and exploration in search of a larger shear-related mineral zone may be more rewarding.

Geological mapping and geochemical sampling will determine the overall dimensions of the zone that will then have to be confirmed by diamond drilling. Gold Dome is aligned with WoMo and Lynda prospects and there may be a subtle geologic structure that can be used as an exploration tool.

14.4 Lynda Prospect

The Lynda prospect has characteristics of a porphyry-style molybdenum-copper deposit. It is situated in a complex of granitic intrusions, and volcanic and sedimentary rocks and is host to molybdenite and minor chalcopyrite in quartz-pyrite veins. Prevailing alteration includes strong sericitization and local feldspathization (MINFILE data) that extends onto adjoining mineral tenures. The Lynda area should be prospected, geologically mapped, soil sampled and surveyed with magnetic, induced polarization and resistivity methods. Diamond drilling is likely to be required in order to further define the mineral zone or zones.

14.5 Clore Creek Prospect

The Clore Creek tenures are located in an area where strikingly high metal values were obtained by government geologists from chip samples. Initial prospecting by Casa Minerals personnel found disseminated sulphide mineralization in andesitic volcanic rocks and an MMI soil sample grid was placed over the principal area of interest. Analytical results were mildly encouraging and further investigations are warranted.

14.6 Keap Creek Prospect

Keap Creek, a tributary of Kleanza Creek, features a number of fractures with quartz and pyrite mineralization. Regional work by government geologists identified high gold (26.5 ppb) and extremely high silver values (2,232,000 ppb) in one rock sample. Casa Minerals conducted preliminary prospecting work and grid sampled part of the most prospective area. Analytical results from MMI-type samples are mixed and further work is required.

14.7 West Zymo Area

The northeast part of the Borden area mineral tenures is located adjoining the west side of the Zymo copper-gold-silver porphyry and porphyry-related high sulphidation replacement prospects. This relatively new discovery area comprises at least two distinct mineral zones related to large geophysical anomalies that are approximately 4 km apart. Exploration by diamond drilling and technical surveys under the direction of Eastfield Resources Ltd. and Canadian Gold Hunter Resources Ltd. is continuing. The latter company has stated in a news release that "The geological and geochemical data clearly show that the Zymo mineralizing and alteration system is very large, exceeding 15 square kilometres...".



Casa Minerals Inc. tenures adjoin the west side of the Zymo property and may be the host of similar mineralization. No field work was directed to that part of the Pitman-Borden property in 2008.

15.0 RECOMMENDATIONS

The following recommendations are organized in two parts: West of Skeena River and East of Skeena River. Each part is divided into phases: Phase 1 is prospecting and technical survey work that will have as its objective the defining of drillable targets; Phase 2, which is dependent upon a positive evaluation of Phase 1, recommends diamond drilling of one or more and, possibly all, of the targets.

15.1 Phase 1. West of Skeena River

The Pitman, WoMo and Lynda molybdenite prospect areas and the Gold Dome gold, et al., property should be carefully prospected, geologically mapped, and sampled by suitably trained and equipped persons to further outline their size and characteristics. As necessary, a two or four person crew equipped with complete camp gear and suitable communications should be positioned in a temporary camp by helicopter in proximity to each prospect. The crew will prospect, map and sample the mineral zones and then arrange to be re-supplied, if necessary, and moved to another site. Because of the difficult and hazardous field conditions in the area it will be desirable to have an expediter or other company representative in Terrace to maintain contact with the field crew. Following assessment of the prospecting and geological work, a geophysical survey crew should complete, where warranted, an induced polarization and resistivity survey to better define the areas of apparent merit. All property data should then be reviewed and, again where warranted, target areas should be explored by one or more diamond drill holes. The latter stage of work is described as Phase 2 in the following paragraphs.

The following assumptions are used for planning purposes and the costs are estimates.

Four person crew, helicopter support, four areas to be worked, duration of program - one month, with one week at each site:

Proposed budget for **Phase 1** work west of Skeena River

Project planning, permitting and supervision -	\$ 15,000
Mobilization and demobilization of field crew-	\$ 5,000
Accommodation and living costs in Terrace	\$ 3,000
Expediter in Terrace -	\$ 2,500
Rental vehicles as needed in Terrace	\$ 4,600
Camp equipment, tools, special gear	\$ 2,000
Camp costs - propane, groceries -four persons -	
30 days @ \$50/person/day	\$ 6,000
Analyses - soil samples, rock samples	\$ 3,000
Helicopter service - 6 hours per week - four weeks-	
24 hours @ \$1100/hour	\$ 26,400
Wages - geologist-party chief - 40 days @ \$500/day	\$ 20,000
Senior assistant - 35 days @ \$350/day	\$ 12,250



Helpers -	two for 30 days @ \$200/day	\$ 12,000
Contract geophysical crew - assume induced polarization survey method and allow 10 line kms at each of four sites - 40 line km @ \$1500/line km		\$ 60,000
Extra costs for geophysical survey, including helicopter support, stand-by charges, reporting and evaluation		\$ 30,000
Data assembly and report preparation		<u>\$ 25,000</u>
Estimated cost of Phase 1 - west of Skeena River		\$226,750
Contingency allowance for unscheduled costs @ 15%		<u>\$ 34,013</u>
Total Phase 1 - West of Skeena River -		<u>\$260,763</u>

[Phase 2 will follow Phase 1 if results from that exploration work are sufficiently positive.]

Phase 2 - West of Skeena River

Assume for planning purposes that three sites will be further explored by diamond drilling.

Diamond drilling - allow 15 holes, each 100 metres = 1500 metres, drilling costs including mob and demob - \$100/metre		\$150,000
Company costs - core processing, logging, sampling, analyses, etc.	@ \$50/metre	\$ 75,000
Transportation costs - helicopter - 3 hr/day for 40 days @ \$1100/hour		\$132,000
Project management, evaluation and reporting		\$ 35,000
Estimated cost of Phase 2		\$392,000
Contingency allowance for unscheduled costs @ 15%		<u>\$ 58,800</u>
Total Phase 2 - West of Skeena River		<u>\$450,800</u>
Total Budget Amount - West of Skeena River - Phase 1 + Phase 2 -		\$711,563

15.2 East of Skeena River

Work east of Skeena River may be organized separately from work west of the River and require a separate field crew that will work somewhat independently from the former. Accommodation, supervision and expediting arrangements in Terrace will benefit both project areas. Alternatively, the single crew could complete work west of the Skeena River and then proceed to the east side. That schedule would ensure continuity and facilitate quality control at the cost of prolonging the field season and increasing costs of supervision.

Much of the work on tenures located east of Skeena River can be conducted using four wheel drive equipped vehicles on logging roads. The West Zymo area may be accessible from the east side of the mountain range or may require helicopter assistance. and logistics may determine that the field crew for West Zymo should work from Smithers rather than from Terrace. Mineral tenures in the West Zymo area should be prospected and stream sediments from all streams should be collected and analysed. The Clore Creek and Keap Creek prospect areas, with access from Terrace, should be further prospected and sampled.



For planning purposes, assume a four person field crew with a FWD vehicle and accommodation at a commercial facility in Terrace or nearby. There is no provision in this estimate for Phase 2 work nor for diamond drilling work of any kind but the latter option is, of course, available if dictated by results obtained in Phase 1.

Work will comprise further grassroots type prospecting, geological reconnaissance and geochemical soil sampling. Time required will be one month.

Project planning and supervision	\$ 8,000
Mobilization and demobilization of four person crew	\$ 3,000
Expediter in Terrace	\$ 2,500
Accommodation - motel with restaurant meals – allow \$65/person/day for thirty days	\$ 7,800
Vehicle rental and operating costs	\$ 4,000
Allowance for helicopter support as required - ten hours @ \$1100/hour	\$11,000
Equipment, consumables and special	\$ 1,500
Assays and analyses	\$ 2,500
Wages - party chief/geologist @ \$450/day for forty days	\$18,000
prospector @ \$300/day for thirty days	\$ 9,000
two helpers @ \$200/day for thirty days	\$12,000
Data assembly and report preparation	<u>\$18,000</u>
Estimated cost of work east of Skeena River -	\$107,300
Contingency allowance for unscheduled costs @ 15%	<u>\$16,095</u>
Total budget amount for work east of Skeena River	\$123,395
Total budget amount for Phase 1 and Phase 2 for work west of Skeena River <u>plus</u> Phase 1 work east of Skeena River	<u>\$834,958</u>



16.0 REFERENCES

Cooke, D. L., 1982, Assessment Report, Rock Geochemistry, Trenching and Chip Sampling on the WoMo Claims, Carpenter Creek Area, Omineca Mining Division, B. C., 54°47' N; 128°22'W, assessment report #10,440, ARIS, Geol. Surv. Branch, Ministry of Energy, Mines and Petroleum Resources

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17.0 CERTIFICATES OF AUTHORS

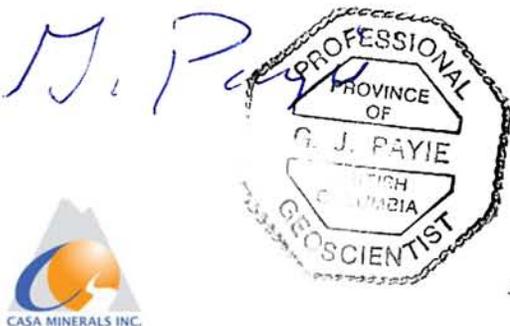
17.1 GARRY PAYIE, P. Geo.

3714 Raymond Street South
Victoria, B. C., V8Z 4K1

I, Garry Payie, P. Geo., do hereby certify that

1. I am a consulting geologist and principal of Total Earth Science Services.
2. I graduated in 1983 with a Bachelor of Science degree in Geological Sciences from the University of British Columbia, Vancouver, British Columbia.
3. I am a geoscientist member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia, member no. 19009.
4. I have worked as a geologist for more than 25 years since my graduation from university.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and hereby certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible jointly with Erik A. Ostensoe, P. Geo. for the preparation of all sections of the Technical Report titled "TECHNICAL REPORT, PITMAN-BORDEN PROPERTY, SKEENA RIVER AREA, OMINECA MINING DIVISION, NORTHWESTERN BRITISH COLUMBIA, CANADA" dated October 20th, 2009. I examined parts of the Casa Minerals Inc. mineral tenures from September 26 to 28, 2007 and from July 30 to 31, 2008.
7. I have had prior involvement with parts of the Terrace, B. C. area mineral properties that are the subject of the Technical Report through previous claim ownership: at one time I owned tenures that are now covered by parts of the present tenures. I am at "arm's length" from Casa Minerals Inc.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the issuer applying all of the tests of section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 20th day of October, 2009.



17.2 ERIK A. OSTENSOE, P. Geo.

4306 West 3rd Avenue
Vancouver, B.C., V6R 1M7.

I, Erik A. Ostensoe, P. Geo., do hereby certify that:

1. I am a consulting geologist.
2. I graduated with a Bachelor of Science degree in Honours Geology from the University of British Columbia in 1960. In addition, in 1966 I completed course requirements for a Master of Science degree in Geology at Queen's University, Kingston, Ontario,
3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, member no. 18,727, and of the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists, licensee L1943.
4. I have worked as a geologist for more than forty-five years since my graduation from university.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and hereby certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible jointly with Garry Payie, P. Geo. for the preparation of all sections of the Technical Report titled "TECHNICAL REPORT, PITMAN-BORDEN PROPERTY, SKEENA RIVER AREA, OMINECA MINING DIVISION, NORTHWESTERN BRITISH COLUMBIA, CANADA" dated October 20, 2009. I examined parts of the Casa Minerals Inc. mineral tenures located east of Skeena River on July 25 and October 5, 2008 and parts of the mineral tenures located west of Skeena River on October 6, 2008.
7. I have not had prior involvement with the Terrace, B. C. area mineral properties that are the subject of the Technical Report and I do not own any mineral tenures in the Omineca Mining Division of British Columbia. I am a Director and shareholder of Casa Minerals Inc. and as such am not at arm's length from that Company
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am not independent of the issuer applying all of the tests of section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 20th day of October, 2009.


Erik A. Ostensoe, P. Geo.



Geotronics Charges for Field Work and Laboratory:	
Mob/demob share for first trip	\$ 1,950.00
Mob/demob share for second trip	\$ 7,400.00
MMI Survey, 2-man crew, 8 days @ \$800/day	6,400.00
MMI Survey, 3-man crew, 6 days @ \$1,100/day	6,600.00
MMI Survey, 4-man crew, 9 days @ \$1,400/day	12,600.00
MMI Survey, 7-man crew, 6 days @ \$2,950/day	17,700.00
MMI Survey, 9-man crew, 3 days @ \$3,700/day	11,100.00
Courier costs for sample shipping	1,564.00
Laboratory testing of 1,475 samples @ \$37/sample	<u>\$54,575.00</u>
TOTAL	\$119,889.00

Note: MMI Survey crew charges are for personnel, survey supplies, truck rental and some room and board that was not paid for by client.

STATEMENT OF EXPENDITURES (revised)

To accompany "Technical Report, Pitman-Borden Properties, Skeena River Area, Omineca Mining Division, Northwestern British Columbia", dated March 10, 2009, by Garry Payie, P. Geo. and Erik A. Ostensoe, P. Geo. for Casa Minerals Inc.

The following expenditures were incurred in field work, analytical services, data processing and report preparation related to the accompanying technical report:

Geotronics Consulting Inc** August 30, 2008, invoice no. 08-26A	\$58,897.65
October 31, 2008, invoice no. 08-26B	\$43,267.35
November 24, 2008, invoice no. 08-26C	\$28,243.95
Farshad Shirvani, project manager, ten days @ \$600/day	\$ 6,000.00
Peter Burjoski, project field manager, one month at \$5000/month	\$ 5,000.00
Garry Payie, P. Geo., consulting geologist, independent QP, field examination and report preparation	\$ 5,400.00
Erik Ostensoe, P. Geo., consulting geologist, data assembly, field examination and report preparation, including expenses – invoice dated October 14, 2008	\$ 2,544.00
invoice dated June 3, 2009	\$ 4,410.00
Other expenditures, including P. Burjoski, living expenses in Terrace, B. C., motel, restaurant meals, groceries at \$80/day for one month	\$ 2,400.00
FWD truck rental, one month at \$100/day	\$ 3,000.00
Truck expenses, servicing, gas, one month at \$50/day	\$ 1,500.00
Report preparation – data acquisition and processing, map preparation, secretarial, printing, binding, computer usage, allow	<u>\$ 2,000.00</u>
Total expenditures – Pitman-Borden Property, fall 2008	\$162,662.95
Less ineligible charges per Geotronics statement (attached)	<u>\$ 10,519.95</u>
Total expenditures (revised) per SOW 4245802, 4255512 & 42639338	<u>\$152,662.00</u>

APPENDIX

MMI Sample data and MMI Sample locations



Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
Ccr01	79	176	<10	0.2	350	<1	<10	26	53	26	<100	340	49	27.8	8.5	25	38	24	<5	1	<5	<0.5	93	70	240	<1	17	<1	135	<1	70	28	<1	30	<1	7	<10	3.5	119	<0.5	4	<1	253	19	140	13
Ccr02	12	238	30	<0.1	1110	<1	70	14	144	40	<100	280	53	23.8	16.6	54	68	68	<5	4	12	3.8	177	91	480	<1	30	<1	217	<1	47	50	<1	490	<1	10	<10	6.7	2640	<0.5	40	1	290	14	80	26
Ccr03	10	240	<10	0.1	740	<1	<10	20	9	33	<100	380	8	8.8	0.7	51	3	5	<5	1	<5	0.8	6	91	170	<1	1	<1	106	<1	25	2	<1	80	<1	<1	<10	3.2	253	<0.5	6	<1	39	7	110	11
Ccr04	16	235	<10	0.1	340	<1	<10	12	10	16	<100	380	4	2.7	0.6	92	2	4	<5	<1	<5	1.1	5	56	150	<1	1	<1	84	<1	12	1	<1	50	<1	<1	<10	3.7	178	<0.5	7	<1	12	2	150	18
Ccr05	21	222	<10	<0.1	360	<1	<10	29	24	49	<100	190	13	9.5	2.4	37	9	20	<5	4	<5	0.8	28	55	280	<1	6	<1	168	<1	13	7	<1	80	<1	2	<10	6.3	208	<0.5	13	<1	82	7	520	5
Ccr06	2	234	<10	<0.1	340	<1	40	27	16	13	<100	60	2	1.5	0.6	54	3	9	<5	8	<5	2.5	8	36	380	<1	2	<1	5	<1	11	2	<1	130	<1	<1	<10	23.8	565	<0.5	6	<1	11	1	740	8
Ccr07	4	214	<10	0.3	6030	<1	130	7	350	10	<100	650	173	77.7	43.4	10	180	239	<5	15	<5	<0.5	507	38	380	<1	95	<1	136	<1	279	132	<1	1490	<1	30	<10	10.6	164	0.7	86	<1	1060	47	640	11
Ccr08	9	131	100	0.1	3270	2	180	37	286	136	<100	1220	47	22.2	19.3	153	71	116	<5	9	26	7.3	227	235	380	<1	43	<1	67	8	77	58	<1	570	<1	9	<10	16.1	1710	<0.5	12	2	251	17	1050	67
Ccr09	3	152	20	<0.1	840	<1	20	11	21	33	<100	150	4	4.4	0.8	290	2	10	<5	3	<5	8.5	9	152	50	<1	2	<1	68	<1	17	2	<1	260	<1	<1	<10	5.3	1770	<0.5	4	<1	19	5	130	21
Ccr10	1	130	<10	<0.1	520	1	<10	12	19	22	<100	120	1	0.9	<0.5	69	1	8	<5	4	<5	9.8	7	71	190	<1	2	<1	22	<1	29	2	2	180	<1	<1	<10	9.2	1240	<0.5	1	<1	6	<1	850	20
Ccr11	4	161	<10	0.2	430	<1	50	7	12	29	<100	280	6	5.1	0.6	212	3	5	<5	7	<5	3.4	6	66	70	<1	1	<1	20	<1	12	2	<1	180	<1	<1	<10	2.8	853	<0.5	1	<1	29	5	720	15
Ccr12	1	190	<10	<0.1	400	<1	10	4	8	104	<100	40	<1	<0.5	<0.5	173	<1	3	8	7	<5	0.9	2	58	<10	<1	<1	<1	27	<1	15	<1	<1	190	<1	<1	<10	1.6	180	<0.5	<1	<1	<5	<1	260	9
Ccr13	6	269	40	0.1	2260	<1	<10	8	113	12	<100	830	45	18.7	12.4	34	46	44	<5	<1	<5	4	113	37	260	<1	21	<1	182	2	71	35	<1	60	<1	8	<10	12.4	2310	0.9	12	3	196	13	460	72
Ccr14	1	214	<10	<0.1	640	<1	<10	<1	<5	11	<100	10	<1	<0.5	<0.5	151	<1	1	<5	<1	<5	1	1	150	<10	<1	<1	<1	14	<1	6	<1	<1	<10	<1	<1	<10	0.5	223	<0.5	<1	<1	<5	<1	<20	<5
Ccr15	2	243	<10	<0.1	460	<1	<10	4	6	39	<100	70	<1	1	<0.5	79	<1	2	<5	8	<5	<0.5	3	64	<10	<1	<1	<1	22	<1	11	<1	<1	60	<1	<1	<10	0.7	72	<0.5	<1	<1	7	1	110	6
Ccr16	4	109	<10	0.1	1800	<1	350	44	13	9	<100	470	73	53.3	12.2	7	59	34	<5	6	<5	<0.5	86	69	90	<1	14	<1	77	<1	22	30	<1	1310	<1	10	<10	0.8	6	<0.5	31	<1	802	34	930	<5
Ccr17	1	128	<10	<0.1	930	2	70	13	18	23	<100	110	1	1.3	<0.5	118	1	6	<5	4	5	15.1	5	58	90	<1	1	<1	95	<1	23	1	1	280	<1	<1	<10	7.7	2040	<0.5	3	<1	8	1	720	21
Ccr18	6	290	<10	0.1	320	<1	<10	17	75	33	<100	400	25	11.4	5.2	40	21	26	<5	<1	<5	2	48	77	190	<1	10	<1	179	<1	40	14	<1	20	<1	4	<10	6.4	775	<0.5	3	<1	94	7	170	34
Ccr19	9	215	<10	0.1	840	<1	80	16	50	9	<100	250	46	21.7	9.1	45	43	27	<5	5	<5	2	79	94	250	<1	13	<1	58	<1	26	26	<1	420	<1	8	<10	3.2	691	<0.5	6	<1	249	12	160	9
Ccr20	3	226	<10	0.1	260	<1	20	18	11	14	<100	490	8	8.4	<0.5	119	2	4	<5	3	5	1.2	4	323	70	<1	<1	<1	46	<1	23	1	<1	80	<1	<1	<10	2.9	361	<0.5	2	<1	36	7	590	9
Ccr21	7	296	<10	0.1	490	<1	<10	22	39	40	<100	530	16	8.8	2.4	87	10	14	<5	2	<5	1	19	105	80	<1	4	<1	194	<1	23	6	<1	70	<1	2	<10	4.1	348	<0.5	4	<1	62	6	370	18
Ccr22	27	255	<10	0.3	150	<1	<10	64	20	44	<100	940	9	7.3	1.4	149	6	13	<5	1	6	0.9	11	90	520	<1	2	<1	93	<1	19	4	<1	60	<1	1	<10	2	500	<0.5	2	<1	36	6	650	7
Ccr23	<1	162	<10	<0.1	1330	<1	10	8	8	20	<100	<10	<1	<0.5	<0.5	129	<1	2	<5	31	<5	2.3	2	47	<10	<1	<1	<1	15	<1	14	<1	<1	560	<1	<1	<10	1.8	474	<0.5	1	<1	<5	<1	250	9
Ccr24	<1	74	<10	<0.1	210	<1	40	3	8	<5	<100	10	<1	<0.5	<0.5	43	<1	3	<5	2	<5	<0.5	3	32	<10	<1	<1	<1	58	<1	7	<1	<1	280	<1	<1	<10	1.3	64	<0.5	<1	<1	<5	<1	150	<5
Ccr25	2	250	<10	<0.1	120	<1	<10	9	<5	36	<100	260	2	2.9	<0.5	67	<1	2	<5	5	<5	2	2	156	30	<1	<1	<1	7	<1	38	<1	<1	100	<1	<1	<10	3.9	1210	<0.5	2	<1	12	3	210	21
Ccr26	<1	11	<10	<0.1	300	<1	130	2	6	<5	<100	<10	<1	<0.5	<0.5	12	<1	4	<5	6	<5	<0.5	4	54	10	<1	1	<1	34	<1	<5	<1	<1	360	<1	<1	<10	<0.5	32	<0.5	<1	<1	<5	<1	140	<5
Ccr27	2	264	<10	<0.1	230	<1	30	19	5	45	<100	100	4	3.5	<0.5	97	2	3	<5	6	<5	10.2	3	149	130	<1	<1	<1	34	<1	29	<1	2	130	<1	<1	<10	3.3	2250	<0.5	2	<1	22	3	610	27
Ccr28	1	90	<10	<0.1	240	2	90	15	10	21	<100	150	2	1.4	0.6	123	2	4	<5	10	7	22.6	7	84	270	<1	1	<1	49	<1	23	2	2	230	<1	<1	<10	6.2	1890	<0.5	8	<1	13	1	900	37
Ccr29	<1	241	<10	<0.1	630	1	20	6	<5	68	<100	20	<1	<0.5	<0.5	119	<1	1	10	18	<5	6.9	1	94	<10	<1	<1	<1	24	<1	23	<1	1	420	<1	<1	<10	2.8	1380	<0.5	2	<1	<5	<1	110	25
Ccr30	1	170	<10	<0.1	570	<1	70	17	10	135	<100	130	2	2.5	<0.5	118	2	3	<5	14	<5	3.4	4	74	90	<1	<1	<1	6	<1	15	1	<1	420	<1	<1	<10	2.2	912	<0.5	2	<1	15	3	970	12
Ccr31	8	52	10	0.3	6070	<1	400	8	36	52	<100	590	11	4.7	6.3	15	18	21	<5	7	9	<0.5	45	34	40	<1	8	<1	125	2	11	14	<1	1780	<1	2	<10	4.6	162	<0.5	40	<1	56	3	190	17
Ccr32	3	203	<10	<0.1	890	<1	50	14	14	105	<100	110	12	11.3	1.1	178	5	4	<5	5	<5	4.6	7	81	850	<1	1	<1	44	<1	37	3	<1	290	<1	1	<10	5.2	1190	<0.5	9	<1	63	10	440	17
Ccr33	11	189	<10	<0.1	400	2	90	23	32	86	<100	1450	49	25.6	7.9	66	37	20	<5	4	7																									

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
Ccr49	58	170	<10	0.1	140	<1	<10	10	45	32	<100	100	26	16.1	4.2	19	22	16	<5	2	<5	<0.5	52	54	30	<1	9	<1	273	<1	54	14	<1	20	<1	4	<10	0.9	321	0.8	1	<1	153	11	110	6
Ccr50	2	255	<10	<0.1	210	<1	<10	14	<5	57	<100	160	2	2.8	<0.5	113	<1	2	<5	3	<5	1.8	2	109	20	<1	<1	<1	68	<1	35	<1	<1	100	<1	<1	<10	1.1	1530	<0.5	<1	2	11	3	280	8
Ccr51	4	257	<10	0.1	140	<1	<10	20	17	19	<100	170	9	3.9	1.2	36	5	6	<5	<1	<5	0.9	11	48	120	<1	2	<1	120	<1	19	4	<1	70	<1	1	<10	2.4	612	<0.5	2	<1	35	2	200	14
Ccr52	1	>300	<10	<0.1	210	<1	<10	3	<5	20	<100	30	<1	0.8	<0.5	55	<1	1	<5	3	<5	0.7	1	21	<10	<1	<1	<1	98	<1	11	<1	<1	320	<1	<1	<10	1.4	434	<0.5	<1	<1	<5	<1	70	7
Ccr53	1	76	<10	0.1	80	<1	40	13	25	25	<100	300	8	6.4	0.8	3	5	3	<5	4	<5	<0.5	8	52	<10	<1	1	<1	34	<1	20	3	<1	290	<1	<1	<10	0.6	27	<0.5	6	<1	51	5	220	<5
Ccr54	4	176	<10	<0.1	240	<1	10	5	21	54	<100	530	5	2.9	1	221	4	9	<5	2	<5	2.4	10	38	30	<1	2	<1	112	<1	22	3	<1	110	<1	<1	<10	4.7	753	<0.5	3	<1	17	2	120	38
Ccr55	7	233	10	0.1	490	1	70	3	50	9	<100	340	28	14.7	8.1	37	32	38	<5	1	7	2.8	80	38	360	<1	15	<1	233	<1	34	24	<1	140	<1	5	<10	5.7	784	0.7	34	2	164	11	<20	54
Ccr56	10	158	<10	0.1	70	<1	<10	16	8	24	<100	300	6	5.1	0.5	25	2	3	<5	<1	<5	<0.5	6	38	220	<1	<1	<1	74	<1	29	2	<1	<10	<1	<1	<10	1.6	43	<0.5	2	<1	31	4	170	10
Ccr57	14	116	<10	0.5	40	<1	<10	5	125	6	<100	130	33	19.1	8.8	8	40	59	<5	<1	5	<0.5	115	15	80	<1	23	<1	156	<1	43	32	<1	<10	<1	6	<10	2	177	<0.5	4	<1	226	12	40	18
Ccr58	7	156	<10	<0.1	70	<1	<10	13	7	12	<100	140	6	5.1	0.6	31	3	3	<5	3	<5	<0.5	6	19	110	<1	1	<1	83	<1	34	2	<1	40	<1	<1	<10	2.2	276	<0.5	2	<1	35	4	210	6
Ccr59	1	236	<10	0.1	110	<1	<10	3	<5	14	<100	160	<1	1	<0.5	109	<1	<1	<5	3	<5	0.6	<1	27	<10	<1	<1	<1	47	<1	9	<1	<1	80	<1	<1	<10	1.2	251	<0.5	<1	<1	<5	1	90	7
Ccr60	2	273	<10	<0.1	180	<1	50	4	<5	23	<100	110	3	2.8	<0.5	74	<1	1	7	4	<5	2.3	2	28	<10	<1	<1	<1	27	<1	21	<1	<1	440	<1	<1	<10	1.7	746	<0.5	1	<1	12	3	120	9
Ccr61	2	287	10	<0.1	310	<1	<10	3	41	11	<100	110	5	3.5	0.9	159	4	11	<5	<1	<5	4.5	10	133	20	<1	2	<1	173	<1	21	3	<1	60	<1	<1	<10	5	1750	<0.5	3	<1	21	3	50	39
Ccr62	8	146	<10	<0.1	70	<1	<10	10	9	28	<100	110	14	12.4	1.3	40	6	6	<5	<1	<5	2.3	13	25	280	<1	2	<1	111	<1	30	4	<1	<10	<1	2	<10	1.2	581	<0.5	3	<1	122	8	120	9
Ccr64	8	152	<10	0.1	110	<1	<10	22	<5	27	<100	160	9	9.1	<0.5	24	3	2	<5	1	<5	<0.5	3	31	40	<1	<1	<1	77	<1	34	1	<1	40	<1	<1	<10	0.8	96	<0.5	1	<1	54	7	120	<5
Ccr65	4	240	<10	0.1	220	<1	<10	33	9	42	<100	600	3	3.8	<0.5	104	1	4	<5	3	<5	1.3	3	49	60	<1	<1	<1	91	<1	15	<1	<1	120	<1	<1	<10	2.7	671	<0.5	4	<1	15	4	260	11
Ccr66	2	222	<10	<0.1	230	<1	110	15	6	38	<100	200	5	3.5	0.8	110	4	2	<5	8	6	2.2	6	50	130	<1	1	<1	22	<1	20	2	<1	680	<1	<1	<10	2.8	1210	<0.5	3	<1	33	2	470	9
Ccr67	<1	98	<10	<0.1	230	<1	170	11	26	46	<100	110	26	18.4	5.6	23	26	10	<5	5	<5	<0.5	43	36	70	<1	7	<1	6	<1	18	17	<1	540	<1	4	<10	1.4	38	<0.5	7	2	168	14	150	<5
Ccr68	10	152	10	0.1	730	<1	230	3	31	18	<100	740	8	4.1	2.4	36	8	10	<5	3	173	3.4	19	47	410	<1	4	<1	43	3	37	6	<1	630	<1	1	<10	7.1	1240	0.7	6	6	35	3	120	36
Ccr69	1	235	<10	0.1	200	<1	10	3	<5	24	<100	120	<1	<0.5	<0.5	127	<1	<1	7	6	<5	0.8	<1	18	<10	<1	<1	<1	57	<1	8	<1	<1	110	<1	<1	<10	0.8	250	<0.5	<1	<1	<5	<1	30	<5
Ccr70	5	214	<10	<0.1	220	<1	<10	8	<5	53	<100	70	2	2.7	<0.5	82	1	1	<5	1	<5	1.1	2	71	10	<1	<1	<1	171	<1	29	<1	<1	40	<1	<1	<10	1	1640	<0.5	<1	23	15	2	120	10
Ccr72	14	74	<10	0.2	160	<1	<10	4	110	5	<100	70	27	12.7	9.5	3	40	53	<5	<1	7	<0.5	140	<5	110	<1	28	<1	246	<1	52	33	<1	<10	<1	5	<10	2.1	41	<0.5	4	<1	130	9	30	20
Ccr73	<1	>300	<10	<0.1	130	<1	<10	3	<5	27	<100	90	1	2	<0.5	41	<1	<1	<5	2	<5	<0.5	<1	50	<10	<1	<1	<1	21	<1	13	<1	<1	60	<1	<1	<10	<0.5	213	<0.5	<1	<1	6	2	90	<5
Ccr74	14	110	<10	<0.1	30	<1	<10	9	20	<5	<100	170	10	5.9	1.9	12	8	6	<5	<1	<5	<0.5	22	5	280	<1	4	<1	134	<1	27	6	<1	<10	<1	1	<10	0.6	17	<0.5	3	<1	52	4	50	<5
Ccr75	9	236	30	<0.1	300	<1	10	20	34	45	<100	520	21	14.2	2.7	160	11	13	<5	2	17	7.5	27	41	300	<1	5	<1	95	<1	37	8	<1	110	<1	3	<10	5	3220	<0.5	7	<1	111	10	380	25
Ccr76	2	156	10	<0.1	510	<1	170	14	139	44	<100	290	40	17.4	14.7	24	56	72	<5	8	22	0.9	147	46	190	<1	28	<1	187	<1	34	44	<1	310	<1	8	<10	8.4	354	<0.5	9	<1	207	10	450	33
Ccr77	7	155	<10	<0.1	100	<1	<10	11	22	38	<100	30	20	12	3	13	13	5	<5	1	<5	<0.5	22	125	100	<1	4	<1	157	<1	36	8	<1	40	<1	3	<10	<0.5	21	<0.5	2	<1	109	8	130	<5
Ccr78	10	201	<10	<0.1	160	<1	<10	16	11	55	<100	120	11	9.8	1.2	25	5	5	<5	2	<5	<0.5	10	66	140	<1	2	<1	348	<1	27	3	<1	50	<1	1	<10	1	120	<0.5	5	<1	67	8	270	6
Ccr79	7	97	<10	<0.1	230	<1	<10	2	<5	41	<100	40	<1	1.7	<0.5	20	<1	<1	<5	2	<5	<0.5	<1	41	10	<1	<1	<1	176	<1	10	<1	<1	60	<1	<1	<10	<0.5	16	<0.5	<1	<1	<5	2	60	<5
Ccr80	28	135	<10	<0.1	80	<1	<10	16	25	42	<100	260	18	9.8	3	26	13	9	<5	<1	9	<0.5	27	46	310	<1	5	<1	278	<1	30	9	<1	10	<1	2	<10	2.1	59	<0.5	6	<1	91	7	160	16
Ccr81	18	224	<10	<0.1	130	<1	<10	15	23	14	<100	170	5	3.4	1	56	3	10	<5	<1	<5	1	13	22	290	<1	3	<1	188	<1	30	3	<1	10	<1	<1	<10	3.1	562	<0.5	5	<1	21	3	140	15
Ccr82	13	69	40	<0.1	700	<1	160	163	143	38	<100	920	29	12.6	12.6	34	45	84	<5	6	25	0.6	162	46	80	<1	32	<1	199	1	22	43	<1	670	<1	6	<10	9.7	206	<0.5	11	<1	133	9	2180	14
Ccr83	13	216	<10	<0.1	200	<1	<10	18	9	22	<100	320	4	4.1	<0.5	88	2	5	<5	<1	<5	1.3	6	22	8																					

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
BR012	17	207	<10	<0.1	170	<1	<10	26	12	19	<100	300	9	6.3	0.9	61	4	6	<5	<1	<5	0.6	10	39	220	<1	2	<1	146	<1	20	3	<1	50	<1	<1	<10	2.2	201	<0.5	3	<1	44	5	350	9
BR013	13	282	<10	<0.1	230	<1	<10	15	13	19	<100	290	3	2.7	0.6	91	2	6	<5	<1	<5	0.8	6	53	130	<1	1	<1	102	<1	14	1	<1	50	<1	<1	<10	2.8	396	<0.5	2	<1	15	3	200	11
BR014	16	>300	20	<0.1	490	<1	<10	18	36	48	<100	430	8	4.2	1.7	171	5	13	<5	2	<5	3	15	54	180	<1	3	<1	161	<1	23	4	<1	90	<1	1	<10	7.1	2390	<0.5	4	<1	31	3	410	39
BR015	20	115	<10	<0.1	360	<1	<10	13	172	34	<100	170	30	13	10.3	29	44	61	<5	<1	<5	<0.5	140	44	170	<1	27	<1	166	<1	39	37	<1	30	<1	6	<10	8.4	302	<0.5	5	<1	143	8	150	17
BR016	20	243	<10	<0.1	310	<1	<10	21	29	23	<100	240	8	3.8	1.3	100	5	8	<5	1	<5	1.7	14	46	140	<1	3	<1	160	<1	26	4	<1	40	<1	1	<10	6	1410	<0.5	2	<1	35	3	160	28
BR017	11	172	10	<0.1	480	<1	20	17	193	66	<100	160	57	23.2	24.2	47	92	150	<5	<1	<5	1.6	334	26	270	<1	66	<1	122	1	49	83	<1	40	<1	12	<10	8	1380	<0.5	5	<1	286	15	250	31
BR018	21	284	20	<0.1	310	<1	<10	26	163	80	<100	340	63	29.4	11.8	132	53	41	<5	<1	<5	2.2	117	93	590	<1	21	<1	60	1	33	39	<1	30	<1	10	<10	11.7	1090	<0.5	7	<1	278	19	960	44
BR019	17	179	30	<0.1	230	<1	30	21	886	149	<100	280	100	35.7	33.6	54	132	192	<5	1	6	2.6	433	29	250	<1	85	<1	113	2	38	124	<1	40	<1	20	<10	12.1	1010	<0.5	5	<1	355	22	490	44
BR020	13	291	<10	<0.1	260	<1	<10	13	26	35	<100	90	6	4.7	1	128	4	10	<5	1	<5	1.1	11	39	330	<1	2	<1	34	<1	12	3	<1	50	<1	<1	<10	4.9	437	<0.5	3	<1	30	4	290	21
BR021	7	296	80	<0.1	430	1	<10	12	58	51	<100	200	11	5.7	2.8	247	10	22	<5	2	5	2.1	33	37	210	<1	7	<1	130	2	22	9	<1	120	<1	2	<10	10.4	718	<0.5	5	<1	43	4	440	20
BR022	<1	105	<10	<0.1	340	1	60	6	<5	14	<100	20	<1	<0.5	<0.5	65	<1	<1	<5	17	<5	0.6	<1	37	10	<1	<1	<1	17	<1	<5	<1	<1	530	<1	<1	<10	1.5	121	1.3	<1	<1	<5	<1	300	<5
BR023	20	>300	20	<0.1	270	<1	10	61	154	125	<100	320	35	16.3	7.8	87	31	31	<5	1	<5	<0.5	72	88	1730	<1	14	<1	146	<1	21	23	<1	120	<1	6	<10	8.4	248	0.7	6	<1	177	11	2340	13
BR024	<1	179	<10	<0.1	300	2	90	50	5	63	<100	60	2	1.7	<0.5	140	1	2	<5	17	<5	1.3	3	51	150	<1	<1	<1	24	<1	20	<1	<1	430	<1	<1	<10	4.6	348	0.7	2	<1	11	2	1690	19
BR025	19	>300	120	<0.1	990	1	20	45	410	105	<100	530	71	31.7	18.8	138	70	132	<5	5	6	0.9	229	55	1460	<1	49	<1	77	1	65	60	<1	150	<1	13	<10	28	558	1	17	<1	347	21	1240	37
BR026	1	>300	<10	<0.1	250	<1	40	16	<5	22	<100	160	3	4	<0.5	69	<1	<1	<5	12	<5	<0.5	<1	118	90	<1	<1	<1	<5	<1	10	<1	<1	430	<1	<1	<10	1.3	65	<0.5	1	<1	20	3	590	<5
BR027	35	>300	40	<0.1	390	<1	30	58	171	72	<100	430	43	17.4	11.4	109	47	54	<5	5	7	0.5	126	107	2690	<1	24	<1	84	1	27	38	<1	160	<1	8	<10	14.4	296	0.7	8	<1	215	11	1690	16
BR028	20	298	10	<0.1	680	<1	40	102	95	34	<100	490	21	7.4	5.7	77	20	29	<5	3	<5	1.1	60	80	260	<1	13	<1	130	<1	24	17	<1	190	<1	4	<10	6.9	449	0.5	4	<1	82	4	560	28
BR029	2	>300	<10	<0.1	270	<1	10	8	<5	27	<100	70	<1	1.1	<0.5	77	<1	1	6	7	<5	0.5	1	59	<10	<1	<1	<1	26	<1	15	<1	<1	350	<1	<1	<10	1.7	181	<0.5	1	<1	<5	2	140	6
BR030	23	234	10	<0.1	190	<1	<10	26	153	19	<100	210	23	10.3	6.7	40	26	47	<5	<1	<5	3.3	96	23	310	<1	21	<1	163	<1	34	24	<1	20	<1	5	<10	6.3	843	<0.5	5	<1	126	7	140	40
BR031	16	132	<10	<0.1	420	<1	20	46	101	58	<100	320	34	22.6	9.1	17	38	61	<5	5	<5	<0.5	148	83	330	<1	30	<1	124	<1	40	33	<1	180	<1	6	<10	1.3	204	<0.5	3	<1	322	16	1390	7
BR032	1	>300	<10	<0.1	450	<1	60	62	43	25	<100	240	50	29.5	5.2	78	23	13	<5	11	<5	3.1	36	68	190	<1	6	<1	47	<1	22	14	<1	280	<1	7	<10	5.5	1560	<0.5	4	<1	294	20	1290	21
BR033	4	>300	20	<0.1	520	<1	60	87	59	98	<100	220	19	9.4	3.1	111	11	11	<5	5	8	6.5	24	65	380	<1	5	<1	98	<1	18	8	<1	410	<1	3	<10	6.9	2560	<0.5	12	<1	85	6	1150	32
BR034	<1	66	<10	<0.1	430	3	140	92	7	53	<100	110	2	1.4	<0.5	52	2	2	<5	19	<5	0.6	5	25	440	<1	<1	<1	42	<1	6	2	<1	670	<1	<1	<10	2.6	127	1.5	<1	<1	11	2	3680	8
BR035	17	242	20	<0.1	370	<1	60	51	83	28	<100	250	21	10.5	5	62	20	25	<5	4	6	2.1	53	61	250	<1	11	<1	75	<1	25	15	<1	310	<1	4	<10	4	1050	<0.5	11	<1	135	7	330	20
BR036	18	>300	30	<0.1	310	<1	<10	32	411	41	<100	250	64	30.9	19.2	111	70	131	<5	1	5	12.1	249	48	380	<1	56	<1	143	<1	77	62	<1	40	<1	13	<10	7.7	5250	<0.5	8	<1	374	22	260	73
BR037	11	268	<10	<0.1	140	<1	<10	40	72	53	<100	460	33	15.9	5.3	100	20	19	<5	1	<5	2.1	45	85	190	<1	9	<1	121	<1	36	15	<1	40	<1	5	<10	5.3	381	<0.5	3	<1	136	10	430	37
BR038	4	84	<10	<0.1	390	<1	350	261	10	6	<100	230	6	3.8	1	19	5	6	<5	6	<5	<0.5	9	106	60	<1	2	<1	52	<1	7	3	<1	1630	<1	<1	<10	0.5	16	<0.5	4	<1	49	3	5100	<5
BR039	3	245	10	<0.1	550	<1	30	63	12	145	<100	690	10	15.6	0.8	152	3	5	<5	5	<5	<0.5	8	76	2000	<1	2	<1	27	<1	16	2	<1	420	<1	1	<10	2	223	<0.5	2	<1	58	18	1510	7
BR040	8	171	<10	<0.1	340	<1	110	95	24	<5	<100	620	160	96.8	31.6	11	125	80	<5	5	<5	<0.5	233	165	120	<1	43	<1	121	<1	59	74	<1	650	<1	25	<10	1.8	61	<0.5	8	<1	1360	58	4810	7
BR041	3	230	<10	<0.1	260	<1	20	13	<5	18	<100	160	<1	0.5	<0.5	123	<1	<1	<5	6	<5	<0.5	<1	128	<10	<1	<1	<1	16	<1	9	<1	<1	320	<1	<1	<10	<0.5	123	<0.5	<1	<1	<5	1	160	<5
2Br-01	3	283	<10	<0.1	80	<1	10	5	<5	21	<100	100	1	1.6	<0.5	76	<1	1	<5	6	<5	2.6	2	37	50	<1	<1	<1	59	<1	16	<1	<1	160	<1	<1	<10	2.4	654	<0.5	2	<1	7	2	160	13
2Br-02	5	238	20	<0.1	210	<1	<10	10	75	54	<100	360	46	23.4	8.9	78	41	46	<5	1	<5	2.5	100	47	270	<1	20	<1	162	<1	42	28	<1	30	<1	8	<10	4.7	1110	<0.5	4	<1	318	14	260	28
2Br-03	7	227	10	<0.1	220	<1	7																																							

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
2Br-19	15	185	50	<0.1	570	<1	250	14	54	17	<100	230	14	7.6	3.8	80	15	20	<5	12	<5	10.2	35	54	180	<1	7	<1	118	1	19	11	<1	890	<1	3	<10	6.9	3530	<0.5	7	<1	92	5	120	39
2Br-20	12	97	<10	<0.1	60	<1	<10	8	159	8	<100	140	43	23.9	12	17	46	52	<5	<1	<5	2.3	149	15	410	<1	28	<1	127	<1	33	38	<1	<10	<1	8	<10	1.1	417	<0.5	7	<1	302	16	60	13
2Br-21	3	>300	<10	<0.1	110	<1	<10	7	7	13	<100	100	2	2	<0.5	117	1	3	<5	1	<5	5.8	4	86	30	<1	<1	<1	40	<1	18	1	<1	30	<1	<1	<10	2.5	1410	<0.5	2	<1	8	3	100	17
2Br-22	<1	>300	20	<0.1	270	<1	<10	5	19	68	<100	180	5	4.6	0.9	141	3	9	<5	5	<5	10.5	10	50	50	<1	2	<1	86	<1	22	3	<1	240	<1	<1	<10	6.6	2560	<0.5	5	<1	25	5	320	45
2Br-24	<1	>300	<10	<0.1	210	<1	50	11	<5	61	<100	70	<1	2	<0.5	91	<1	<1	7	11	<5	<0.5	<1	36	<10	<1	<1	<1	6	<1	13	<1	<1	410	<1	<1	<10	0.7	149	<0.5	1	<1	6	4	350	<5
2Br-25	3	278	20	<0.1	170	<1	10	13	12	28	<100	230	15	19.1	1	97	5	4	<5	4	<5	3.8	9	38	70	<1	2	<1	43	<1	50	3	<1	110	<1	1	<10	2.6	2690	<0.5	2	<1	119	17	510	11
2Br-26	17	300	<10	<0.1	280	<1	20	18	10	55	<100	420	5	4.7	0.5	50	2	4	<5	3	<5	0.7	5	67	220	<1	1	<1	110	<1	20	2	<1	200	<1	<1	<10	1.8	335	<0.5	3	<1	26	4	470	9
2Br-27	4	157	60	<0.1	890	<1	310	19	190	43	<100	260	27	12.7	8.2	61	31	31	<5	4	63	3.1	70	85	240	<1	15	<1	156	2	27	24	<1	1550	<1	5	<10	6.6	969	<0.5	566	<1	140	9	490	41
2Br-28	19	203	<10	<0.1	310	<1	<10	32	61	19	<100	440	12	5.8	2.8	32	11	23	<5	3	<5	1.1	38	48	390	<1	9	<1	159	<1	27	9	<1	60	<1	2	<10	4.5	311	<0.5	7	<1	74	4	250	18
2Br-29	3	240	<10	<0.1	140	<1	<10	15	<5	21	<100	160	2	2.2	<0.5	51	<1	2	<5	3	<5	0.9	2	43	220	<1	<1	<1	73	<1	15	<1	<1	50	<1	<1	<10	1.5	196	<0.5	3	<1	10	2	170	8
2Br-30	4	255	50	<0.1	450	<1	<10	6	31	25	<100	410	3	2.4	0.9	227	3	14	<5	3	7	24.7	12	59	50	<1	3	<1	86	2	18	3	2	110	1	<1	<10	5.7	4910	<0.5	11	<1	16	2	140	47
2Br-31	4	>300	<10	<0.1	140	<1	<10	7	<5	21	<100	170	<1	0.8	<0.5	77	<1	1	<5	4	<5	1.3	1	45	20	<1	<1	<1	30	<1	10	<1	<1	40	<1	<1	<10	1.3	402	<0.5	1	<1	<5	1	110	11
2Br-32	2	186	50	<0.1	360	<1	70	3	17	35	<100	910	2	1.5	0.6	313	2	7	<5	6	7	13.7	7	79	30	<1	2	<1	52	2	18	2	1	450	<1	<1	<10	6.7	5230	<0.5	7	<1	11	1	120	32
2Br-33	2	>300	<10	<0.1	250	<1	40	12	<5	42	<100	60	<1	1.3	<0.5	94	<1	1	<5	8	<5	6.7	<1	45	<10	<1	<1	<1	17	<1	9	<1	<1	460	<1	<1	<10	1.9	1010	<0.5	2	<1	<5	2	190	13
2Br-34	<1	>300	<10	<0.1	340	<1	<10	19	<5	118	<100	190	1	2.2	<0.5	57	<1	<1	7	18	<5	1.5	1	59	60	<1	<1	<1	18	<1	27	<1	<1	530	<1	<1	<10	2.1	442	<0.5	2	<1	8	3	620	12
2Br-35	55	200	<10	0.1	170	<1	<10	16	25	11	<100	300	14	8.1	2.6	31	10	8	<5	<1	<5	<0.5	21	27	620	<1	4	<1	223	<1	45	8	<1	<10	<1	2	<10	4.3	259	<0.5	6	<1	71	6	130	18
2Br-36	35	247	<10	62.1	260	2	10	8	<5	25	<100	1430	3	4.1	<0.5	39	1	2	<5	6	<5	<0.5	3	23	50	<1	<1	<1	97	<1	13	<1	<1	220	<1	<1	<10	1.5	155	0.5	2	<1	18	4	210	7
2Br-37	6	>300	10	<0.1	230	<1	20	91	11	22	<100	850	4	3.6	0.5	150	2	5	<5	3	<5	2.2	6	105	130	<1	1	<1	58	<1	18	1	<1	110	<1	<1	<10	3.6	1030	<0.5	10	<1	18	3	570	11
2Br-38	1	>300	10	<0.1	360	<1	10	14	<5	18	<100	20	<1	<0.5	<0.5	219	<1	2	7	5	<5	2.7	2	27	<10	<1	<1	<1	52	<1	14	<1	<1	300	<1	<1	<10	2.1	795	<0.5	2	<1	<5	<1	190	14
2Br-39	2	206	30	<0.1	350	<1	<10	23	14	187	<100	290	1	1.3	<0.5	425	1	5	<5	5	<5	6.7	4	187	30	<1	1	<1	49	1	21	1	<1	120	<1	<1	<10	4.7	2640	<0.5	5	<1	7	2	310	29
2Br-40	14	102	<10	<0.1	90	<1	<10	28	42	15	<100	220	15	7.7	3.9	16	13	15	<5	1	<5	<0.5	38	29	250	<1	7	<1	368	<1	31	11	<1	30	<1	2	<10	1.2	20	<0.5	5	<1	86	6	290	7
2Br-41	<1	234	<10	<0.1	170	<1	20	4	<5	15	<100	30	2	2.7	<0.5	47	<1	1	<5	10	<5	0.5	1	17	40	<1	<1	<1	69	<1	28	<1	<1	270	<1	<1	<10	1.3	78	<0.5	3	<1	12	3	140	9
2Br-42	<1	>300	<10	<0.1	220	<1	<10	11	<5	29	<100	60	<1	2.0	<0.5	130	<1	2	5	7	<5	2.5	2	77	<10	<1	<1	<1	22	<1	11	<1	<1	180	<1	<1	<10	1.9	315	0.5	1	<1	<5	<1	100	12
2Br-43	7	>300	<10	<0.1	430	<1	10	16	<5	16	<100	100	<1	<0.5	<0.5	120	<1	2	<5	6	<5	1.3	2	42	<10	<1	<1	<1	33	<1	7	<1	<1	300	<1	<1	<10	1.6	221	<0.5	2	<1	<5	<1	60	7
2Br-44	9	>300	10	<0.1	230	<1	<10	23	20	51	<100	230	3	1.7	0.7	152	2	7	<5	2	19	2.6	8	85	30	<1	2	<1	45	<1	9	2	<1	160	<1	<1	<10	2.8	615	0.6	4	<1	14	2	110	23
2Br-45	4	289	90	<0.1	190	<1	<10	5	18	7	<100	140	3	1.9	0.7	164	2	8	<5	<1	7	3.8	9	81	40	<1	2	<1	60	<1	11	2	<1	60	<1	<1	<10	4.2	1210	<0.5	6	<1	14	2	100	25
2Br-46	4	227	<10	<0.1	70	<1	<10	7	<5	23	<100	170	1	1.1	<0.5	103	<1	2	<5	2	<5	<0.5	2	48	20	<1	2	<1	50	<1	5	<1	<1	60	<1	<1	<10	0.8	127	<0.5	<1	<1	5	1	60	<5
2Br-47	15	285	<10	<0.1	90	<1	<10	27	13	20	<100	190	19	13.4	1.7	38	7	5	<5	<1	<5	0.6	11	25	210	<1	2	<1	28	<1	25	4	<1	30	<1	2	<10	2.1	352	<0.5	2	<1	121	9	60	13
2Br-48	2	173	<10	<0.1	190	<1	30	8	59	121	<100	360	7	4.2	2	180	6	14	<5	2	10	2.1	20	118	30	<1	5	<1	31	<1	29	5	<1	150	<1	<1	<10	3.5	649	<0.5	3	<1	40	3	180	18
2Br-49	1	>300	<10	<0.1	140	<1	<10	7	<5	27	<100	230	2	2.2	<0.5	91	<1	2	<5	4	<5	2.2	2	47	50	<1	<1	<1	43	<1	16	<1	<1	80	<1	<1	<10	2.2	836	<0.5	2	<1	10	2	110	26
2Br-50	58	>300	40	<0.1	120	<1	<10	15	80	35	<100	320	24	11.7	4.7	90	16	31	<5	<1	9	5.6	45	25	260	<1	10	<1	243	1	69	13	<1	<10	<1	4	<10	8.9	2370	0.5	10	1	119	8	60	103
2Br-51	6	234	<10	<0.1	40	<1	<10	22	14	8	<100	710	9	7	1	14	4	5	<5	<1	<5	<0.5	9	24	220	<1	2	<1	92	<1	15	3	<1	10	<1	1	<10	1.2	66	<0.5	2	<1	58	5	230	8
2Br-52	3	>300	60	<0.1	650	<1	<10	3	98	45	<100	310	20	11.2																																

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
3Br-13	3	261	20	<0.1	100	<1	<10	9	41	10	<100	310	7	3.9	1.9	90	7	19	<5	<1	5	1.8	21	44	230	<1	5	<1	173	<1	31	6	<1	20	<1	1	<10	6.1	753	<0.5	6	<1	29	3	80	34
3Br-14	3	269	30	<0.1	180	<1	<10	5	61	29	<100	190	20	14.8	3.1	133	12	23	<5	<1	8	9.3	32	51	260	<1	8	<1	242	<1	36	10	<1	30	<1	3	<10	6.8	1580	0.6	8	<1	104	12	200	70
3Br-15	12	>300	300	<0.1	830	2	30	48	322	99	<100	1340	116	72.4	24.6	174	94	107	<5	2	41	18.8	227	140	790	<1	46	<1	169	9	94	70	1	180	<1	19	<10	15.9	5990	1.9	22	2	736	58	740	102
3Br-16	1	300	40	<0.1	200	1	40	13	8	23	<100	130	3	2.9	<0.5	192	1	4	<5	7	7	16.5	4	31	20	<1	<1	<1	54	2	21	1	2	250	<1	<1	<10	6.2	8180	<0.5	2	1	16	3	450	38
3Br-17	6	139	<10	<0.1	40	<1	<10	24	<5	11	<100	650	15	12.4	1.1	38	5	1	<5	<1	<5	<0.5	6	33	130	<1	<1	<1	169	<1	18	3	<1	40	<1	2	<10	1.4	118	<0.5	4	<1	95	9	140	<5
Tp01	<1	239	<10	<0.1	1120	<1	40	6	6	31	<100	<10	<1	0.8	<0.5	80	<1	2	15	19	<5	0.6	3	46	<10	<1	<1	<1	44	<1	48	<1	<1	1060	<1	<1	<10	1.3	73	<0.5	3	<1	<5	<1	110	14
Tp02	2	>300	<10	<0.1	350	<1	20	6	5	45	<100	80	1	1.3	<0.5	88	<1	2	<5	6	<5	5.2	2	144	<10	<1	<1	<1	35	<1	12	<1	<1	290	<1	<1	<10	1.7	963	<0.5	1	<1	7	2	270	9
Tp03	<1	212	<10	<0.1	730	<1	30	6	13	26	<100	10	<1	<0.5	<0.5	165	<1	4	6	16	<5	5.8	2	34	<10	<1	<1	<1	60	<1	13	<1	<1	390	<1	<1	<10	1.7	1140	<0.5	2	<1	<5	<1	210	9
Tp04	5	183	<10	<0.1	620	<1	230	14	21	33	<100	110	8	4.4	1.6	85	7	6	<5	9	<5	2.2	14	65	200	<1	2	<1	11	<1	18	5	<1	1370	<1	1	<10	2.9	833	<0.5	3	<1	39	3	380	9
Tp05	4	266	<10	<0.1	330	<1	20	7	14	34	<100	120	3	3.1	0.6	97	2	6	<5	2	<5	3	6	123	30	<1	1	<1	101	<1	16	2	<1	200	<1	<1	<10	3.7	783	<0.5	4	<1	14	4	190	21
Tp06	3	178	<10	<0.1	120	<1	<10	15	<5	17	<100	170	4	4.6	<0.5	30	<1	<1	<5	1	<5	<0.5	1	50	150	<1	<1	<1	67	<1	30	<1	<1	100	<1	<1	<10	0.9	20	<0.5	2	<1	22	4	170	<5
Tp07	1	201	<10	<0.1	390	<1	60	6	7	23	<100	20	<1	<0.5	<0.5	214	<1	2	13	22	<5	3.3	2	61	<10	<1	<1	<1	59	<1	17	<1	<1	650	<1	<1	<10	1.6	1030	<0.5	2	<1	<5	<1	140	11
Tp08	7	264	<10	<0.1	230	<1	<10	14	49	69	<100	760	38	23.3	4.4	69	20	24	<5	<1	5	4	41	86	630	<1	8	<1	154	<1	41	13	<1	10	<1	5	<10	5.9	910	<0.5	7	<1	195	16	280	34
Tp09	11	278	30	0.2	450	<1	20	15	116	77	<100	1000	32	19.6	7.1	115	28	46	<5	1	6	10.5	75	97	180	<1	16	<1	128	2	50	22	<1	130	<1	5	<10	10.9	2680	0.6	12	2	156	13	240	67
Tp10	14	204	<10	<0.1	410	<1	110	49	54	26	<100	380	38	20.1	6.6	32	30	23	<5	3	17	3.1	57	140	160	<1	10	<1	222	<1	34	20	<1	530	<1	5	<10	5	869	<0.5	22	<1	202	13	540	29
Tp11	1	271	<10	<0.1	770	<1	60	18	13	90	<100	170	7	6.4	0.9	114	3	5	10	12	6	10.6	7	73	60	<1	1	<1	25	<1	43	2	2	570	<1	<1	<10	5.4	2650	<0.5	6	<1	35	7	680	22
Tp12	7	>300	<10	<0.1	420	<1	20	29	62	40	<100	580	18	10.2	3	108	12	18	<5	4	6	4	30	90	150	<1	6	<1	154	<1	39	9	<1	100	<1	3	<10	5.1	1320	<0.5	8	<1	60	6	470	42
Tp13	1	251	<10	<0.1	430	<1	70	7	<5	38	<100	40	<1	<0.5	<0.5	85	<1	1	8	21	<5	2.1	1	52	<10	<1	<1	<1	36	<1	28	<1	<1	420	<1	<1	<10	1.7	341	<0.5	2	<1	<5	<1	240	17
Tp14	9	244	30	<0.1	790	<1	30	41	31	99	<100	420	6	4.4	1.1	183	4	6	6	3	<5	3.1	9	98	140	<1	2	<1	77	<1	21	3	<1	290	<1	<1	<10	5.1	1350	<0.5	5	<1	27	4	960	27
Tp15	4	158	<10	<0.1	110	<1	10	17	175	80	<100	930	130	61.4	21.5	15	85	37	<5	<1	<5	<0.5	159	59	420	<1	26	<1	54	<1	64	56	<1	40	<1	19	<10	3.3	44	<0.5	29	<1	616	37	180	11
Tp16	1	241	<10	<0.1	390	<1	30	7	<5	39	<100	30	<1	<0.5	<0.5	150	<1	2	<5	10	<5	3.7	2	52	<10	<1	<1	<1	19	<1	14	<1	<1	460	<1	<1	<10	1.7	682	<0.5	2	<1	<5	<1	130	10
Tp17	1	248	<10	<0.1	170	<1	<10	2	<5	20	<100	60	<1	<0.5	<0.5	136	<1	<1	<5	2	<5	1.7	<1	39	<10	<1	<1	<1	30	<1	10	<1	<1	140	<1	<1	<10	1.1	374	<0.5	1	<1	<5	<1	40	8
Tp18	1	295	<10	<0.1	310	<1	30	4	6	39	<100	40	1	0.7	<0.5	64	<1	2	10	15	<5	0.9	3	38	<10	<1	<1	<1	44	<1	35	<1	<1	400	<1	<1	<10	2.2	184	<0.5	1	<1	<5	<1	110	21
Tp19	1	164	<10	<0.1	180	<1	40	6	25	24	<100	140	8	6.3	1.7	71	7	10	<5	1	7	1.7	16	36	80	<1	3	<1	6	<1	36	5	<1	120	<1	1	<10	5.2	238	0.7	6	<1	41	8	130	14
Tp20	4	252	100	<0.1	930	<1	40	21	74	55	<100	620	41	22.3	7.3	95	29	24	<5	2	16	3	56	99	470	<1	10	<1	22	3	58	21	<1	280	<1	6	<10	11.5	932	0.7	8	<1	206	16	370	51
Tp21	<1	>300	<10	<0.1	270	<1	20	3	8	53	<100	60	2	2.1	<0.5	96	1	4	6	7	<5	6.8	4	58	10	<1	1	<1	29	<1	22	<1	<1	240	<1	<1	<10	3.6	1990	<0.5	3	<1	11	2	140	34
Tp22	2	>300	10	<0.1	370	<1	10	3	19	24	<100	80	2	1.2	0.6	159	2	9	<5	4	<5	8.1	8	183	10	<1	2	<1	53	<1	15	2	<1	140	<1	<1	<10	4	1800	<0.5	3	<1	9	1	90	36
Tp23	13	264	<10	<0.1	140	<1	<10	31	13	16	<100	260	4	3.4	0.6	41	2	5	<5	<1	<5	2.2	6	28	160	<1	2	<1	105	<1	24	2	<1	30	<1	<1	<10	2	582	<0.5	4	<1	19	3	100	17
Tp24	4	>300	60	<0.1	940	1	60	37	58	36	<100	230	22	12.5	5.1	218	18	17	<5	7	17	20.3	39	105	250	<1	7	<1	95	2	34	12	2	430	1	4	<10	9.9	7420	<0.5	7	1	147	9	740	63
Tp25	3	>300	10	<0.1	360	<1	20	10	31	39	<100	150	7	5.1	1.4	138	5	13	<5	2	<5	9.1	14	71	40	<1	4	<1	119	<1	17	4	<1	140	<1	1	<10	5.1	1420	<0.5	5	<1	33	5	200	56
Tp26	1	>300	<10	<0.1	280	<1	10	4	<5	28	<100	60	<1	1.4	<0.5	68	<1	<1	<5	5	<5	1.3	<1	16	10	<1	<1	<1	52	<1	21	<1	<1	220	<1	<1	<10	2.1	420	<0.5	2	<1	5	2	110	15
Tp27	<1	249	<10	<0.1	210	1	30	20	<5	45	<100	70	<1	0.9	<0.5	52	<1	<1	<5	12	<5	5.4	1	57	100	<1	<1	<1	85	<1	17	<1	<1	380	<1	<1	<10	4.1	1380	<0.5	1	<1	6	<1	1140	16
Tp28	3	>300	10	<0.1	620	<1	30	13	10	70	<100	150	3	3.7	<0.5	166	1	3	6	7	<5																									

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L04	<1	>300	<10	<0.1	340	<1	<10	9	<5	73	<100	310	3	5.4	<0.5	33	1	3	<5	4	<5	<0.5	3	78	20	<1	<1	<1	34	<1	16	<1	<1	120	<1	<1	<10	2.6	222	<0.5	2	<1	18	8	300	<5
L05	1	>300	<10	<0.1	520	1	<10	9	21	16	<100	430	2	1.4	0.7	204	2	13	<5	3	8	12.7	10	11	50	<1	2	<1	67	<1	23	2	1	190	<1	<1	<10	13.7	2460	<0.5	6	<1	10	1	610	9
L06	<1	32	<10	<0.1	250	<1	40	28	<5	14	<100	80	<1	<0.5	<0.5	11	<1	<1	<5	7	6	<0.5	<1	29	30	<1	<1	<1	92	<1	<5	<1	<1	260	<1	<1	<10	1.6	100	<0.5	<1	<1	<5	<1	1050	<5
L07	3	>300	<10	<0.1	130	<1	20	3	<5	23	<100	270	<1	0.7	<0.5	151	<1	<1	<5	10	10	1	<1	14	<10	<1	<1	<1	8	<1	6	<1	<1	180	<1	<1	<10	1.3	437	<0.5	<1	<1	<5	1	50	<5
L08	<1	31	<10	<0.1	220	<1	30	2	<5	11	<100	<10	<1	<0.5	<0.5	17	<1	<1	<5	6	8	<0.5	<1	24	<10	<1	<1	<1	61	<1	5	<1	<1	550	<1	<1	<10	0.6	61	<0.5	<1	<1	<5	<1	200	<5
L09	1	176	<10	0.2	360	<1	30	1	8	15	<100	220	1	1.1	<0.5	253	<1	4	<5	5	29	6.6	4	52	<10	<1	<1	<1	10	<1	8	<1	<1	330	<1	<1	<10	4.9	2070	<0.5	3	<1	6	1	70	8
L10	<1	>300	<10	<0.1	490	<1	<10	2	5	20	<100	180	1	1.2	<0.5	70	<1	2	<5	6	<5	<0.5	3	14	<10	<1	<1	<1	98	<1	18	<1	<1	100	<1	<1	<10	2.6	187	<0.5	2	<1	<5	2	40	7
L11	<1	>300	<10	<0.1	330	<1	10	3	<5	23	<100	30	<1	1.2	<0.5	68	<1	2	<5	8	<5	1.4	2	15	<10	<1	<1	<1	7	<1	13	<1	<1	220	<1	<1	<10	1.8	631	<0.5	1	<1	<5	2	80	<5
L12	<1	38	<10	<0.1	170	<1	30	5	<5	6	<100	10	<1	<0.5	<0.5	40	<1	<1	<5	19	6	<0.5	<1	18	10	<1	<1	<1	57	<1	<5	<1	<1	140	<1	<1	<10	1.6	26	<0.5	<1	<1	<5	<1	380	<5
L13	<1	>300	<10	<0.1	170	<1	<10	2	<5	5	<100	20	<1	0.9	<0.5	98	<1	3	<5	1	<5	1.8	2	18	<10	<1	<1	<1	17	<1	7	<1	<1	70	<1	<1	<10	3.8	579	<0.5	3	<1	<5	1	30	<5
L14	8	150	<10	<0.1	380	<1	70	14	17	72	<100	440	30	31.8	1.7	32	8	5	<5	3	23	<0.5	14	24	320	<1	3	<1	13	<1	14	5	<1	850	<1	3	<10	1.1	94	<0.5	16	<1	224	26	160	<5
L15	<1	184	<10	<0.1	110	<1	<10	1	5	11	<100	200	2	1.8	<0.5	139	<1	2	<5	3	<5	3.7	3	11	10	<1	<1	<1	53	<1	10	<1	<1	90	<1	<1	<10	5.5	644	<0.5	6	<1	8	2	40	15
L16	11	>300	<10	<0.1	150	<1	<10	2	5	17	<100	170	2	1.7	<0.5	114	<1	2	<5	4	<5	1.8	3	10	10	<1	<1	<1	63	<1	8	<1	<1	60	<1	<1	<10	4	325	<0.5	3	<1	8	2	60	10
L17	12	>300	60	0.1	640	2	90	16	67	201	<100	410	15	9.1	3.2	155	14	26	<5	24	34	6.7	38	77	240	<1	8	<1	69	2	55	11	<1	340	<1	2	<10	33.7	2330	<0.5	8	4	78	8	1070	40
L18	<1	>300	<10	<0.1	350	<1	30	4	15	8	<100	120	2	1.3	0.6	86	2	8	8	13	43	15.1	7	47	<10	<1	2	<1	53	<1	25	2	<1	300	<1	<1	<10	13.3	2640	<0.5	5	1	8	2	170	44
L19	<1	>300	<10	<0.1	340	<1	20	3	<5	9	<100	30	<1	<0.5	<0.5	110	<1	1	<5	15	8	4.6	1	40	<10	<1	<1	<1	42	<1	8	<1	<1	170	<1	<1	<10	3	1030	<0.5	1	<1	<5	<1	120	11
L20	<1	>300	<10	<0.1	470	<1	50	13	6	19	<100	140	6	6.4	0.6	106	3	2	<5	10	27	2.2	5	24	30	<1	<1	<1	27	<1	18	2	<1	500	<1	<1	<10	6	1140	<0.5	4	<1	35	6	340	5
L21	<1	164	<10	<0.1	150	<1	20	<1	<5	8	<100	230	<1	<0.5	<0.5	281	<1	2	<5	6	38	2.9	2	14	<10	<1	<1	<1	31	<1	8	<1	<1	180	<1	<1	<10	2.6	1370	<0.5	3	<1	<5	<1	30	10
L22	4	>300	<10	<0.1	120	<1	<10	<1	5	6	<100	290	<1	0.8	<0.5	83	<1	3	<5	1	15	2	3	18	<10	<1	<1	<1	49	<1	8	<1	<1	50	<1	<1	<10	2.9	1490	<0.5	4	<1	<5	<1	<20	6
L23	<1	142	<10	0.2	980	<1	30	2	31	80	<100	790	7	4.8	1.6	429	6	14	<5	6	541	9.8	18	34	20	<1	4	<1	108	<1	17	5	1	530	<1	1	<10	12.1	4060	<0.5	11	1	32	4	60	22
L24	8	>300	<10	<0.1	230	<1	<10	5	6	17	<100	110	1	1.3	<0.5	144	<1	3	<5	3	19	2.5	3	66	20	<1	<1	<1	18	<1	17	<1	<1	90	<1	<1	<10	4.8	918	<0.5	3	<1	6	2	90	10
L25	13	>300	<10	<0.1	280	<1	10	19	<5	11	<100	670	2	3.4	<0.5	50	<1	2	<5	4	<5	0.7	2	28	30	<1	<1	<1	38	<1	10	<1	<1	130	<1	<1	<10	1.3	404	<0.5	1	<1	10	4	210	<5
L26	9	>300	<10	<0.1	660	<1	10	10	11	59	<100	430	2	2.5	<0.5	69	1	6	<5	7	7	1.4	5	119	20	<1	1	<1	33	<1	15	1	<1	370	<1	<1	<10	1.3	512	<0.5	1	<1	10	3	160	<5
L27	1	>300	<10	<0.1	230	<1	<10	2	<5	35	<100	310	<1	1.6	<0.5	99	<1	1	<5	2	<5	0.8	1	20	<10	<1	<1	<1	69	<1	9	<1	<1	100	<1	<1	<10	1.4	255	<0.5	2	<1	<5	2	50	<5
L28	5	>300	<10	<0.1	220	<1	<10	6	13	39	<100	280	4	3.8	0.5	84	2	7	<5	1	10	8.1	7	91	20	<1	2	<1	52	<1	16	2	1	60	<1	<1	<10	5.4	2680	<0.5	4	<1	22	4	170	19
L29	1	>300	<10	<0.1	240	<1	<10	2	8	31	<100	220	1	1.4	<0.5	94	1	4	<5	6	<5	2.8	4	57	<10	<1	<1	<1	62	<1	15	<1	<1	130	<1	<1	<10	4.1	415	<0.5	3	<1	7	2	50	17
L30	8	>300	<10	<0.1	130	<1	<10	3	9	16	<100	240	2	1.3	<0.5	128	1	5	<5	<1	5	2.9	5	53	<10	<1	1	<1	49	<1	7	1	<1	30	<1	<1	<10	3.7	827	<0.5	2	<1	7	2	30	8
L31	<1	29	<10	<0.1	120	<1	<10	1	<5	<5	<100	<10	<1	<0.5	<0.5	15	<1	<1	<5	2	<5	<0.5	<1	<5	<10	<1	<1	<1	9	<1	5	<1	<1	30	<1	<1	<10	<0.5	53	<0.5	<1	<1	<5	1	<20	<5
L32	<1	>300	<10	<0.1	300	<1	<10	2	7	9	<100	140	<1	0.8	<0.5	89	<1	4	<5	2	<5	2.6	3	40	<10	<1	<1	<1	69	<1	14	<1	<1	40	<1	<1	<10	2	914	<0.5	3	<1	<5	1	<20	10
L33	<1	235	<10	<0.1	440	<1	<10	3	6	32	<100	40	<1	0.5	<0.5	158	<1	3	<5	11	<5	9	2	30	20	<1	<1	<1	26	<1	12	<1	1	200	<1	<1	<10	3.2	2740	<0.5	2	<1	<5	<1	50	23
L34	<1	186	<10	<0.1	540	<1	10	6	8	57	<100	40	<1	0.6	<0.5	125	<1	4	<5	7	<5	5.2	3	42	10	<1	<1	<1	57	<1	18	<1	<1	350	<1	<1	<10	3.2	2060	<0.5	2	<1	<5	<1	110	15
L35	1	124	<10	<0.1	260	<1	20	3	<5	39	<100	50	2	2.4	<0.5	152	<1	2	<5	2	22	0.5	2	22	40	<1	<1	<1	26	<1	30	<1	<1	220	<1	<1	<10	3.4	169	<0.5	6	<1	12	5	40	6
L36	<1	272	<10	<0.1	560	<1	<10	3	<5	1																																				

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
R05	1	>300	<10	<0.1	160	<1	<10	<1	9	17	<100	110	2	1.6	<0.5	96	1	5	<5	2	<5	1.8	4	78	<10	<1	1	<1	94	<1	11	1	<1	40	<1	<1	<10	2.8	553	<0.5	2	<1	7	2	40	9
R06	<1	>300	<10	<0.1	1390	<1	130	8	<5	30	<100	40	<1	0.6	<0.5	100	<1	<1	6	30	<5	1.1	<1	41	<10	<1	<1	<1	12	<1	15	<1	<1	1520	<1	<1	<10	1	174	<0.5	1	<1	<5	<1	430	<5
R07	50	168	20	<0.1	580	<1	20	48	81	20	<100	10700	1270	916	83.9	3	398	71	<5	2	135	<0.5	391	21	90	<1	63	<1	20	7	149	194	<1	200	2	128	<10	25	25	1.1	1140	6	7150	626	500	<5
R08	3	>300	<10	<0.1	150	<1	<10	<1	<5	7	<100	100	<1	0.7	<0.5	147	<1	2	<5	<1	6	1.2	2	26	20	<1	<1	<1	93	<1	7	<1	<1	20	<1	<1	<10	3.1	248	<0.5	2	<1	<5	<1	<20	5
R09	8	>300	<10	<0.1	940	2	60	2	25	23	<100	610	9	7.5	1.1	271	6	16	<5	8	19	3.3	19	49	10	<1	4	<1	143	<1	13	5	<1	530	<1	1	<10	17.1	806	<0.5	28	<1	47	7	60	7
R11	3	>300	<10	<0.1	250	<1	<10	<1	11	10	<100	70	1	1.3	<0.5	126	1	7	<5	2	<5	7.4	5	87	<10	<1	1	<1	16	<1	12	1	<1	50	<1	<1	<10	6.8	1840	<0.5	4	<1	6	2	40	11
R12	2	104	<10	<0.1	370	<1	100	6	5	68	<100	110	5	5	0.6	148	3	3	<5	4	125	0.5	6	15	20	<1	1	<1	11	1	14	2	<1	390	<1	<1	<10	4.2	145	<0.5	204	<1	33	5	270	<5
R13	4	110	<10	<0.1	150	2	60	37	16	25	<100	90	5	2.9	1.7	40	6	11	<5	13	15	8	20	44	130	<1	4	<1	104	<1	30	5	5	110	<1	<1	<10	6.7	2480	<0.5	4	2	25	3	860	31
R14	<1	8	<10	<0.1	290	<1	230	57	<5	<5	<100	60	2	1.1	<0.5	3	2	5	<5	36	16	<0.5	7	12	70	<1	1	<1	29	<1	<5	2	<1	900	<1	<1	<10	0.6	21	<0.5	4	<1	12	<1	2670	<5
R15	44	154	<10	<0.1	720	<1	250	30	27	31	<100	340	33	24.2	5.4	25	31	38	<5	7	55	3.3	71	23	220	<1	13	<1	79	<1	20	21	<1	590	<1	5	<10	9.5	1170	<0.5	382	<1	246	19	550	9
R16	15	178	20	<0.1	190	4	70	31	22	15	<100	250	4	3	1.1	87	4	8	<5	5	21	10.1	13	53	280	<1	3	<1	39	<1	31	3	3	120	<1	<1	<10	9.7	4900	<0.5	5	2	23	3	700	32
R17	23	159	<10	<0.1	300	<1	210	87	58	68	<100	1050	31	20.6	7.7	80	33	77	<5	5	9	4.8	87	39	90	<1	18	<1	52	<1	39	23	<1	290	<1	5	<10	7	1110	<0.5	74	<1	256	15	180	21
R18	22	>300	<10	<0.1	520	1	30	18	15	42	<100	640	11	8.9	1.6	109	7	9	<5	3	7	3.2	15	47	110	<1	3	<1	63	<1	22	5	1	130	<1	1	<10	6.5	1530	<0.5	13	<1	69	7	330	11
R19	55	>300	<10	<0.1	70	<1	<10	25	18	47	<100	980	15	10.7	1.5	25	7	7	<5	<1	<5	1.6	12	69	140	<1	2	<1	95	<1	47	4	<1	<10	<1	2	<10	5.6	197	<0.5	5	<1	60	8	370	23
R20	2	>300	<10	<0.1	200	<1	20	26	19	23	<100	350	4	2.8	0.6	100	2	5	<5	4	<5	3.6	7	27	70	<1	1	<1	33	<1	13	2	<1	70	<1	<1	<10	6	653	<0.5	4	<1	17	3	540	15
R21	34	94	<10	<0.1	70	<1	<10	24	27	7	<100	310	9	6.6	1.7	13	7	11	<5	<1	<5	<0.5	22	15	230	<1	4	<1	32	<1	17	5	<1	<10	<1	1	<10	1.5	26	<0.5	3	<1	63	5	40	<5
R22	24	>300	<10	<0.1	130	3	<10	44	22	68	<100	3350	8	6	0.9	60	4	10	<5	1	5	2.9	10	33	140	<1	2	<1	37	<1	23	3	<1	20	<1	<1	<10	9.3	916	<0.5	5	<1	34	6	1450	27
R23	23	>300	<10	<0.1	140	1	<10	45	15	36	<100	2240	2	2.2	<0.5	121	2	7	<5	<1	13	10.5	5	50	110	<1	1	<1	95	<1	15	1	1	20	<1	<1	<10	10.2	2130	<0.5	27	2	11	2	140	35
R24	15	232	<10	<0.1	370	3	30	17	11	45	<100	290	1	1.6	<0.5	168	<1	2	<5	7	7	7.6	2	126	260	<1	<1	<1	55	<1	13	<1	<1	110	<1	<1	<10	11.2	1070	<0.5	5	1	8	2	450	16
R26	76	166	<10	<0.1	150	<1	20	45	7	56	<100	1040	8	6.7	0.5	45	2	3	<5	1	<5	1.9	4	56	5800	<1	<1	<1	36	<1	19	1	<1	90	<1	<1	<10	3.3	375	<0.5	5	<1	43	5	370	9
R27	<1	9	<10	<0.1	240	<1	380	9	<5	19	<100	1380	<1	<0.5	<0.5	22	<1	<1	<5	6	27	<0.5	<1	11	20	<1	<1	<1	<5	3	<5	<1	430	<1	<1	<10	<0.5	8	<0.5	10	65	<5	<1	1540	<5	
R28	<1	9	<10	<0.1	560	<1	390	33	<5	20	<100	700	<1	<0.5	<0.5	8	<1	<1	<5	7	287	<0.5	1	14	<10	<1	<1	<1	5	3	<5	<1	480	<1	<1	<10	<0.5	<3	<0.5	22	832	<5	<1	610	<5	
R29	1	37	<10	<0.1	530	<1	400	46	<5	25	<100	1080	<1	<0.5	<0.5	9	<1	<1	<5	8	166	<0.5	2	40	<10	<1	<1	<1	9	3	<5	<1	620	<1	<1	<10	<0.5	<3	<0.5	25	107	6	<1	2760	<5	
R30	7	171	<10	<0.1	120	<1	<10	8	<5	34	<100	370	1	1.4	<0.5	88	<1	2	<5	2	5	1	2	33	30	<1	<1	<1	15	<1	10	<1	60	<1	<1	<10	1.3	217	<0.5	2	<1	<5	2	70	9	
R31	5	>300	<10	<0.1	140	<1	30	18	<5	46	<100	430	2	2	<0.5	98	<1	2	<5	4	<5	1.7	2	60	20	<1	<1	<1	6	<1	16	<1	140	<1	<1	<10	1.8	771	<0.5	3	<1	8	3	150	8	
R32	<1	>300	<10	<0.1	410	<1	50	8	<5	31	<100	40	<1	0.6	<0.5	156	<1	2	5	8	<5	4.5	1	47	10	<1	<1	<1	<5	<1	17	<1	340	<1	<1	<10	2.1	1860	<0.5	2	<1	<5	<1	480	9	
R33	76	>300	40	0.4	270	7	<10	36	121	51	<100	640	22	12.3	4.8	128	23	49	<5	<1	7	21.7	77	25	780	<1	16	<1	62	2	55	20	1	10	1	4	<10	9.4	9480	<0.5	6	4	119	10	430	89
R34	14	>300	<10	<0.1	590	<1	20	38	20	120	<100	1210	8	4.7	1.1	89	5	9	<5	3	<5	1.4	14	98	30	<1	3	<1	77	<1	18	4	<1	80	<1	1	<10	3.1	489	<0.5	2	<1	36	4	510	16
R35	41	>300	10	<0.1	70	<1	<10	62	24	92	<100	1510	16	10.5	1.9	23	9	9	<5	<1	6	1.3	21	85	140	<1	4	<1	84	1	83	5	<1	20	<1	2	<10	1.8	317	<0.5	5	<1	94	9	550	82
R36	<1	16	<10	<0.1	880	<1	310	53	<5	28	<100	1050	15	19.4	1	4	6	2	<5	13	<5	<0.5	5	23	100	<1	<1	<1	42	<1	7	2	<1	650	<1	1	<10	<0.5	<3	<0.5	31	<1	214	21	1990	<5
R37	<1	56	<10	<0.1	1140	<1	240	<1	7	63	<100	470	2	1.5	<0.5	42	2	3	<5	6	18	<0.5	7	46	<10	<1	1	<1	12	<1	9	2	<1	700	<1	<1	<10	<0.5	10	<0.5	15	<1	18	1	230	<5
G01	2	215	<10	<0.1	830	<1	60	11	<5	23	<100	80	<1	1.4	<0.5	118	<1	1	17	14	<5	1.6	2	16	20	<1	<1	<1	10	<1	15	<1	720	<1	<1	<10	3.8	878	<0.5	4	<1	6	2	190	6	
G02	<1	119	<10	<0.1	1270	<1	70	12	27	187	<100	200	5	5	0.8	191	3	6	<5	12	21	2.9	10	18	30	<1	2	<1	91	<1	21															

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
G18	3	204	<10	<0.1	330	<1	<10	3	7	41	<100	480	1	1.6	<0.5	178	<1	3	<5	3	5	2.9	3	136	30	<1	<1	<1	56	<1	12	<1	<1	80	<1	<1	<10	5.1	814	<0.5	3	<1	9	3	70	9
G19	6	163	<10	<0.1	110	<1	<10	11	6	13	<100	190	8	6.5	0.6	37	3	2	<5	1	<5	<0.5	6	33	90	<1	1	<1	100	<1	22	2	<1	<10	<1	<1	<10	3	70	<0.5	3	<1	45	5	90	<5
G20	2	254	<10	<0.1	360	<1	<10	5	<5	9	<100	40	<1	<0.5	<0.5	109	<1	2	<5	3	<5	2.9	1	62	10	<1	<1	<1	41	<1	6	<1	<1	90	<1	<1	<10	1.2	481	<0.5	<1	<1	<5	<1	30	9
G21	<1	127	<10	<0.1	1000	<1	40	4	8	12	<100	60	5	6.6	0.7	74	3	4	<5	4	74	0.7	6	12	30	<1	1	<1	20	<1	66	2	<1	360	<1	<1	<10	9.4	77	<0.5	14	<1	36	12	240	7
G22	<1	>300	<10	<0.1	190	<1	<10	3	5	9	<100	30	2	2.1	<0.5	57	<1	3	<5	2	5	4.8	3	35	10	<1	<1	<1	15	<1	20	<1	1	70	<1	<1	<10	5.4	1580	<0.5	2	<1	9	3	90	12
G23	<1	201	<10	<0.1	130	<1	<10	7	11	12	<100	80	3	3	0.5	90	3	7	<5	4	6	5.5	6	13	50	<1	1	<1	57	<1	31	2	1	30	<1	<1	<10	6.3	2620	<0.5	5	1	18	3	230	15
G24	<1	252	<10	<0.1	330	<1	20	2	<5	31	<100	20	1	2	<0.5	45	<1	2	<5	8	<5	1.5	2	107	20	<1	<1	<1	18	<1	19	<1	<1	170	<1	<1	<10	4	286	<0.5	3	<1	5	4	90	<5
G25	<1	261	<10	<0.1	450	<1	10	9	11	58	<100	130	6	6.7	<0.5	61	3	4	7	10	<5	1.6	7	28	70	<1	1	<1	51	<1	31	2	<1	360	<1	<1	<10	6.7	469	<0.5	2	<1	37	9	730	11
G26	<1	256	<10	<0.1	290	<1	30	6	6	24	<100	60	1	1.9	<0.5	62	1	3	<5	8	<5	2.9	3	52	30	<1	<1	<1	16	<1	17	<1	<1	210	<1	<1	<10	5.3	780	<0.5	2	<1	8	2	350	8
G27	2	185	<10	<0.1	290	<1	40	15	6	15	<100	150	1	0.9	<0.5	51	1	3	<5	5	14	2.6	4	9	50	<1	<1	<1	114	<1	16	1	<1	220	<1	<1	<10	4.2	819	<0.5	<1	1	8	<1	500	7
L542300E 6072500N	8	249	10	<0.1	190	<1	<10	9	11	14	<100	450	1	1.2	<0.5	121	1	5	<5	<1	<5	3.6	5	123	60	<1	1	<1	43	<1	11	1	<1	20	<1	<1	<10	3	1460	0.8	3	<1	7	2	30	19
L542325E 6072500N	4	227	20	<0.1	190	<1	<10	16	38	142	<100	320	30	27.1	3.2	65	12	23	<5	<1	<5	9	30	80	230	<1	7	<1	59	<1	32	9	<1	30	<1	3	<10	5.7	1450	0.6	9	<1	190	21	200	42
L542350E 6072500N	7	231	20	<0.1	220	<1	<10	25	45	84	<100	500	24	13.4	4	91	15	21	<5	<1	<5	5.3	34	86	340	<1	7	<1	70	<1	36	10	<1	50	<1	4	<10	4.3	1770	0.6	7	<1	142	9	210	30
L542375E 6072500N	14	208	20	<0.1	400	<1	20	15	193	184	<100	370	138	86.5	32.5	69	107	80	<5	1	<5	4.8	247	82	280	<1	47	<1	97	<1	76	76	<1	130	<1	22	<10	7.7	597	0.5	20	1	1060	63	380	59
L542400E 6072500N	8	>300	30	<0.1	270	<1	<10	7	72	33	<100	610	16	10.6	3.6	325	12	37	<5	<1	8	11.8	38	204	70	<1	10	<1	59	<1	50	10	2	90	<1	3	<10	23.3	7180	0.7	18	<1	86	11	110	111
L542425E 6072500N	8	236	10	<0.1	360	<1	20	9	13	41	<100	300	11	6.4	1.5	134	5	6	<5	1	<5	2.4	8	46	1040	<1	2	<1	172	<1	16	3	<1	130	<1	1	<10	5.4	504	0.8	9	<1	60	5	310	24
L542450E 6072500N	1	243	<10	<0.1	320	<1	<10	3	9	14	<100	50	<1	<0.5	<0.5	210	<1	4	<5	2	<5	4.8	4	105	<10	<1	1	<1	51	<1	9	<1	<1	330	<1	<1	<10	2.5	876	<0.5	2	<1	<5	<1	30	22
L542475E 6072500N	21	247	20	<0.1	370	<1	40	31	143	176	<100	600	50	24.5	11.7	100	43	43	<5	2	<5	3.2	99	167	300	<1	19	<1	81	<1	31	30	<1	290	<1	9	<10	4.5	1370	<0.5	8	<1	287	16	740	27
L542500E 6072500N	<1	162	30	<0.1	400	<1	20	2	10	7	<100	50	1	0.7	<0.5	334	1	5	<5	3	<5	6.3	4	43	20	<1	1	<1	37	<1	7	<1	<1	520	<1	<1	<10	4.1	1210	<0.5	3	<1	7	<1	100	47
L542525E 6072500N	5	280	20	<0.1	270	<1	<10	14	24	77	<100	220	5	3.5	1.1	143	4	9	<5	2	<5	2	11	47	70	<1	3	<1	66	<1	14	3	<1	70	<1	<1	<10	4.3	967	<0.5	3	<1	24	3	300	30
L542550E 6072500N	2	>300	30	<0.1	700	1	60	29	40	215	<100	340	11	6.7	2.4	369	8	17	<5	14	5	9.7	22	89	320	<1	5	<1	84	<1	24	7	<1	430	<1	2	<10	9.8	1830	<0.5	9	<1	53	6	1310	54
L542575E 6072500N	2	>300	30	<0.1	970	2	60	7	23	76	<100	140	3	2.3	0.9	463	3	11	18	14	<5	8.5	11	88	220	<1	3	<1	63	<1	32	3	<1	700	<1	<1	<10	13	1680	0.5	7	<1	19	2	560	49
L542600E 6072500N	2	240	10	<0.1	590	4	10	67	12	46	<100	250	4	3.1	0.8	83	3	5	<5	8	<5	5.8	9	124	440	<1	2	<1	227	<1	53	2	2	350	<1	<1	<10	16.7	1620	0.5	4	1	23	3	2870	53
L542625E 6072500N	3	>300	30	<0.1	460	<1	<10	8	35	200	<100	290	8	6	1.5	186	6	13	<5	4	<5	2.7	17	44	120	<1	4	<1	99	<1	30	5	<1	110	<1	1	<10	7.3	1480	<0.5	4	1	37	6	840	42
L542675E 6072500N	<1	246	120	<0.1	240	<1	30	13	10	97	<100	230	3	2.6	<0.5	182	2	3	5	4	<5	2.8	4	32	390	<1	<1	<1	59	<1	13	1	<1	200	<1	<1	<10	3.6	616	<0.5	3	<1	15	2	1370	23
L542700E 6072500N	2	242	<10	<0.1	420	<1	<10	7	<5	17	<100	30	<1	<0.5	<0.5	137	<1	<1	<5	2	<5	1.3	<1	74	<10	<1	<1	<1	31	<1	<5	<1	<1	190	<1	<1	<10	0.8	249	<0.5	2	<1	<5	<1	50	8
L542725E 6072500N	7	221	60	<0.1	610	<1	150	24	177	74	<100	500	60	29.8	20.4	74	66	81	<5	4	7	2	163	214	310	<1	34	<1	110	1	40	52	<1	430	<1	11	<10	9	597	<0.5	10	<1	318	22	1440	36
L542750E 6072500N	5	277	40	<0.1	460	<1	<10	8	12	40	<100	260	1	1.4	<0.5	133	<1	4	5	7	<5	7.1	4	136	20	<1	<1	<1	37	<1	12	<1	<1	280	<1	<1	<10	3.3	1750	<0.5	3	<1	7	2	170	28
L542775E 6072500N	3	290	60	<0.1	310	1	20	8	88	101	<100	200	17	8.8	5.6	251	17	31	<5	3	<5	6.1	47	44	250	<1	11	<1	18	2	32	15	<1	150	<1	3	<10	11.2	2190	<0.5	9	<1	85	8	480	48
L542800E 6072500N	2	190	10	<0.1	450	<1	60	8	<5	19	<100	60	<1	<0.5	<0.5	139	<1	<1	<5	50	<5	3.3	2	102	30	<1	<1	<1	89	<1	17	<1	<1	2550	<1	<1	<10	6.6	1050	<0.5	1	<1	<5	<1	1540	30
L542825E 6072500N	2	252	20	<0.1	140	<1	<10	8	9	14	<100	50	1	0.9	<0.5	150	<1	4	<5	2	<5	18.1	4	54	40	<1	1	<1	66	1	18	<1	3	110	<1	<1	<10	4.3	4310	<0.5	2	1	6	<1	260	39
L542850E 6072500N	<1	285	20	<0.1	540	<1	20	27	34	46	<100	140	41	26.1	6.7	52	26	18	<5	4	<5	5	44	51	250	<1	8	<1	137	<1	36	15	<1	230	<1	6	<10	6.1	1150	<0.5	7	<1	292			

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L542925E 6072000N	2	184	<10	<0.1	150	<1	10	13	8	21	<100	90	1	0.8	<0.5	33	2	3	<5	6	<5	6.2	6	47	120	<1	1	<1	149	<1	13	1	2	210	<1	<1	<10	3.1	1330	<0.5	1	<1	8	<1	530	26
L542950E 6072000N	<1	179	20	<0.1	290	1	20	3	<5	10	<100	20	<1	<0.5	<0.5	307	<1	<1	5	10	<5	9.4	<1	14	<10	<1	<1	<1	73	<1	7	<1	<1	420	<1	<1	<10	2.2	2440	0.5	1	<1	<5	<1	60	16
L542975E 6072000N	<1	299	20	<0.1	700	3	40	14	11	118	<100	120	4	5.2	0.5	238	3	4	16	13	11	9.1	6	128	40	<1	1	<1	151	1	89	2	<1	850	<1	<1	<10	9.5	1950	0.6	3	2	36	10	1160	45
L543000E 6072000N	<1	>300	<10	<0.1	320	<1	20	4	<5	22	<100	<10	<1	<0.5	<0.5	113	<1	<1	9	8	<5	<0.5	<1	17	<10	<1	<1	<1	33	<1	10	<1	<1	540	<1	<1	<10	1.7	91	<0.5	1	<1	<5	<1	130	7
L543025E 6072000N	<1	>300	40	<0.1	920	2	60	12	11	51	<100	150	3	2.1	0.5	377	2	5	<5	28	7	30.9	6	90	60	<1	1	<1	69	2	31	2	4	850	2	<1	<10	7.1	13600	<0.5	4	2	18	2	450	52
L543050E 6072000N	<1	136	<10	<0.1	60	2	130	21	<5	20	<100	130	<1	0.8	<0.5	46	<1	<1	<5	21	<5	<0.5	2	105	120	<1	<1	<1	159	<1	9	<1	<1	360	<1	<1	<10	3.6	71	0.6	<1	<1	6	1	2150	9
L543075E 6072000N	5	>300	20	<0.1	200	<1	160	13	99	279	<100	490	26	13.3	6.3	208	26	40	<5	7	7	1.9	69	142	260	<1	15	<1	134	<1	43	20	<1	280	<1	5	<10	6.3	1590	<0.5	5	<1	140	10	1470	31
L543100E 6072000N	38	112	<10	<0.1	100	<1	40	10	61	52	<100	380	34	19.8	6.3	22	27	20	<5	2	<5	<0.5	55	38	150	<1	10	<1	89	<1	20	18	<1	120	<1	5	<10	1.1	29	<0.5	3	<1	243	13	160	<5
L543125E 6072000N	2	118	<10	<0.1	130	<1	300	31	69	23	<100	140	16	8.9	5.3	20	19	21	<5	5	<5	<0.5	50	87	30	<1	10	<1	16	<1	5	15	<1	460	<1	3	<10	1.1	48	<0.5	2	<1	104	7	1050	6
L543150E 6072000N	6	229	50	<0.1	500	<1	130	10	70	47	<100	280	20	11.1	5.2	100	19	20	<5	3	<5	5.6	39	69	200	<1	8	<1	108	1	29	13	<1	280	<1	4	<10	9.3	3090	<0.5	7	<1	124	8	360	66
L-69100N-41125E	12	14	<10	<0.1	1910	<1	440	29	19	92	<100	1930	7	3.6	2.8	9	10	24	<5	24	21	0.7	27	158	60	<1	7	<1	58	<1	7	6	<1	2130	<1	1	<10	4.4	11	4.4	8	4	43	2	370	25
L-69100N-41150E	9	>300	120	0.2	1880	2	30	33	144	231	<100	790	41	19.8	10.5	252	39	81	5	3	15	3.1	107	142	420	<1	23	<1	177	5	76	31	<1	290	<1	7	<10	23.6	1850	2.9	11	4	179	14	1300	67
L-69100N-41175E	9	111	90	<0.1	1510	<1	270	23	227	414	<100	1180	47	23.3	19.8	120	66	128	5	21	7	1.2	195	472	130	<1	41	<1	86	6	80	51	<1	870	<1	9	<10	13.7	612	2.6	9	2	274	19	500	46
L-69100N-41200E	20	175	<10	<0.1	260	<1	<10	19	13	19	<100	430	7	5.5	1.1	67	4	8	<5	<1	<5	0.5	10	50	200	<1	3	<1	83	<1	20	3	<1	30	<1	<1	<10	3.5	252	1.5	3	<1	31	4	110	10
L-69100N-41225E	1	108	<10	<0.1	760	<1	40	2	81	30	<100	30	<1	<0.5	0.5	308	1	27	<5	8	<5	0.9	16	179	<10	<1	6	<1	89	<1	7	2	<1	280	<1	<1	<10	1.9	201	1.8	2	<1	<5	<1	70	8
L-69100N-41250E	19	82	60	<0.1	1100	<1	280	22	206	143	<100	940	26	12.2	12.1	45	40	73	<5	19	7	<0.5	115	184	70	<1	25	<1	83	4	34	33	<1	1140	<1	5	<10	8.7	271	1.9	10	<1	128	9	180	27
L-69100N-41275E	11	90	60	<0.1	620	<1	190	20	277	120	<100	380	57	28.2	23.6	84	80	146	<5	10	8	0.5	240	148	140	<1	51	<1	114	2	45	66	<1	490	<1	12	<10	11.4	275	1.9	17	1	294	22	960	21
L-69100N-41300E	<1	116	<10	<0.1	510	<1	20	<1	58	<5	<100	40	1	<0.5	0.9	165	4	54	<5	3	<5	1	33	22	10	<1	11	<1	59	<1	11	4	<1	160	<1	<1	<10	3	311	1.1	1	<1	8	<1	70	8
L-69100N-41325E	6	201	30	<0.1	200	<1	<10	<1	39	18	<100	170	6	4.3	1.7	303	6	27	<5	<1	6	1.3	21	149	70	<1	5	<1	72	<1	27	5	<1	20	<1	<1	<10	9	706	1.4	6	<1	26	4	120	23
L-69100N-41350E	8	248	20	<0.1	240	<1	<10	7	30	48	<100	560	4	4.1	1.2	219	4	19	<5	1	<5	0.8	15	175	40	<1	4	<1	101	<1	11	3	<1	60	<1	<1	<10	3.6	507	1.1	2	<1	18	5	140	24
L-69100N-41375E	<1	142	<10	<0.1	660	<1	30	5	45	12	<100	10	1	<0.5	0.7	79	2	44	<5	17	<5	1.8	26	53	<10	<1	9	<1	67	<1	10	3	<1	660	<1	<1	<10	4.7	172	1.2	2	<1	<5	<1	150	9
L-69100N-41400E	7	211	30	<0.1	240	<1	<10	4	30	9	<100	290	5	5.5	1	246	4	14	<5	<1	<5	4.1	14	112	130	<1	4	<1	49	<1	24	3	<1	40	<1	<1	<10	6	2250	0.9	6	1	23	5	60	29
L-69100N-41425E	14	177	<10	<0.1	730	<1	50	16	87	20	<100	560	61	29.7	16.5	36	63	49	<5	4	<5	<0.5	136	73	260	<1	24	<1	75	<1	41	44	<1	380	<1	10	<10	5.4	322	0.9	5	<1	353	18	400	13
L-69100N-41450E	13	176	10	<0.1	190	<1	10	7	60	59	<100	630	50	31.4	9	101	32	29	<5	1	10	1.5	75	43	260	<1	15	<1	44	1	52	25	<1	130	<1	7	<10	4.4	1130	0.8	13	<1	218	21	140	14
L-69100N-41475E	2	60	<10	<0.1	670	<1	120	5	33	16	<100	50	2	0.9	0.9	36	3	33	<5	16	<5	<0.5	24	55	20	<1	8	<1	45	<1	5	4	<1	1350	<1	<1	<10	2.7	105	0.8	1	<1	9	<1	240	<5
L-69100N-41500E	6	209	<10	<0.1	270	<1	10	6	8	42	<100	180	1	1.3	<0.5	123	1	5	6	3	<5	0.8	5	51	40	<1	1	<1	30	<1	13	1	<1	160	<1	<1	<10	2.9	415	0.5	4	<1	7	2	220	9
L-69100N-41525E	13	180	<10	<0.1	200	<1	<10	16	14	23	<100	360	4	3	0.7	84	2	6	<5	<1	<5	0.9	8	46	140	<1	2	<1	59	<1	14	2	<1	50	<1	<1	<10	2.6	454	<0.5	3	<1	17	2	240	12
L-69100N-41550E	23	224	20	<0.1	340	<1	<10	29	96	55	<100	500	29	12.8	6.7	53	26	30	<5	1	<5	1.4	60	69	390	<1	12	<1	276	<1	65	19	<1	50	<1	<1	<10	11.8	1090	0.6	8	<1	119	8	300	56
L-69100N-41575E	3	240	<10	<0.1	320	<1	<10	3	7	27	<100	90	<1	<0.5	<0.5	173	<1	3	<5	3	<5	0.7	3	79	<10	<1	<1	<1	12	<1	13	<1	<1	230	<1	5	<10	1.5	246	<0.5	1	<1	<5	<1	70	6
L-69100N-41600E	21	240	60	<0.1	500	<1	60	16	69	77	<100	360	22	8.7	7.2	226	26	40	<5	2	8	0.9	60	62	130	<1	12	<1	82	1	36	19	<1	410	<1	4	<10	8.1	606	0.9	4	<1	97	6	180	20
L-69100N-41625E	22	159	20	<0.1	580	<1	140	20	39	16	<100	370	115	69	32.2	23	130	68	<5	7	<5	<0.5	225	78	200	<1	37	<1	103	<1	79	85	<1	600	<1	19	<10	3.8	354	0.6	12	<1	769	45	160	11
L-69100N-41650E	1	115	<10	<0.1	990	<1	110	2	14	77	<100	40	1	<0.5	0.6	206	1	7	6	22	<5	0.8	7	65	<10	<1																				

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-69100N-42075E	5	148	<10	<0.1	110	<1	20	11	41	19	<100	380	43	19.5	9.2	18	39	15	<5	<1	<5	<0.5	69	44	200	<1	11	<1	42	<1	26	25	<1	120	<1	7	<10	1.3	216	0.5	3	<1	208	11	190	7
L-69100N-42100E	2	161	<10	<0.1	710	<1	60	2	8	104	<100	40	3	2.2	0.9	104	3	10	7	5	<5	0.5	12	54	<10	<1	3	<1	6	<1	32	3	<1	990	<1	<1	<10	1.1	256	<0.5	314	<1	23	4	40	8
L-69100N-42125E	<1	89	<10	<0.1	500	<1	50	1	17	9	<100	<10	<1	<0.5	<0.5	62	<1	8	<5	12	<5	2.7	7	42	<10	<1	2	<1	50	<1	<5	<1	<1	690	<1	<1	<10	2	195	<0.5	2	<1	<5	<1	120	7
L-69100N-42150E	<1	108	<10	<0.1	330	2	40	6	15	18	<100	80	<1	0.6	<0.5	84	<1	6	<5	5	5	16.9	5	81	30	<1	2	<1	68	1	20	<1	3	470	<1	<1	<10	6.3	2380	0.6	2	1	<5	<1	430	38
L-69100N-42175E	2	96	<10	<0.1	60	<1	<10	<1	7	8	<100	70	<1	1.4	<0.5	320	<1	2	<5	2	<5	2	3	118	<10	<1	<1	<1	14	<1	7	<1	<1	90	<1	<1	<10	1.3	964	<0.5	<1	<1	<5	3	<20	11
L-69100N-42200E	3	141	<10	<0.1	80	<1	<10	<1	7	6	<100	30	<1	1	<0.5	254	<1	2	<5	<1	<5	0.8	3	183	<10	<1	<1	<1	38	<1	15	<1	<1	20	<1	<1	<10	1.2	360	<0.5	2	<1	<5	2	<20	8
L-69100N-42225E	2	121	<10	<0.1	80	<1	<10	<1	20	8	<100	60	1	0.7	<0.5	313	1	4	<5	2	<5	2	5	74	<10	<1	1	<1	37	<1	15	1	<1	20	<1	<1	<10	1.9	1050	<0.5	1	<1	<5	1	40	18
L-69100N-42250E	<1	145	<10	<0.1	770	<1	250	4	8	184	<100	20	1	1.1	<0.5	191	<1	3	<5	23	<5	<0.5	3	63	<10	<1	<1	<1	63	<1	19	<1	<1	3270	<1	<1	<10	0.6	146	<0.5	3	<1	7	4	110	5
L-69100N-42275E	7	165	<10	<0.1	240	<1	50	16	16	33	<100	550	12	9.1	1	194	4	6	<5	3	<5	22.9	9	132	100	<1	2	<1	75	<1	19	3	<1	310	<1	1	<10	4.1	926	<0.5	4	<1	66	6	230	18
L-69100N-42300E	<1	103	>300	<0.1	420	2	20	3	23	13	<100	30	<1	<0.5	<0.5	66	<1	7	<5	10	<5	3.5	6	60	10	<1	2	<1	69	<1	14	1	2	360	1	<1	<10	4.2	1950	0.5	2	1	<5	<1	260	42
L-69100N-42325E	2	199	<10	<0.1	160	<1	40	49	20	21	<100	590	29	18.5	2.9	84	14	8	<5	6	<5	1	19	86	70	<1	3	<1	132	<1	19	7	<1	130	<1	4	<10	3.1	685	0.7	3	<1	145	14	4130	19
L-69100N-42350E	5	286	<10	<0.1	90	<1	<10	3	<5	22	<100	160	<1	1.2	<0.5	60	<1	<1	<5	<1	<5	0.6	2	42	<10	<1	<1	<1	56	<1	6	<1	<1	10	<1	<1	<10	0.8	323	<0.5	<1	<1	<5	1	90	10
L-69100N-42375E	2	229	<10	<0.1	250	<1	<10	3	<5	17	<100	100	<1	1.3	<0.5	78	<1	1	<5	<1	<5	0.6	2	54	<10	<1	<1	<1	56	<1	11	<1	<1	40	<1	<1	<10	1.1	233	0.6	3	<1	<5	2	40	9
L-69100N-42400E	6	240	<10	<0.1	630	<1	<10	3	22	39	<100	190	3	2.4	1	84	4	45	<5	1	<5	2.3	32	53	20	<1	10	<1	48	<1	19	4	<1	10	<1	<1	<10	2.9	1580	0.9	3	<1	14	3	60	24
M01	19	>300	10	<0.1	880	<1	80	8	133	275	<100	1050	58	30.1	11.9	114	52	55	<5	12	<5	12.2	136	82	40	<1	25	<1	82	<1	69	42	1	600	<1	9	<10	5.9	7930	<0.5	18	1	289	22	1790	166
M02	24	>300	20	<0.1	1410	<1	30	9	186	73	<100	430	49	23.6	11	47	48	47	<5	6	<5	6.2	123	48	70	<1	23	<1	177	<1	92	39	<1	220	<1	8	<10	9.2	3940	<0.5	8	1	200	18	890	198
M03	16	146	<10	<0.1	710	<1	90	6	75	23	<100	170	24	12.5	5.3	33	23	22	<5	8	<5	2.7	56	18	80	<1	10	<1	216	<1	73	18	<1	280	<1	4	<10	4.5	1360	<0.5	5	<1	112	9	210	78
M04	7	>300	<10	<0.1	790	<1	30	8	69	112	<100	210	30	17.4	5.1	101	22	22	<5	6	<5	7.1	49	59	70	<1	9	<1	155	<1	57	16	<1	120	<1	4	<10	7	2860	<0.5	5	<1	140	13	1170	109
M05	2	>300	<10	<0.1	580	<1	<10	4	32	268	<100	500	19	15.7	2.2	85	11	12	<5	4	<5	2.7	24	72	40	<1	5	<1	85	<1	80	8	<1	110	<1	2	<10	4.8	1570	<0.5	5	<1	92	15	1450	81
M06	12	>300	20	<0.1	1960	<1	50	6	590	64	<100	370	204	95.7	42.9	60	202	238	<5	8	<5	3.8	547	50	60	<1	105	<1	191	<1	213	166	<1	300	<1	35	<10	9.3	3550	<0.5	12	1	920	65	470	159
M07	3	>300	<10	<0.1	1050	<1	230	9	56	126	<100	160	40	21.4	10.3	86	47	48	<5	23	<5	7.5	117	50	90	<1	21	<1	66	<1	44	34	<1	1640	<1	7	<10	5.3	3330	<0.5	12	<1	273	15	620	71
M08	7	>300	10	<0.1	1440	<1	150	12	83	80	<100	290	102	46.3	25.4	92	122	173	<5	24	<5	6.8	360	93	80	<1	69	<1	114	<1	58	100	<1	610	<1	18	<10	5.5	3970	<0.5	6	1	583	28	940	71
M09	4	>300	<10	<0.1	1050	<1	190	9	34	113	<100	220	24	14.4	4.5	108	22	20	<5	23	<5	2.9	51	58	140	<1	9	<1	76	<1	75	16	<1	820	<1	4	<10	3.7	2690	<0.5	5	<1	132	12	1190	62
M10	6	>300	10	<0.1	760	<1	30	5	20	120	<100	170	7	4.4	0.9	140	4	5	<5	9	<5	5	9	73	80	<1	2	<1	112	<1	33	3	<1	170	<1	<1	<10	3.8	4460	<0.5	2	<1	34	4	720	59
M11	23	>300	20	<0.1	970	<1	20	3	119	93	<100	1070	40	22.8	7.3	116	33	26	<5	7	<5	11	69	79	70	<1	12	<1	212	<1	113	25	<1	90	<1	6	<10	9.8	7360	<0.5	8	1	177	18	450	199
M12	24	184	<10	<0.1	150	<1	10	3	67	176	<100	770	22	9.7	4.7	76	25	21	<5	3	6	3.5	66	44	50	<1	11	<1	117	<1	65	21	<1	20	<1	4	<10	5.7	2070	<0.5	6	<1	79	6	620	68
M13	11	>300	<10	<0.1	1180	<1	30	4	81	73	<100	380	17	8.2	4	112	17	24	<5	3	<5	5.3	47	27	50	<1	10	<1	140	<1	72	14	<1	170	<1	3	<10	9.5	4590	<0.5	5	<1	90	6	490	150
M14	3	88	<10	<0.1	750	<1	370	26	58	31	<100	440	127	74.7	33.7	10	168	87	<5	30	<5	<0.5	300	55	30	<1	17	<1	69	<1	27	107	<1	1770	<1	22	<10	0.8	66	<0.5	46	<1	742	44	320	8
M15	14	>300	<10	<0.1	670	<1	120	17	43	154	<100	230	31	16.9	5.3	75	24	16	<5	16	<5	4.2	47	101	50	<1	8	<1	54	<1	46	16	<1	590	<1	4	<10	5.5	4110	<0.5	6	<1	159	12	1000	94
M16	9	153	<10	0.2	680	<1	30	7	71	96	<100	2370	308	21.8	37	38	191	74	<5	5	<5	<0.5	335	113	70	<1	52	<1	132	<1	185	116	<1	330	<1	39	<10	4.8	76	<0.5	46	2	2230	145	230	39
M17	17	>300	<10	<0.1	600	<1	<10	13	14	64	<100	860	8	6.8	0.7	64	3	5	<5	1	<5	1	8	43	20	<1	2	<1	72	<1	29	3	<1	80	<1	<1	<10	1.8	450	<0.5	2	<1	37	7	520	26
M18	29	136	<10	0.1	720	<1	240	11	29	19	<100	12700	102	62.5	21.7	6	105	98	<5	21	<5	<0.5	221	28	10	<1	40	<1	188	<1	163	69	<1	1070	<1	16	<10	2.8	7	<0.5	28					

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-63700E-34125N	23	104	<10	<0.1	960	<1	350	5	6	18	<100	300	12	6.9	3.3	8	15	10	<5	29	<5	<0.5	32	22	20	<1	5	<1	125	<1	15	11	<1	1090	<1	2	<10	1	243	<0.5	5	<1	72	5	510	13
L-63700E-34150N	20	>300	<10	<0.1	570	<1	70	31	10	122	<100	440	20	14.1	2	58	10	4	<5	31	<5	3.3	17	62	90	<1	3	<1	71	<1	30	6	<1	470	<1	2	<10	1.5	2270	<0.5	3	<1	109	11	830	24
L-63700E-34175N	15	>300	<10	<0.1	400	<1	20	30	12	34	<100	430	24	15.4	3	51	14	8	<5	6	<5	2.4	28	46	50	<1	5	<1	61	<1	49	10	<1	100	<1	3	<10	2.5	1610	<0.5	4	<1	144	11	710	42
L-63700E-34200N	43	>300	<10	0.1	230	<1	<10	8	58	342	<100	410	28	17.2	4.3	118	20	19	<5	3	<5	4.4	45	119	20	<1	9	<1	76	<1	108	14	<1	20	<1	4	<10	9.7	4660	<0.5	7	<1	137	14	910	214
L-63700E-34250N	5	>300	<10	<0.1	280	<1	<10	3	7	89	<100	130	8	7.3	0.6	196	3	3	<5	12	<5	18.3	5	112	30	<1	<1	<1	8	<1	35	2	2	60	<1	<1	<10	3.7	21100	<0.5	3	<1	48	7	600	147
L-63700E-34275N	5	145	<10	<0.1	280	<1	180	23	55	49	<100	460	33	20.8	7.4	49	34	40	<5	13	<5	0.7	90	121	<10	<1	18	<1	64	<1	56	25	<1	440	<1	5	<10	1.4	576	<0.5	17	<1	222	16	690	20
L-63700E-34300N	<1	>300	<10	<0.1	220	<1	60	7	<5	52	<100	50	2	2	<0.5	103	<1	1	11	14	<5	4.2	2	71	20	<1	<1	<1	10	<1	41	<1	<1	260	<1	<1	<10	3.2	3860	<0.5	3	<1	10	3	1120	58
L-63700E-34325N	22	>300	<10	<0.1	190	<1	30	13	62	72	<100	320	45	26.4	7.4	68	33	21	<5	6	<5	3.5	76	131	50	<1	13	<1	67	<1	89	23	<1	160	<1	6	<10	5.3	3380	<0.5	6	<1	258	20	1960	88
L-63600E-33800N	12	>300	<10	<0.1	450	<1	30	18	21	61	<100	880	19	12.2	2.5	82	11	6	<5	10	<5	5.1	19	85	80	<1	3	<1	113	<1	44	6	<1	230	<1	2	<10	3.1	2080	<0.5	3	<1	106	9	1370	49
L-63600E-33825N	2	>300	<10	<0.1	620	<1	210	15	93	23	<100	400	77	40.6	12.5	44	62	35	<5	22	<5	0.7	119	37	40	<1	21	<1	77	<1	43	42	<1	1030	<1	11	<10	4.5	304	<0.5	9	<1	445	26	680	21
L-63600E-33850N	8	>300	<10	<0.1	1100	<1	120	3	987	54	<100	310	157	64.3	34.6	88	191	262	<5	11	<5	1.4	629	65	110	<1	132	<1	16	<1	84	166	<1	310	<1	29	<10	24	772	<0.5	8	<1	730	37	1550	75
L-63600E-33875N	16	>300	50	<0.1	1040	<1	80	9	659	248	<100	200	147	67.8	35.3	92	169	185	<5	23	<5	2.3	514	165	100	<1	100	<1	235	<1	131	142	<1	380	<1	26	<10	22.8	1220	<0.5	9	1	791	47	1800	90
L-63600E-33900N	<1	>300	<10	<0.1	1560	<1	170	11	<5	131	<100	60	12	15.2	0.8	63	4	5	6	33	<5	<0.5	9	52	<10	<1	2	<1	61	<1	22	3	<1	1200	<1	1	<10	1.3	120	<0.5	4	<1	61	19	710	12
L-63600E-33925N	1	>300	10	<0.1	360	<1	<10	4	19	51	<100	80	6	4.2	1.4	79	5	9	<5	5	<5	21.4	13	73	80	<1	3	<1	133	3	77	4	2	130	<1	<1	<10	4.6	24600	<0.5	3	1	31	4	400	119
L-63600E-33950N	12	>300	10	<0.1	420	<1	<10	3	79	138	<100	170	25	14.3	4	195	22	27	<5	8	<5	12.5	59	53	50	<1	12	<1	136	<1	156	17	1	50	<1	4	<10	8.3	11800	<0.5	6	1	121	11	590	159
L-63600E-33975N	5	>300	<10	<0.1	650	<1	70	4	39	236	<100	180	56	26.1	8.4	34	38	9	<5	33	<5	1.7	59	123	20	<1	9	<1	67	<1	88	23	<1	560	<1	8	<10	3.5	2330	<0.5	4	<1	285	16	370	57
L-63600E-34000N	2	>300	<10	<0.1	460	<1	<10	11	<5	70	<100	120	7	6.7	0.5	69	2	2	6	9	<5	2.2	4	50	20	<1	<1	<1	25	<1	34	1	<1	200	<1	<1	<10	1.9	20400	<0.5	2	<1	39	7	580	34
L-63600E-34025N	<1	160	<10	<0.1	180	<1	10	11	9	27	<100	160	4	2.7	0.7	38	3	4	5	6	<5	9.8	8	30	200	<1	1	<1	110	<1	44	2	2	90	<1	<1	<10	4.5	8620	<0.5	3	<1	21	3	1100	84
L-63600E-34050N	15	>300	<10	<0.1	390	<1	<10	2	10	21	<100	350	5	4.2	0.5	58	3	3	<5	<1	<5	2.4	6	28	40	<1	1	<1	166	<1	25	2	<1	40	<1	<1	<10	3.4	951	<0.5	3	<1	23	4	180	68
L-63600E-34075N	18	75	<10	<0.1	130	<1	<10	4	6	34	<100	190	14	9.2	1.1	28	5	1	<5	1	<5	<0.5	9	31	50	<1	1	<1	131	<1	31	3	<1	10	<1	1	<10	1	183	<0.5	3	<1	73	7	220	22
L-63600E-34100N	4	>300	10	<0.1	190	<1	50	9	32	142	<100	200	14	9.1	2.7	109	10	13	8	8	<5	19	26	72	200	<1	5	<1	30	<1	114	8	3	90	<1	2	<10	8.7	22200	<0.5	4	2	67	9	860	181
L-63600E-34125N	66	161	<10	<0.1	570	<1	50	6	196	54	<100	280	103	48.6	33.8	32	149	160	<5	8	<5	4	453	36	50	<1	83	<1	203	<1	123	122	<1	120	<1	19	<10	4.9	2120	<0.5	8	<1	577	33	270	97
L-63600E-34150N	44	>300	<10	<0.1	410	<1	20	16	48	129	<100	820	23	13.7	3.8	111	17	22	<5	5	<5	2	44	75	10	<1	9	<1	135	<1	77	13	<1	130	<1	3	<10	4.6	1480	<0.5	8	<1	116	11	240	81
L-63600E-34175N	9	>300	<10	<0.1	380	<1	10	6	47	196	<100	280	44	27.6	6.5	83	27	15	<5	10	<5	6.1	52	308	20	<1	9	<1	118	<1	76	17	<1	210	<1	6	<10	5.2	5820	<0.5	4	<1	236	21	400	79
L-63600E-34200N	24	212	<10	<0.1	220	<1	10	15	112	101	<100	560	73	41.7	11.4	28	53	35	<5	3	<5	0.7	130	77	20	<1	23	<1	133	<1	82	38	<1	80	<1	10	<10	3.2	484	<0.5	5	<1	404	30	220	49
L-63600E-34225N	6	>300	<10	<0.1	280	<1	20	7	12	152	<100	220	11	9.7	1.2	101	5	5	<5	10	<5	3.6	11	145	20	<1	2	<1	86	<1	43	4	<1	110	<1	1	<10	3.2	2980	<0.5	3	<1	59	9	750	69
L-63600E-34250N	13	>300	<10	<0.1	380	<1	10	4	23	130	<100	240	30	22.2	2.1	132	12	10	<5	7	<5	12.7	17	52	40	<1	3	<1	29	<1	69	6	<1	100	<1	3	<10	7.1	4930	<0.5	3	<1	144	16	970	121
L-33100N-61350E	10	>300	<10	<0.1	410	<1	30	13	50	67	<100	350	44	25.9	5.2	75	26	16	<5	6	<5	5.2	44	61	60	<1	8	<1	102	<1	74	16	<1	160	<1	7	<10	5.8	2440	<0.5	6	<1	246	19	840	72
L-33100N-61375E	<1	300	<10	<0.1	350	<1	20	3	<5	14	<100	30	<1	0.6	<0.5	121	<1	1	<5	9	<5	3.6	2	16	<10	<1	<1	<1	28	<1	17	<1	<1	440	<1	<1	<10	2.9	12800	<0.5	1	<1	<5	<1	110	43
L-33100N-61400E	<1	282	<10	<0.1	850	<1	<10	3	<5	14	<100	<10	<1	<0.5	<0.5	103	<1	1	<5	15	<5	2.2	1	12	<10	<1	<1	<1	26	<1	13	<1	<1	440	<1	<1	<10	1.3	854	<0.5	<1	<1	<5	<1	100	21
L-33100N-61425E	<1	261	<10	<0.1	550	<1	<10	3	10	34	<100	20	1	0.8	<0.5	164	1	2	7	7	<5	2.3	3	16	<10	<1	<1	<1	24	<1	20	<1	<1	220	<1	<1	<10	2.2	1360	<0.5	2	<1	<5	1	90	32
L-33100N-61450E	2	260	<10	<0.1	870	<1	<10	5	<5	26</																																				

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)	
L-33100N-61875E	<1	>300	<10	<0.1	430	<1	20	4	<5	156	<100	40	2	2.7	<0.5	102	<1	1	<5	24	<5	4.4	2	18	<10	<1	<1	<1	<1	36	<1	41	<1	<1	210	<1	<1	<10	1.9	1990	<0.5	2	<1	13	4	520	28
L-33100N-61900E	1	>300	10	<0.1	520	<1	<10	4	22	70	<100	120	9	8.2	0.8	124	4	6	<5	4	<5	12.6	8	23	50	<1	2	<1	78	<1	38	3	2	110	<1	1	<10	5.2	7290	<0.5	3	<1	56	8	530	89	
L-33100N-61925E	60	201	20	<0.1	2130	<1	10	4	61	60	<100	180	26	15.2	5.7	85	24	14	<5	3	<5	5.6	48	28	160	<1	8	<1	224	<1	43	18	<1	130	<1	5	<10	5.3	3840	<0.5	6	<1	171	12	1050	64	
L-33100N-61950E	29	273	10	<0.1	970	<1	60	18	58	89	<100	340	30	16.2	7.9	73	34	29	<5	8	<5	3.7	78	61	100	<1	15	<1	141	<1	34	26	<1	120	<1	6	<10	9.2	1840	<0.5	5	<1	191	11	1010	109	
L-33100N-61975E	19	>300	<10	<0.1	660	<1	<10	17	41	34	<100	260	20	10.3	3.5	55	16	16	<5	3	<5	2	35	43	80	<1	8	<1	84	<1	39	11	<1	80	<1	3	<10	3.4	1170	<0.5	3	<1	111	8	710	39	
L-33100N-62000E	31	>300	20	<0.1	830	<1	40	14	136	62	<100	520	28	12.4	5.6	69	24	32	<5	6	<5	4.5	57	49	80	<1	13	<1	166	<1	72	20	<1	80	<1	5	<10	10.3	2850	<0.5	6	<1	121	9	970	122	
L-33100N-62025E	50	171	10	0.1	1110	<1	60	10	281	107	<100	670	88	41.5	19.1	42	78	103	<5	8	<5	8.7	197	81	130	<1	43	<1	304	<1	187	63	<1	190	<1	17	<10	8	1780	<0.5	11	<1	405	33	1090	164	
L-33100N-62050E	18	>300	10	<0.1	2180	<1	20	17	118	183	<100	440	60	24.6	9.1	38	36	37	<5	4	<5	3.2	76	96	60	<1	18	<1	223	<1	125	28	<1	160	<1	10	<10	4.7	1280	<0.5	9	<1	191	18	1490	98	
L-33100N-62075E	9	>300	<10	<0.1	500	<1	70	14	28	38	<100	320	13	6	1.8	97	8	6	<5	22	<5	3.8	14	36	80	<1	3	<1	26	<1	21	5	<1	300	<1	2	<10	3.6	2330	<0.5	2	<1	39	4	700	47	
L-32900N-61150E	42	205	<10	<0.1	440	<1	40	10	49	39	<100	220	25	14.4	3.8	60	17	15	<5	11	<5	3.3	33	43	70	<1	7	<1	208	<1	70	11	<1	120	<1	4	<10	5.3	2170	<0.5	6	<1	139	11	470	59	
L-32900N-61175E	34	198	<10	<0.1	450	<1	30	14	63	52	<100	250	31	17.5	6.4	34	26	20	<5	4	<5	1.6	55	28	80	<1	11	<1	173	<1	83	19	<1	90	<1	6	<10	4.6	1000	<0.5	4	<1	190	14	470	62	
L-32900N-61200E	11	133	<10	<0.1	290	<1	300	11	23	<5	<100	80	43	25.2	10.3	11	40	24	<5	23	<5	<0.5	70	23	<10	<1	13	<1	60	<1	92	25	<1	1010	<1	8	<10	1.4	80	<0.5	13	<1	319	18	290	16	
L-32900N-61225E	20	239	<10	<0.1	290	<1	<10	21	27	75	<100	180	41	28.7	4.9	51	22	10	<5	2	<5	1.3	31	44	110	<1	6	<1	79	<1	60	13	<1	60	<1	6	<10	2.9	483	<0.5	3	<1	289	22	640	25	
L-32900N-61250E	11	274	<10	<0.1	410	<1	<10	10	21	94	<100	250	13	11	1.2	100	5	6	<5	3	<5	2	10	41	40	<1	2	<1	61	<1	35	4	<1	80	<1	2	<10	4	1080	<0.5	3	<1	70	11	570	45	
L-32900N-61300E	2	151	<10	<0.1	250	<1	10	9	9	54	<100	130	7	6.3	<0.5	95	2	2	<5	4	<5	1.1	3	17	20	<1	<1	<1	92	<1	18	2	<1	90	<1	<1	<10	1.9	442	<0.5	2	<1	39	6	480	21	
L-32900N-61325E	4	214	<10	<0.1	320	<1	40	44	7	23	<100	550	9	6.5	0.6	101	3	3	<5	3	<5	2.3	5	44	240	<1	<1	<1	99	<1	18	2	<1	190	<1	1	<10	2.3	863	<0.5	2	<1	48	5	1840	20	
L-32900N-61350E	2	58	<10	<0.1	710	<1	470	25	13	50	<100	90	15	13.9	2.4	11	12	10	<5	41	<5	<0.5	19	22	20	<1	4	<1	17	<1	6	7	<1	1660	<1	2	<10	<0.5	58	<0.5	3	<1	137	12	1280	<5	
L-32900N-61375E	3	254	<10	<0.1	390	<1	<10	4	8	59	<100	90	2	2	<0.5	123	2	3	<5	3	<5	3.3	4	34	<10	<1	1	<1	91	<1	15	1	<1	70	<1	<1	<10	2.3	1260	<0.5	4	<1	11	3	60	33	
L-32900N-61400E	20	272	<10	<0.1	350	<1	20	39	19	24	<100	290	28	18	2.5	65	12	6	<5	4	<5	3.4	17	65	80	<1	3	<1	62	<1	36	7	<1	130	<1	4	<10	2.8	1290	<0.5	3	<1	163	13	1300	33	
L-32900N-61425E	3	236	<10	<0.1	710	<1	120	54	29	15	<100	450	152	114	13	70	69	16	<5	6	<5	2.7	79	47	70	<1	13	<1	60	<1	51	34	<1	870	<1	20	<10	2.4	722	<0.5	4	<1	1110	81	1300	16	
L-32900N-61450E	<1	215	<10	<0.1	230	<1	80	54	8	62	<100	270	5	3.7	0.7	67	3	2	6	14	<5	5.7	5	27	140	<1	<1	<1	90	<1	60	2	<1	460	<1	<1	<10	5.9	3070	<0.5	3	<1	32	4	1390	88	
L-32900N-61475E	7	>300	<10	<0.1	340	<1	<10	20	9	29	<100	130	34	19	2.1	20	10	3	<5	3	<5	0.5	9	22	<10	<1	2	<1	25	<1	30	5	<1	190	<1	4	<10	0.6	356	<0.5	3	<1	166	13	110	12	
L-32900N-61500E	8	>300	30	<0.1	2350	<1	80	9	438	51	<100	380	132	59.7	29.7	84	134	209	<5	13	<5	11.2	372	25	30	<1	87	<1	143	<1	183	105	<1	530	<1	26	<10	20.6	3660	<0.5	14	2	615	43	550	289	
L-32900N-61525E	9	>300	<10	<0.1	340	<1	<10	4	<5	16	<100	50	1	1.3	<0.5	99	<1	2	<5	5	<5	3.8	2	34	<10	<1	<1	<1	22	<1	19	<1	<1	170	<1	<1	<10	3.3	2520	<0.5	1	<1	6	2	190	44	
L-32900N-61550E	2	295	10	<0.1	1040	<1	50	9	18	51	<100	180	2	2.4	<0.5	208	1	3	<5	9	<5	20.7	3	76	20	<1	<1	<1	9	<1	16	<1	2	460	1	<1	<10	2.9	8890	<0.5	2	1	14	3	790	52	
L-32900N-61575E	5	208	<10	<0.1	820	<1	30	33	51	45	<100	1020	74	77.2	9.9	119	42	33	<5	6	6	6.3	83	29	90	<1	17	<1	23	2	200	27	<1	300	<1	10	<10	6.5	1480	0.5	20	1	514	62	400	68	
L-32900N-61600E	7	>300	10	<0.1	430	<1	10	3	10	27	<100	60	3	3	<0.5	109	1	4	<5	9	<5	6.7	5	24	<10	<1	1	<1	33	<1	30	1	<1	350	<1	<1	<10	2.7	6050	<0.5	2	<1	16	4	290	49	
L-32900N-61625E	17	251	<10	<0.1	300	<1	<10	6	8	23	<100	140	3	3.6	<0.5	52	1	4	<5	3	<5	2.5	4	13	10	<1	1	<1	145	<1	21	1	<1	130	<1	<1	<10	1.9	1020	<0.5	2	<1	17	4	150	33	
L-32900N-61650E	10	203	<10	<0.1	270	<1	<10	21	14	25	<100	320	10	9	1	51	4	5	<5	2	<5	2.6	9	46	90	<1	2	<1	75	<1	32	3	<1	80	<1	1	<10	2.4	865	<0.5	3	<1	55	8	260	39	
L-32900N-61675E	18	>300	<10	<0.1	260	<1	<10	6	34	37	<100	270	13	10.4	1.8	79	7	11	<5	1	<5	1.9	16	24	20	<1	4	<1	116	<1	75	5	<1	30	<1	2	<10	5.8	831	<0.5	6	<1	58	11	330	81	
L-32900N-61700E	1	86	<10	<0.1	750	<1	20	<1	8	48	<100	160	2	2.3	<0.5	396	<1	5	<5	7	<5	8.1	3	18	<10	<1	<1	<1	33	<1	6	<1	2	330	<1	<1	<10	2.5	4140	<0.5	2	<1	11	3	80	35	
L-32900N-61725E	27	268	<10	<0.1	1120	<1	<10	11	7	16	<100	190	3	2.9	<0.5	38	1	3	<5	<1	<5																										

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-33000N-61425E	7	204	<10	<0.1	1760	<1	270	31	394	<5	200	560	324	181	61	18	300	252	8	25	<5	<0.5	603	51	30	<1	127	<1	141	<1	156	194	<1	870	<1	57	<10	5.4	65	<0.5	211	1	2320	122	290	26
L-33000N-61450E	<1	>300	<10	<0.1	720	1	100	5	<5	19	<100	10	<1	0.5	<0.5	190	<1	1	11	39	<5	5.7	2	49	<10	<1	<1	<1	135	<1	38	<1	<1	910	<1	<1	<10	5.7	736	<0.5	3	<1	<5	<1	550	88
L-33000N-61475E	<1	145	<10	<0.1	790	<1	70	7	<5	39	<100	70	<1	0.8	<0.5	101	<1	<1	<5	65	<5	18.2	<1	40	10	<1	<1	<1	38	<1	7	<1	2	1060	1	<1	<10	2.8	5760	<0.5	1	<1	5	1	1330	40
L-33000N-61500E	<1	283	<10	<0.1	830	<1	50	13	6	37	<100	70	3	2.3	<0.5	171	1	2	<5	17	<5	5.9	2	53	30	<1	<1	<1	47	<1	19	<1	<1	440	<1	<1	<10	2.5	5760	<0.5	2	<1	17	3	510	30
L-33000N-61525E	10	>300	30	<0.1	720	<1	10	6	148	115	100	140	29	15.7	6.9	308	27	33	<5	3	6	35.1	65	32	80	<1	15	<1	96	<1	80	21	3	100	2	5	<10	14.5	18800	<0.5	16	3	128	13	470	190
L-33000N-61550E	2	271	<10	<0.1	510	<1	50	15	<5	59	<100	80	4	5.5	<0.5	144	1	2	<5	14	<5	2.8	2	36	<10	<1	<1	<1	34	<1	14	<1	<1	380	<1	<1	<10	1.4	1900	<0.5	1	<1	25	8	380	16
L-33000N-61575E	7	>300	<10	<0.1	260	<1	<10	7	14	11	<100	100	6	4.5	0.8	94	3	6	<5	2	<5	3.7	7	26	20	<1	2	<1	51	<1	31	2	<1	80	<1	<1	<10	3.8	2540	<0.5	2	<1	30	5	190	49
L-33000N-61600E	3	293	<10	<0.1	380	<1	10	5	17	35	<100	100	8	8.2	1	67	5	6	<5	3	<5	4.3	11	17	10	<1	2	<1	80	<1	37	3	<1	160	<1	1	<10	3.4	3750	<0.5	3	<1	50	10	270	51
L-33000N-61625E	<1	268	<10	<0.1	880	<1	50	5	<5	21	<100	40	<1	0.8	<0.5	132	<1	1	<5	7	<5	6.5	1	25	<10	<1	<1	<1	23	<1	8	<1	<1	600	<1	<1	<10	2	2330	<0.5	<1	<1	<5	<1	820	35
L-33000N-61650E	<1	>300	<10	<0.1	1710	<1	70	4	<5	85	<100	20	<1	0.7	<0.5	87	<1	1	<5	21	<5	1.9	2	47	<10	<1	<1	<1	122	<1	26	<1	<1	1020	<1	<1	<10	2.1	1040	<0.5	1	<1	5	2	320	43
L-33000N-61675E	<1	16	<10	<0.1	450	<1	140	<1	6	65	<100	20	1	1	<0.5	109	2	3	<5	20	<5	<0.5	6	14	<10	<1	1	<1	53	<1	5	1	<1	470	<1	<1	<10	<0.5	74	<0.5	<1	<1	12	2	440	<5
L-33000N-61725E	16	245	<10	<0.1	680	<1	20	13	213	19	100	130	45	19.9	12.7	35	47	78	<5	1	<5	2.3	135	21	80	<1	33	<1	139	<1	126	41	<1	40	<1	9	<10	6	1750	<0.5	6	<1	194	15	370	113
L-33000N-61750E	22	271	<10	<0.1	420	<1	<10	10	28	101	<100	260	19	13.5	2.3	95	10	8	<5	9	<5	5.8	21	35	60	<1	4	<1	99	<1	54	7	<1	110	<1	3	<10	5.2	1680	<0.5	4	<1	96	12	930	73
L-33000N-61775E	9	222	<10	<0.1	320	<1	20	10	17	103	<100	170	8	5.3	1.1	97	5	6	<5	5	<5	5.7	10	44	70	<1	2	<1	201	<1	30	3	<1	120	<1	1	<10	5.2	1740	<0.5	4	<1	46	4	410	55
L-33000N-61800E	<1	>300	<10	<0.1	750	<1	50	6	10	73	<100	70	3	2.3	<0.5	145	2	5	8	25	<5	14.7	6	33	40	<1	1	<1	28	<1	42	1	2	340	<1	<1	<10	4.4	5010	<0.5	3	<1	16	3	490	69
L-33000N-61825E	8	>300	<10	<0.1	340	<1	20	11	14	43	<100	100	10	6.6	1.2	70	5	5	<5	8	<5	10.5	10	15	90	<1	2	<1	53	<1	24	4	1	100	<1	1	<10	4	2810	<0.5	2	<1	49	5	840	48
L-33000N-61850E	18	170	<10	<0.1	220	<1	<10	8	129	19	<100	100	46	24.7	7.7	35	38	47	<5	1	<5	3.1	96	17	80	<1	22	<1	129	<1	59	29	<1	50	<1	8	<10	5	1190	<0.5	3	<1	236	18	120	38
L-33000N-61875E	<1	274	<10	<0.1	420	<1	40	5	17	51	<100	80	3	2	<0.5	129	1	2	10	12	<5	11.1	3	24	20	<1	<1	<1	23	<1	34	<1	1	230	<1	<1	<10	5.3	2960	<0.5	2	<1	12	2	590	87
L-33000N-61900E	22	108	<10	<0.1	520	<1	20	13	216	26	<100	170	160	85.9	38.4	20	178	128	<5	2	<5	0.9	432	31	80	<1	84	<1	294	<1	175	136	<1	50	<1	31	<10	3.8	478	<0.5	8	<1	906	61	260	46
L-33000N-61950E	13	171	<10	<0.1	380	<1	40	10	85	68	<100	250	48	28.1	7.1	49	33	21	<5	5	<5	1.9	59	79	100	<1	12	<1	279	<1	109	23	<1	120	<1	8	<10	5.1	1140	<0.5	7	<1	226	22	430	72
L-33000N-61975E	2	>300	<10	<0.1	880	<1	30	10	43	56	<100	170	15	8.3	1.7	73	8	8	<5	8	<5	3.5	14	26	120	<1	3	<1	44	<1	31	5	<1	120	<1	2	<10	5.3	2080	<0.5	3	<1	63	6	1280	61
L-33000N-62000E	<1	142	<10	<0.1	860	<1	120	17	14	42	<100	70	4	3.3	0.5	96	2	2	17	15	<5	5.6	5	34	70	<1	<1	<1	63	<1	29	2	<1	620	<1	<1	<10	3.6	1190	<0.5	2	<1	23	4	1390	31
L-32800N-61150E	41	48	<10	<0.1	390	<1	50	3	49	23	<100	90	44	25.5	18.7	3	68	61	<5	7	<5	<0.5	173	<5	20	<1	32	<1	137	<1	73	51	<1	130	<1	9	<10	0.5	11	<0.5	4	<1	294	19	220	14
L-32800N-61175E	9	>300	<10	<0.1	420	<1	10	9	145	62	<100	120	62	36.6	12.4	39	50	45	<5	2	<5	1.4	111	20	<10	<1	24	<1	37	<1	85	36	<1	100	<1	11	<10	4.7	1260	<0.5	3	<1	327	29	520	81
L-32800N-61200E	14	289	<10	<0.1	730	<1	50	26	102	69	<100	440	44	22.4	8.9	73	42	44	<5	17	<5	2.6	99	76	90	<1	21	<1	174	<1	60	29	<1	140	<1	8	<10	6	1050	<0.5	4	<1	243	15	890	65
L-32800N-61225E	9	202	<10	<0.1	390	<1	30	10	152	19	<100	150	78	37.3	19.8	22	81	71	<5	<1	<5	1.6	196	15	50	<1	42	<1	90	<1	99	65	<1	30	<1	15	<10	4.6	1080	<0.5	6	<1	369	27	110	68
L-32800N-61250E	3	>300	<10	<0.1	410	<1	<10	8	27	82	<100	250	10	6.1	1.2	105	6	7	<5	3	<5	3.2	10	36	40	<1	2	<1	76	<1	21	4	<1	120	<1	2	<10	4.5	1400	<0.5	3	<1	39	5	650	45
L-32800N-61275E	6	>300	<10	<0.1	850	<1	<10	7	53	69	<100	250	12	9.7	1.5	61	7	11	<5	1	<5	3.1	16	50	20	<1	4	<1	77	<1	32	5	<1	30	<1	2	<10	3.8	2300	<0.5	3	<1	54	9	190	43
L-32800N-61300E	7	>300	<10	<0.1	560	<1	<10	25	41	68	<100	410	16	11.4	2.1	118	9	11	<5	3	<5	5.4	18	75	30	<1	4	<1	73	<1	35	7	<1	110	<1	2	<10	5.1	1870	<0.5	4	<1	75	10	1390	61
L-32800N-61325E	10	270	<10	<0.1	550	<1	30	44	67	85	<100	450	59	33.6	6.6	46	32	21	<5	6	<5	1.5	58	82	70	<1	12	<1	116	<1	56	22	<1	170	<1	9	<10	3.7	453	<0.5	5	<1	253	24	1930	35
L-32800N-61350E	4	279	<10	<0.1	680	<1	40	37	54	19	<100	370	78	45.2	12.9	88	60	33	<5	12	<5	1.9	110	73	70	<1	21	<1	93	<1	56	38	<1	260	<1	13	<10	4.3	798	<0.5	4	<1	461	31	620	41
L-32800N-61375E	20	>300	10	<0.1	1430	<1	<10	23	108	43	<100	450	39	19.6																																

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-32800N-61800E	2	>300	<10	<0.1	460	<1	<10	5	<5	42	<100	70	2	3.1	<0.5	52	1	2	<5	5	<5	0.5	3	21	<10	<1	<1	<1	129	<1	29	<1	<1	100	<1	<1	<10	1.7	103	<0.5	2	<1	11	5	220	24
L-32900N-62375E	16	>300	<10	<0.1	2370	<1	90	22	79	481	<100	790	44	36.3	4.3	395	21	34	28	31	<5	4.7	48	50	70	<1	11	<1	148	<1	442	15	<1	460	<1	5	<10	16.8	3950	0.8	10	3	224	37	5510	153
L-32900N-62350E	7	114	<10	<0.1	290	<1	150	38	13	37	<100	700	64	43.3	12.5	27	55	33	<5	18	<5	<0.5	92	40	20	<1	17	<1	24	<1	129	36	<1	590	<1	10	<10	1.3	25	0.7	12	<1	525	30	600	<5
L-32900N-62325E	20	>300	<10	<0.1	380	<1	50	51	11	44	<100	740	10	7.5	1.1	90	5	6	<5	17	<5	<0.5	10	60	40	<1	2	<1	83	<1	27	4	<1	120	<1	1	<10	2.1	302	<0.5	2	<1	52	6	1090	14
L-32900N-62300E	24	>300	<10	<0.1	360	<1	50	27	57	29	<100	440	82	47.2	9	54	45	19	<5	12	<5	2.8	77	78	70	<1	13	<1	145	<1	82	30	<1	130	<1	11	<10	4.2	1240	<0.5	4	1	416	30	2940	39
L-32900N-62275E	10	>300	<10	<0.1	240	<1	10	10	9	36	<100	290	8	6.7	0.7	87	4	5	<5	3	<5	<0.5	8	33	30	<1	1	<1	49	<1	25	2	<1	50	<1	<1	<10	1.9	267	<0.5	1	<1	38	5	720	18
L-32900N-62250E	6	257	<10	<0.1	290	<1	20	6	<5	16	<100	200	3	2.5	<0.5	114	<1	1	<5	4	<5	1.3	2	27	<10	<1	<1	<1	32	<1	16	<1	<1	100	<1	<1	<10	1.9	561	<0.5	<1	<1	12	3	490	21
L-32900N-62225E	12	293	<10	<0.1	360	<1	40	25	104	94	<100	650	54	26.1	8.1	58	40	33	<5	3	<5	1.5	83	62	50	<1	16	<1	137	<1	129	28	<1	80	<1	8	<10	4.5	945	<0.5	4	<1	232	18	640	54
L-32900N-62200E	17	176	<10	<0.1	460	<1	390	15	15	13	<100	140	13	7.5	3	26	14	11	<5	45	<5	0.9	27	55	90	<1	5	<1	39	<1	21	10	<1	960	<1	2	<10	2	379	<0.5	1	<1	97	5	420	13
L-32900N-62175E	21	236	<10	<0.1	230	<1	20	14	59	116	<100	250	45	29.1	4.2	40	24	17	<5	2	<5	0.9	50	50	50	<1	10	<1	145	<1	83	16	<1	60	<1	6	<10	3.9	376	<0.5	2	<1	244	20	610	32
L-32900N-62150E	40	172	<10	<0.1	480	<1	60	10	253	125	<100	340	79	40.4	19	26	86	104	<5	5	<5	0.9	228	56	60	<1	46	<1	292	<1	200	68	<1	80	<1	14	<10	4.9	635	<0.5	6	<1	419	31	460	94
L-32900N-62125E	20	>300	10	<0.1	1620	<1	100	14	156	67	<100	1040	27	11.9	5.8	41	24	34	<5	4	<5	2.5	63	27	200	<1	13	<1	232	<1	102	19	<1	170	<1	4	<10	12.2	3390	<0.5	6	<1	98	9	340	132
L-32900N-62100E	27	295	<10	<0.1	270	<1	<10	16	46	75	<100	530	21	10.5	2.9	43	13	12	<5	<1	<5	1.4	30	65	50	<1	6	<1	193	<1	77	10	<1	30	<1	3	<10	4.6	448	<0.5	3	<1	86	8	800	66
L-32900N-62075E	12	266	<10	<0.1	460	<1	10	18	23	50	<100	220	13	6.8	1.6	45	7	7	<5	1	<5	0.9	15	45	90	<1	3	<1	135	<1	42	5	<1	50	<1	2	<10	3.5	598	<0.5	2	<1	68	5	180	35
L-32900N-62050E	12	278	<10	<0.1	370	<1	20	22	16	23	<100	280	26	16	3.2	95	15	8	<5	6	<5	4.7	22	21	90	<1	4	<1	18	<1	41	8	<1	60	<1	3	<10	3.8	1100	<0.5	1	<1	153	10	1950	31
L-32900N-62025E	26	263	<10	<0.1	780	<1	30	8	214	234	<100	220	39	17.4	10.2	79	40	52	<5	5	<5	3.3	115	20	70	<1	23	<1	152	<1	91	35	<1	60	<1	7	<10	11.9	3510	<0.5	4	<1	177	13	1320	122
L-32900N-62000E	5	283	<10	<0.1	320	<1	20	18	10	17	<100	230	11	6.9	1	126	5	3	<5	6	<5	1.5	8	11	70	<1	1	<1	38	<1	29	3	<1	40	<1	1	<10	2.7	624	<0.5	1	<1	59	4	1580	17
L-32900N-61975E	32	>300	<10	<0.1	420	<1	10	12	48	121	<100	400	20	9.8	3.1	66	15	16	<5	2	<5	1.2	33	42	140	<1	7	<1	140	<1	81	11	<1	40	<1	3	<10	5.9	701	<0.5	4	<1	83	7	920	74
L-32900N-61950E	13	>300	<10	<0.1	340	<1	20	15	13	46	<100	350	12	8.7	1	146	4	6	<5	4	<5	5.2	8	32	80	<1	2	<1	48	<1	36	3	<1	60	<1	1	<10	4.6	1920	<0.5	2	<1	56	6	870	51
L-32900N-61925E	16	174	<10	<0.1	180	<1	20	11	205	88	<100	410	124	70.7	25.3	40	118	76	<5	3	<5	1.3	245	46	90	<1	43	<1	228	<1	176	81	<1	50	<1	19	<10	4.2	564	<0.5	5	<1	817	46	1110	47
L-32900N-61900E	22	272	<10	<0.1	760	<1	60	15	36	24	<100	260	39	22.4	7.1	114	35	24	<5	14	<5	5.3	68	39	110	<1	12	<1	65	<1	49	23	<1	240	<1	6	<10	4.3	1860	<0.5	2	<1	258	15	750	33
L-32900N-61875E	44	36	<10	<0.1	70	<1	<10	4	25	86	<100	270	19	15.1	3.3	11	14	8	<5	1	8	<0.5	30	83	60	<1	5	<1	268	<1	55	10	<1	<10	<1	3	<10	1.1	96	<0.5	4	<1	132	12	450	29
L-32800N-61825E	20	161	<10	<0.1	150	<1	<10	7	104	52	<100	210	40	25.3	8.1	29	35	34	<5	1	<5	2.5	93	25	90	<1	17	<1	87	<1	103	28	<1	<10	4.2	868	<0.5	3	<1	249	19	360	51			
L-32800N-61800E	3	>300	<10	<0.1	410	<1	<10	6	9	94	<100	120	4	3.5	0.6	133	2	4	<5	4	<5	5.8	6	18	10	<1	1	<1	43	<1	48	1	<1	80	<1	<1	<10	3	4730	<0.5	1	<1	22	5	460	62
L-32800N-61875E	12	>300	<10	<0.1	320	<1	10	20	40	98	<100	290	33	17.3	4.5	77	24	14	<5	5	<5	6.1	42	36	110	<1	8	<1	79	<1	86	16	<1	80	<1	5	<10	4.9	4670	<0.5	3	<1	170	12	1750	60
L-32800N-61900E	43	125	<10	<0.1	850	<1	350	10	95	18	<100	1340	38	17.6	13.5	20	53	48	<5	34	<5	1.4	124	40	50	<1	22	<1	117	<1	82	41	<1	500	<1	8	<10	5.5	776	<0.5	4	<1	225	13	400	47
L-32800N-61925E	4	>300	<10	<0.1	1380	<1	140	11	50	50	<100	290	6	3.4	1.3	135	5	17	39	53	<5	9.6	19	111	40	<1	4	<1	108	<1	57	4	<1	750	<1	<1	<10	7.5	1720	<0.5	1	<1	30	3	2810	77
L-32800N-61950E	9	290	<10	<0.1	360	<1	30	28	37	96	<100	290	31	16.7	5.1	87	23	15	<5	7	<5	4.5	46	33	230	<1	8	<1	109	<1	64	16	<1	130	<1	5	<10	6.6	2200	<0.5	4	<1	163	12	760	51
L-32800N-61975E	2	129	<10	<0.1	430	2	150	70	22	72	<100	280	4	2.9	1.3	32	4	10	8	43	<5	0.7	14	101	420	<1	3	<1	208	<1	26	4	<1	450	<1	<1	<10	1.1	475	0.6	<1	<1	30	2	3970	17
L-32800N-62000E	<1	99	<10	<0.1	250	<1	50	15	<5	28	<100	70	<1	<0.5	<0.5	41	<1	2	6	18	<5	4.3	2	44	50	<1	<1	<1	57	<1	15	<1	<1	200	<1	<1	<10	1.5	934	<0.5	<1	<1	<5	<1	1550	18
L-32800N-62025E	17	225	<10	<0.1	230	<1	150	13	14	65	<100	170	9	4.4	1.4	73	6	6	<5	8	<5	1.4	11	45	70	<1	2	<1	91	<1	41	5	<1	270	<1	1	<10	4.1	1230	<0.5	2	<1	37	3	660	39
L-32800N-62050E	1	203	<10	<0.1	480	<1	60	7	<5	29	<100	30	<1	0.5	<0.5	166	<1	<1	<5																											

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-65600N-41950E	<1	191	<10	<0.1	410	2	90	10	14	12	<100	50	1	<0.5	<0.5	88	1	7	<5	10	6	1.9	7	54	80	<1	1	<1	493	1	20	1	1	390	<1	<1	<10	5	488	1.7	5	1	<5	<1	360	17
L-65600N-41975E	<1	170	<10	<0.1	170	2	10	4	6	13	<100	50	<1	0.8	<0.5	69	<1	2	<5	2	<5	3.2	3	19	190	<1	<1	<1	20	2	12	<1	<1	120	<1	<1	<10	13.2	553	<0.5	6	<1	<5	<1	620	12
L-65600N-42000E	<1	92	<10	<0.1	110	1	20	3	<5	7	<100	50	<1	<0.5	<0.5	34	<1	1	<5	1	<5	1.4	3	39	180	<1	<1	<1	26	<1	12	<1	<1	80	<1	<1	<10	8.8	254	<0.5	2	<1	<5	<1	540	10
L-65600N-42025E	5	168	<10	<0.1	130	<1	<10	3	<5	12	<100	120	<1	<0.5	<0.5	196	<1	<1	<5	2	6	1.5	1	83	<10	<1	<1	<1	38	<1	7	<1	<1	70	<1	<1	<10	1.4	492	<0.5	2	<1	<5	<1	<20	<5
L-65600N-42050E	<1	161	<10	<0.1	210	<1	<10	3	15	21	<100	40	<1	<0.5	<0.5	250	<1	1	<5	2	<5	5.8	2	79	10	<1	<1	<1	37	<1	12	<1	<1	80	<1	<1	<10	2.2	1680	<0.5	3	7	<5	<1	40	17
L-65600N-42075E	<1	>300	240	<0.1	860	1	<10	3	357	108	100	190	30	11.6	12.2	296	42	100	<5	1	17	10.2	146	35	200	<1	32	<1	163	5	68	39	<1	50	<1	6	<10	42.6	7300	1.6	59	9	100	8	170	258
L-65600N-42100E	4	208	<10	<0.1	150	<1	<10	7	17	14	<100	300	4	2.7	0.8	105	3	5	5	<1	<5	3	9	94	100	<1	2	<1	124	<1	18	3	<1	<10	<1	<1	<10	3.4	1090	<0.5	6	<1	15	3	60	26
L-65600N-42125E	3	242	<10	<0.1	130	<1	<10	6	7	21	<100	340	1	1.2	<0.5	62	<1	2	<5	<1	<5	2	3	103	80	<1	<1	<1	42	<1	7	<1	<1	<10	<1	<1	<10	2.6	721	<0.5	3	<1	6	2	90	9
L-65600N-42150E	9	169	<10	<0.1	140	<1	<10	8	33	189	<100	670	6	3.5	1.4	53	5	11	<5	<1	6	1.4	17	46	100	<1	4	<1	117	<1	13	5	<1	10	<1	<1	<10	7.7	425	0.6	30	<1	23	3	70	28
L-65600N-42175E	8	174	<10	<0.1	240	<1	20	13	17	22	<100	1170	35	23.8	4	60	15	7	<5	1	40	3.4	23	44	160	<1	4	<1	38	1	50	9	<1	530	<1	4	<10	3.4	538	<0.5	83	<1	181	16	120	27
L-65600N-42200E	2	232	20	<0.1	320	1	<10	<1	33	8	<100	560	5	2.1	1.5	217	5	16	<5	1	20	10.7	18	48	20	<1	4	<1	87	1	26	4	<1	100	<1	<1	<10	8.3	2640	<0.5	7	2	17	2	30	66
L-65600N-42225E	5	105	<10	<0.1	180	<1	30	27	39	10	<100	210	30	14.2	7.2	4	29	24	<5	3	<5	<0.5	82	71	90	<1	14	<1	53	<1	13	21	<1	240	<1	5	<10	1.3	51	<0.5	37	1	192	9	560	<5
L-65600N-42250E	<1	175	<10	<0.1	430	2	10	10	31	178	<100	410	7	3.5	1.8	81	6	17	<5	2	20	1.4	23	34	130	<1	5	<1	118	<1	15	5	<1	110	<1	1	<10	5	432	<0.5	38	<1	31	3	190	11
L-65600N-42275E	<1	178	<10	<0.1	540	9	20	31	<5	20	<100	70	<1	0.7	<0.5	66	<1	1	<5	6	12	1.8	2	41	110	<1	<1	<1	89	<1	11	<1	<1	130	<1	<1	<10	8.3	258	<0.5	4	<1	<5	<1	460	10
L-65600N-42300E	5	>300	90	<0.1	220	7	<10	16	71	18	<100	350	7	3.4	2.5	488	8	35	<5	<1	72	19.4	34	50	330	<1	9	<1	200	1	25	8	2	<10	1	1	<10	19.1	10500	<0.5	13	2	26	3	150	72
BL-43500E-65100N	51	206	<10	<0.1	430	4	30	31	19	13	<100	310	15	7.1	3.2	53	15	20	<5	1	35	3.5	40	25	470	<1	8	<1	75	<1	19	11	<1	190	<1	2	<10	2.3	1170	<0.5	5	<1	87	5	50	18
BL-43500E-65075N	<1	103	<10	<0.1	980	1	40	8	16	18	<100	40	3	1.2	1.4	38	4	5	<5	8	26	1.6	13	81	20	<1	2	<1	66	<1	15	4	<1	720	<1	<1	<10	2.5	449	<0.5	1	<1	15	1	180	15
BL-43500E-65050N	23	182	<10	<0.1	160	<1	30	9	72	29	<100	160	12	4.6	4	27	14	26	<5	1	7	0.7	42	20	230	<1	9	<1	379	<1	36	12	<1	30	<1	2	<10	8.4	495	<0.5	5	<1	48	3	130	61
BL-43500E-65025N	19	73	<10	<0.1	80	<1	<10	5	102	8	<100	120	32	10.7	8.5	6	29	29	<5	<1	<5	<0.5	84	16	170	<1	17	<1	312	<1	91	27	<1	<10	<1	6	<10	2.5	62	<0.5	6	<1	87	9	110	38
BL-43500E-65000N	15	127	<10	<0.1	80	<1	<10	6	161	18	<100	170	33	15.6	12.3	25	47	61	<5	<1	<5	0.7	161	23	130	<1	31	<1	149	<1	54	41	<1	<10	<1	7	<10	3.5	382	<0.5	4	<1	168	11	170	23
BL-43500E-64975N	21	58	<10	<0.1	40	<1	<10	4	102	15	<100	90	28	12.2	9.6	12	38	52	<5	<1	12	<0.5	130	26	150	<1	26	<1	244	<1	52	32	<1	<10	<1	5	<10	2.2	204	<0.5	4	<1	151	9	100	19
BL-43500E-64950N	17	65	<10	<0.1	100	<1	<10	6	152	8	<100	80	41	15.4	13.6	18	51	82	<5	2	16	2.1	172	9	180	<1	34	<1	235	<1	52	44	<1	<10	<1	8	<10	3.2	914	<0.5	6	<1	188	11	30	45
BL-43500E-64925N	23	105	<10	<0.1	60	<1	<10	14	85	11	<100	120	23	9.8	7.5	6	29	37	<5	<1	13	<0.5	89	23	160	<1	17	<1	245	<1	33	24	<1	<10	<1	4	<10	2.2	87	<0.5	3	<1	120	6	40	21
BL-43500E-64900N	22	145	<10	0.1	320	<1	40	13	101	34	<100	260	24	9	6.5	15	24	43	<5	5	8	0.9	69	42	170	<1	14	<1	230	<1	50	20	<1	60	<1	4	<10	4.5	525	<0.5	6	<1	85	6	160	56
BL-43500E-64875N	8	207	10	<0.1	640	<1	10	19	167	186	<100	320	87	38.3	20.4	55	82	76	<5	6	<5	5.4	199	216	280	<1	38	<1	194	<1	133	64	<1	60	<1	14	<10	6.8	2070	<0.5	7	<1	369	27	1270	115
BL-43500E-64850N	11	170	40	<0.1	700	<1	40	11	752	128	<100	340	174	76.5	54.1	85	212	298	<5	10	<5	8.1	623	185	190	<1	126	<1	178	1	172	171	1	100	<1	32	<10	6.7	4670	<0.5	5	2	913	52	480	84
BL-43500E-64825N	7	232	20	<0.1	590	<1	30	6	177	43	<100	200	34	15	10.6	87	41	84	<5	5	7	5.1	135	55	300	<1	29	<1	187	1	66	35	<1	50	<1	6	<10	12.6	3430	<0.5	6	1	160	10	170	61
BL-43500E-64800N	7	213	<10	<0.1	700	<1	90	11	379	39	<100	350	65	28	30.8	49	104	121	<5	14	7	2.5	311	43	160	<1	57	<1	200	<1	145	91	<1	240	<1	14	<10	10.3	962	<0.5	9	<1	362	21	170	39
BL-43500E-64775N	6	231	20	<0.1	980	<1	70	15	282	89	<100	330	111	53.1	42	97	158	170	<5	5	9	2.7	428	117	210	<1	80	<1	116	2	117	126	<1	220	<1	22	<10	14.1	2170	<0.5	7	1	598	36	210	55
BL-43500E-64750N	3	80	20	<0.1	870	<1	10	6	409	14	<100	70	149	53.5	51.3	17	212	357	<5	1	<5	2.5	711	5	240	<1	149	<1	235	<1	137	183	<1	30	<1	30	<10	8	3930	<0.5	6	2	694	32	20	63
BL-43500E-64725N	7	20	<10	0.1	3210	<1	350	11	165	16	<100	370	67	27.4	32	6	114	90	<5	26	19	<0.5	284	57	50	<1	44	<1	31	<1	15	88	<1	3830	<1	14	<10	4.4	22	<0.5	6	2	377	16	160	<5
BL-43500E-64700N	16	233	<10	<0.1	850	26	90	28	81	39	<100	140	10	4.1	2.9	56	11	23	<5	2	4																									

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-65000N-43225E	27	147	20	<0.1	660	<1	20	5	705	50	<100	320	196	87.6	68.5	49	255	504	<5	2	8	5.3	940	50	240	<1	204	<1	271	1	253	229	<1	50	<1	39	<10	7.9	3310	<0.5	5	2	951	60	160	93
L-65000N-43250E	17	126	<10	<0.1	120	<1	<10	5	125	21	<100	170	39	18.7	12.5	13	48	72	<5	<1	23	<0.5	158	34	170	<1	32	<1	216	<1	58	42	<1	<10	<1	7	<10	3.3	147	<0.5	2	<1	208	14	110	19
L-65000N-43275E	13	154	20	<0.1	900	<1	40	5	420	107	<100	330	165	74.4	55.9	75	222	387	<5	4	99	7.6	736	103	260	<1	148	<1	186	1	180	191	<1	70	<1	32	<10	8.3	3730	<0.5	7	2	936	52	430	100
L-65000N-43300E	12	155	20	<0.1	440	<1	20	3	52	17	<100	130	82	41.6	22.7	81	100	81	<5	1	118	4.1	234	31	190	<1	39	<1	169	1	54	73	<1	60	<1	14	<10	5.1	2730	<0.5	8	1	529	29	50	39
L-65000N-43325E	12	140	<10	<0.1	240	1	40	5	96	29	<100	230	27	11.9	7.3	40	29	38	<5	3	12	0.5	75	39	180	<1	14	<1	209	<1	54	23	<1	30	<1	5	<10	5.9	417	<0.5	6	<1	117	8	470	27
L-65000N-43400E	17	202	<10	<0.1	920	<1	210	47	18	72	<100	150	5	2.5	1.5	71	6	9	<5	14	33	1.7	14	40	110	<1	3	<1	195	<1	16	4	<1	1120	<1	<1	<10	5.2	915	<0.5	5	<1	28	2	340	16
L-65000N-43425E	6	295	<10	<0.1	530	<1	50	28	25	39	<100	250	6	2.8	1.4	42	5	10	<5	10	6	0.8	17	48	210	<1	4	<1	89	<1	16	4	<1	340	<1	<1	<10	2.2	598	<0.5	1	<1	35	2	420	16
L-65000N-43450E	13	248	10	<0.1	970	6	50	5	183	51	<100	160	18	7.5	6.4	57	23	72	<5	10	18	2	83	41	380	<1	19	<1	676	<1	40	20	<1	240	<1	3	<10	13.4	1540	<0.5	7	1	83	5	170	48
L-65300N-41800E	22	151	<10	<0.1	560	<1	70	24	46	43	<100	370	36	16.7	8.4	25	35	30	<5	3	91	2	74	91	150	<1	13	<1	114	<1	33	23	<1	170	<1	6	<10	4.2	845	<0.5	46	4	198	10	60	21
L-65300N-41825E	8	199	10	<0.1	480	<1	10	5	98	17	<100	210	30	11.7	8.6	34	35	39	<5	<1	33	1.4	91	38	210	<1	17	<1	177	1	27	27	<1	40	<1	5	<10	5.5	1050	<0.5	10	5	127	7	30	28
L-65300N-41850E	2	120	<10	<0.1	550	3	30	34	13	30	<100	300	3	1.4	0.8	49	3	6	<5	3	95	7.9	10	49	400	<1	2	<1	89	<1	33	2	2	140	<1	5	<10	7	2010	<0.5	5	3	13	1	1140	26
L-65300N-41875E	7	66	<10	<0.1	40	<1	<10	10	<5	17	<100	140	7	4.9	0.8	19	3	1	<5	<1	14	<0.5	5	30	180	<1	<1	<1	123	<1	12	2	<1	<10	<1	<1	<10	1.3	65	<0.5	4	1	44	4	80	<5
L-65300N-41900E	<1	169	<10	<0.1	80	<1	<10	3	6	15	<100	210	6	7	<0.5	16	2	2	<5	<1	10	0.7	4	36	160	<1	<1	<1	<5	<1	39	1	<1	<10	<1	<1	<10	2.5	169	<0.5	20	1	31	7	50	5
L-65300N-41925E	6	231	<10	<0.1	300	<1	<10	3	16	21	<100	280	6	5	0.9	55	3	8	<5	<1	<5	1.5	9	64	170	<1	2	<1	129	<1	20	2	<1	<10	<1	<1	<10	5.5	594	<0.5	6	1	27	4	70	29
L-65300N-41950E	1	186	<10	<0.1	230	<1	<10	6	<5	19	<100	250	1	1.2	<0.5	138	<1	2	<5	2	<5	3	2	76	20	<1	<1	<1	40	<1	11	<1	<1	20	<1	<1	<10	2.7	1160	<0.5	3	1	<5	2	30	11
L-65300N-41975E	2	162	<10	<0.1	80	<1	<10	3	<5	88	<100	210	2	3.5	<0.5	68	<1	<1	<5	2	<5	<0.5	<1	25	80	<1	<1	<1	137	<1	14	<1	<1	20	<1	4	<10	1.6	37	<0.5	2	<1	9	4	180	<5
L-65300N-42000E	2	270	40	<0.1	440	<1	<10	27	61	118	<100	460	26	15	3.8	89	16	23	<5	1	7	4.4	37	93	330	<1	8	<1	131	2	45	12	<1	10	<1	4	<10	12.6	2510	<0.5	19	2	117	10	260	88
L-65300N-42025E	2	222	<10	<0.1	210	<1	20	3	<5	25	<100	30	<1	<0.5	<0.5	98	<1	<1	<5	4	<5	<0.5	<1	21	<10	<1	<1	<1	48	<1	<5	<1	<1	80	<1	<1	<10	2	181	<0.5	2	<1	<5	1	30	<5
L-65300N-42050E	<1	208	<10	<0.1	920	<1	50	4	<5	67	<100	50	<1	<0.5	<0.5	206	<1	<1	7	6	14	1.6	<1	51	<10	<1	<1	<1	26	<1	<5	<1	<1	210	<1	<1	<10	1.4	136	<0.5	5	<1	<5	<1	90	<5
L-65300N-42075E	2	163	<10	<0.1	260	4	60	8	67	21	<100	180	41	20.1	7.2	24	30	15	<5	3	421	1.3	54	64	380	<1	9	<1	23	<1	27	19	<1	360	<1	6	<10	3.9	265	<0.5	204	3	210	12	170	8
L-65300N-42100E	4	222	<10	<0.1	240	<1	<10	17	13	27	<100	250	4	4.3	0.5	65	2	5	<5	3	7	1.3	6	55	120	<1	1	<1	150	<1	18	1	<1	90	<1	<1	<10	3.1	521	<0.5	4	1	21	4	180	19
L-65300N-42125E	<1	226	<10	<0.1	370	4	<10	13	5	42	<100	120	3	2.6	<0.5	49	1	3	<5	4	21	3.4	3	58	60	<1	<1	<1	40	<1	10	<1	<1	110	<1	<1	<10	3	1280	<0.5	1	1	13	3	240	8
L-65300N-42175E	<1	223	<10	<0.1	180	<1	<10	2	<5	12	<100	40	<1	<0.5	<0.5	133	<1	<1	<5	2	<5	0.8	<1	16	<10	<1	<1	<1	20	<1	<5	<1	<1	40	<1	<1	<10	1.2	140	<0.5	<1	<1	<5	<1	50	<5
L-65300N-42200E	5	106	<10	<0.1	20	2	<10	3	<5	17	<100	90	2	3.5	<0.5	26	<1	<1	<5	2	<5	<0.5	<1	25	70	<1	<1	<1	111	<1	15	<1	<1	20	<1	<1	<10	1.5	31	<0.5	2	<1	13	4	100	<5
L-65300N-42225E	<1	188	<10	<0.1	640	<1	10	30	9	225	<100	250	10	10.6	0.6	10	3	3	<5	3	13	<0.5	6	165	140	<1	1	<1	94	<1	9	2	<1	110	<1	<1	<10	1.5	100	<0.5	9	<1	55	10	480	<5
L-65300N-42250E	<1	37	<10	<0.1	750	1	100	16	8	48	<100	90	<1	<0.5	<0.5	22	1	4	<5	9	265	<0.5	4	113	210	<1	1	<1	142	<1	<5	1	<1	710	<1	<1	<10	1.9	64	<0.5	<1	1	5	<1	1130	<5
L-65300N-42300E	<1	47	<10	<0.1	550	2	30	25	<5	23	<100	110	<1	0.6	<0.5	25	1	2	<5	13	49	<0.5	4	98	240	<1	<1	<1	173	<1	<5	<1	<1	290	<1	<1	<10	2.3	189	<0.5	<1	1	<5	<1	1000	<5
L-65300N-42325E	2	262	<10	<0.1	340	1	<10	3	<5	21	<100	50	2	3.8	<0.5	87	1	2	<5	2	5	2.5	3	23	<10	<1	<1	<1	14	<1	19	<1	<1	120	<1	<1	<10	2.9	1550	<0.5	1	36	12	6	110	9
L-65300N-42350E	<1	242	<10	<0.1	650	6	60	10	<5	10	<100	50	<1	1	<0.5	53	<1	<1	<5	9	18	1.2	<1	54	20	<1	<1	<1	57	<1	17	<1	<1	340	<1	<1	<10	2.1	1460	<0.5	1	2	<5	2	300	<5
L-65300N-42375E	<1	124	<10	<0.1	620	1	40	15	<5	12	<100	90	1	0.7	<0.5	24	<1	1	<5	4	70	0.5	2	60	220	<1	<1	<1	83	<1	7	<1	<1	160	<1	<1	<10	2.4	269	<0.5	<1	1	5	<1	1450	23
L-65300N-42400E	<1	185	<10	<0.1	1040	2	<10	4	<5	11	<100	10	<1	<0.5	<0.5	134	<1	1	<5	4	12	3.4	1	23	<10	<1	<1	<1	52	1	<5	<1	<1	120	<1	<1	<10	2.1	1050	0.6	<1	1	<5	<1	130	7
L-65300N-42425E	<1	297	<10	<0.1	960	14	20	7	38	39	<100	90	15	8.6	1.6	65	10	5	<5	3																										

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-52800E-44750N	7	264	<10	<0.1	1310	<1	40	11	93	20	<100	460	35	18.9	6.7	10	31	28	<5	3	<5	<0.5	81	32	90	<1	16	<1	77	<1	15	21	<1	300	<1	6	<10	3.1	178	<0.5	13	<1	220	15	80	<5
L-52800E-44775N	22	132	<10	<0.1	890	<1	50	21	26	160	<100	560	29	18.1	3.3	24	17	10	<5	4	<5	0.6	29	40	50	<1	5	<1	58	<1	17	10	<1	230	<1	4	<10	4.7	191	<0.5	13	<1	184	13	430	<5
L-52800E-44800N	2	119	<10	<0.1	760	<1	30	18	34	10	<100	740	36	22.7	3.5	6	19	10	<5	3	9	<0.5	28	26	30	<1	5	<1	46	<1	16	10	<1	130	<1	4	<10	4.5	56	<0.5	40	1	216	16	190	<5
L-52650E-44325N	<1	243	<10	<0.1	2020	1	100	45	18	414	<100	2120	15	11.7	1.7	134	7	6	6	29	<5	0.5	14	74	210	<1	2	<1	18	<1	45	4	<1	260	<1	2	<10	3.9	216	<0.5	2	1	83	10	2630	10
L-52650E-44350N	5	266	<10	<0.1	1000	<1	40	27	11	519	<100	770	10	6.3	1.3	63	6	5	<5	12	<5	0.5	10	56	140	<1	2	<1	16	<1	28	4	<1	180	<1	1	<10	2.3	410	<0.5	1	<1	57	5	1020	5
L-52650E-44375N	<1	210	<10	<0.1	1170	<1	30	8	<5	105	<100	210	<1	0.7	<0.5	121	<1	2	5	12	<5	0.8	2	72	20	<1	<1	<1	6	<1	19	<1	<1	170	<1	<1	<10	1.8	274	<0.5	<1	<1	<5	1	390	5
L-52650E-44400N	<1	202	<10	<0.1	500	<1	10	5	<5	80	<100	80	<1	<0.5	<0.5	137	<1	<1	<5	6	<5	0.5	<1	45	<10	<1	<1	<1	7	<1	16	<1	<1	120	<1	<1	<10	1.6	316	<0.5	<1	<1	<5	1	60	5
L-52650E-44425N	<1	232	<10	<0.1	2480	1	90	5	14	302	<100	450	2	2.6	0.8	248	2	6	12	49	<5	1.1	7	177	10	<1	2	<1	22	<1	40	2	<1	690	<1	<1	<10	1.8	317	<0.5	1	<1	13	6	550	11
L-52650E-44450N	6	115	<10	<0.1	2290	<1	320	31	59	55	<100	3170	23	14.5	4.7	44	20	19	<5	24	<5	<0.5	42	226	50	<1	8	<1	38	<1	42	13	<1	880	<1	3	<10	2.2	57	<0.5	2	<1	157	12	250	7
L-52650E-44475N	2	171	<10	<0.1	2210	<1	110	38	38	172	<100	4060	22	15.5	3.1	100	13	14	<5	29	<5	<0.5	29	292	60	<1	6	<1	30	<1	45	9	<1	470	<1	3	<10	3.4	223	<0.5	1	1	131	12	840	12
L-52650E-44500N	10	209	<10	<0.1	1140	<1	50	43	7	159	<100	4880	25	23.9	1.2	63	6	2	<5	14	<5	<0.5	7	237	60	<1	1	<1	6	<1	36	3	<1	270	<1	2	<10	2.2	145	<0.5	<1	<1	160	22	660	<5
L-52650E-44525N	1	130	<10	<0.1	1470	<1	200	10	8	30	<100	1430	4	3.7	0.5	246	2	3	<5	12	11	1.3	5	49	10	<1	1	<1	27	<1	8	1	<1	450	<1	<1	<10	3.7	422	<0.5	18	1	20	3	420	7
L-52650E-44550N	5	172	40	<0.1	2030	1	180	18	251	55	<100	2030	34	18.4	9.5	74	38	69	<5	4	48	6.5	102	41	110	<1	22	<1	178	2	46	28	<1	140	<1	6	<10	28	1960	<0.5	84	3	186	16	1420	52
L-52650E-44575N	47	152	<10	0.2	1260	3	100	33	308	55	<100	7670	86	49.6	22.1	64	92	112	<5	<1	279	2.8	220	70	260	<1	45	<1	85	5	92	69	<1	90	<1	15	<10	43.2	573	<0.5	248	2	467	43	1050	59
L-52650E-44600N	3	99	<10	<0.1	770	<1	170	23	32	31	<100	1790	22	14.1	3.4	53	15	13	<5	5	20	0.7	27	24	70	<1	5	<1	17	<1	23	9	<1	270	<1	3	<10	8.6	226	<0.5	54	1	141	11	1160	5
L-52650E-44625N	<1	87	<10	<0.1	2160	<1	310	35	34	112	<100	540	13	8.4	2.8	51	12	16	<5	18	10	0.6	26	27	110	<1	5	<1	33	<1	10	7	<1	530	<1	2	<10	6.4	253	<0.5	15	1	77	8	1860	<5
L-52650E-44650N	2	119	<10	<0.1	520	<1	60	47	24	13	<100	2530	37	23.7	3.3	15	19	7	<5	4	10	<0.5	24	30	60	<1	4	<1	53	<1	21	9	<1	150	<1	4	<10	7.4	90	<0.5	52	1	218	17	2550	<5
L-52650E-44675N	2	187	<10	<0.1	2030	<1	60	5	8	32	<100	510	3	3.2	0.5	116	2	3	<5	7	16	2.2	4	20	10	<1	<1	<1	<5	<1	8	<1	<1	240	<1	<1	<10	7	619	<0.5	7	1	17	5	190	<5
L-52650E-44700N	6	287	<10	<0.1	490	<1	<10	4	<5	24	<100	530	1	2.6	<0.5	28	<1	<1	<5	1	<5	<0.5	<1	64	30	<1	<1	<1	16	<1	<5	<1	<1	50	<1	<1	<10	2.7	140	<0.5	2	<1	7	3	60	<5
L-64900N-41850E	3	>300	<10	<0.1	1090	8	20	15	93	34	<100	210	11	7.1	1.9	220	8	21	<5	9	14	6.2	24	42	120	<1	5	<1	23	<1	24	6	1	230	<1	2	<10	15.5	2470	<0.5	3	7	53	6	1490	34
L-64900N-41875E	3	>300	<10	<0.1	460	4	20	11	37	111	<100	250	6	3.6	0.6	126	3	7	<5	6	12	1.9	7	31	190	<1	2	<1	118	<1	14	2	<1	110	<1	<1	<10	21.6	783	<0.5	5	2	25	3	1180	21
L-64900N-41900E	<1	>300	<10	<0.1	1730	12	30	4	12	67	<100	40	4	3.1	<0.5	87	2	3	<5	7	<5	<0.5	4	31	70	<1	<1	<1	27	<1	11	1	<1	250	<1	1	<10	5	110	<0.5	2	<1	23	3	620	9
L-64900N-41925E	1	>300	<10	<0.1	3090	2	160	22	30	82	<100	150	6	3.6	1.4	98	6	9	<5	16	20	2.2	15	53	280	<1	3	<1	57	<1	15	4	<1	780	<1	1	<10	5.4	1020	<0.5	3	<1	37	3	1270	15
L-64900N-41950E	1	>300	<10	<0.1	1110	1	30	18	7	44	<100	100	2	1.3	<0.5	80	1	3	<5	7	43	5.2	5	22	190	<1	<1	<1	29	<1	10	1	<1	300	<1	<1	<10	7.9	2590	<0.5	2	2	13	1	960	19
L-64900N-41975E	<1	>300	<10	<0.1	670	<1	50	13	9	36	<100	130	5	2.8	1	68	3	4	<5	9	22	1.6	7	26	300	<1	1	<1	191	<1	9	2	<1	340	<1	<1	<10	9.7	699	<0.5	6	<1	24	2	1320	8
L-64900N-42000E	<1	>300	<10	<0.1	750	1	30	8	<5	67	<100	120	1	0.9	<0.5	133	<1	2	<5	6	18	2.4	2	27	70	<1	<1	<1	354	<1	10	<1	<1	290	<1	<1	<10	7.8	708	0.5	3	<1	<5	<1	1060	17
L-64900N-42025E	1	>300	<10	<0.1	2460	2	30	11	6	77	<100	110	1	1	<0.5	154	<1	5	<5	9	17	3.6	3	46	90	<1	<1	<1	158	<1	7	<1	<1	330	<1	<1	<10	6.3	1040	<0.5	2	<1	8	<1	1040	19
L-64900N-42050E	<1	>300	<10	<0.1	1290	<1	30	3	18	65	<100	20	3	1.9	0.9	86	3	12	<5	10	1.3	12	41	10	<1	3	<1	265	<1	13	3	<1	260	<1	<1	<10	5.2	258	<0.5	4	<1	13	3	170	17	
L-64900N-42075E	4	>300	<10	<0.1	650	2	<10	11	39	39	<100	200	10	5.8	2	74	7	13	<5	1	52	1.9	20	56	290	<1	4	<1	403	<1	33	6	<1	60	<1	1	<10	10.3	1000	<0.5	6	<1	52	4	210	30
L-64900N-42100E	9	>300	20	<0.1	320	8	<10	4	40	37	<100	170	4	2.3	0.8	175	3	14	<5	3	63	5.9	11	52	130	<1	3	<1	283	1	17	3	<1	80	<1	<1	<10	14.3	1960	<0.5	4	1	20	2	320	43
L-64900N-42125E	4	>300	20	<0.1	500	4	10	5	18	21	<100	120	2	2.1	<0.5	146	1	6	<5	4	183	2.4	5	28	60	<1	1	<1	224	<1	17	1	<1	360	<1	<1	<10	10.4	1170	<0.5	6	<1	12	2	190	24
L-64900N-42150E	3	>300	<10	<0.1	360	2	<10	4	<5	38	<100	60	3	2.6	<0.5	52	<1	3	<5	2	9	1	2	64	130	<1	<1																			

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-64900N-42575E	37	99	<10	<0.1	830	<1	180	34	30	9	<100	2610	35	18.4	8.4	8	40	45	<5	8	842	<0.5	93	37	30	<1	19	<1	288	<1	31	29	<1	750	<1	6	<10	2.2	121	<0.5	369	<1	220	14	180	11
L-64900N-42600E	10	>300	10	<0.1	860	1	70	12	50	279	<100	490	14	7.3	3.9	74	16	34	<5	6	484	3.5	50	48	100	<1	11	<1	185	<1	22	14	<1	420	<1	2	<10	4.2	1570	<0.5	22	<1	85	5	190	20
L-64900N-42625E	<1	>300	<10	<0.1	1360	1	220	112	13	133	<100	1310	29	25.4	4.7	69	24	32	<5	15	408	0.6	58	38	200	<1	12	<1	114	<1	32	17	<1	1500	<1	4	<10	2.7	199	0.8	90	2	187	28	1420	5
L-64900N-42650E	<1	44	<10	<0.1	570	2	130	27	6	23	<100	100	2	1.5	0.7	29	3	5	<5	12	604	<0.5	10	97	160	<1	2	<1	187	<1	<5	3	<1	930	<1	<1	<10	2.4	102	<0.5	3	<1	17	1	1020	6
L-64900N-42675E	<1	>300	<10	<0.1	190	3	40	18	10	13	<100	260	5	2.5	1.1	64	5	4	<5	4	931	6.6	12	27	190	<1	2	<1	76	<1	19	4	<1	150	<1	<1	<10	4.7	1830	<0.5	8	1	27	2	740	18
L-64900N-42700E	25	>300	10	<0.1	1020	<1	180	9	113	26	<100	740	36	15.3	10.6	41	52	100	<5	6	707	2.3	154	25	190	<1	32	<1	372	<1	24	43	<1	570	<1	7	<10	11.6	781	<0.5	87	<1	193	10	30	25
L-64900N-42725E	2	>300	<10	<0.1	1260	1	40	16	15	92	<100	360	14	9.7	1.6	165	8	10	<5	7	190	2.2	16	48	240	<1	3	<1	104	<1	24	5	<1	500	<1	2	<10	6.8	909	<0.5	18	<1	87	7	510	16
L-64900N-42750E	<1	>300	<10	<0.1	480	<1	20	7	5	114	<100	170	3	3.9	<0.5	71	<1	3	<5	6	14	<0.5	3	48	50	<1	<1	<1	81	<1	9	<1	<1	380	<1	<1	<10	4.3	109	<0.5	6	<1	15	5	490	5
L-65400N-41800E	25	126	<10	<0.1	110	<1	<10	6	95	7	<100	200	23	10.6	6.5	7	24	38	<5	<1	9	<0.5	80	17	220	<1	16	<1	245	<1	30	20	<1	<10	<1	4	<10	2.3	27	<0.5	8	<1	129	7	40	8
L-65400N-41825E	2	>300	<10	<0.1	400	1	20	41	8	120	<100	560	7	5.3	0.6	144	3	4	<5	17	<5	6	6	72	140	<1	1	<1	61	<1	27	2	<1	170	<1	<1	<10	3.9	2040	<0.5	3	3	35	4	960	34
L-65400N-41875E	1	>300	<10	<0.1	110	<1	<10	12	7	24	<100	220	5	4	0.5	38	2	3	<5	1	<5	1.5	5	55	140	<1	1	<1	154	<1	25	1	<1	40	<1	<1	<10	1.7	418	<0.5	3	2	29	3	180	23
L-65400N-41900E	<1	>300	<10	<0.1	240	<1	<10	<1	<5	50	<100	80	<1	0.7	<0.5	150	<1	1	<5	11	<5	2.7	1	38	<10	<1	<1	<1	7	<1	6	<1	<1	120	<1	<1	<10	1.2	779	<0.5	2	2	<5	1	60	12
L-65400N-41925E	<1	>300	<10	<0.1	190	<1	10	4	<5	31	<100	70	<1	<0.5	<0.5	178	<1	2	<5	6	<5	2	2	24	10	<1	<1	<1	231	<1	13	<1	<1	110	<1	<1	<10	2.5	755	<0.5	2	<1	<5	<1	90	21
L-65400N-41950E	<1	>300	<10	<0.1	510	<1	60	25	<5	82	<100	100	9	9.1	<0.5	51	2	1	<5	10	8	0.5	3	45	90	<1	<1	<1	47	<1	22	1	<1	520	<1	<1	<10	1.3	223	<0.5	4	1	55	8	410	5
L-65400N-41975E	<1	>300	<10	<0.1	1170	<1	10	4	<5	120	<100	30	<1	0.6	<0.5	45	<1	<1	<5	13	<5	<0.5	<1	57	<10	<1	<1	<1	67	<1	21	<1	<1	200	<1	<1	<10	<0.5	84	0.6	<1	<1	<5	1	210	<5
L-65400N-42000E	7	>300	<10	<0.1	350	<1	50	6	95	23	<100	130	22	11.4	7.9	21	30	40	<5	3	<5	2.8	93	32	70	<1	17	<1	80	<1	35	25	<1	140	<1	4	<10	4.5	1550	<0.5	5	12	149	8	70	48
L-65400N-42050E	<1	52	<10	<0.1	120	<1	310	21	<5	22	<100	20	4	2.5	0.9	3	4	2	<5	20	16	<0.5	6	28	40	<1	1	<1	29	<1	2	<1	2250	<1	<1	<10	<0.5	<3	<0.5	165	137	29	2	300	<5	
L-65400N-42075E	<1	>300	<10	<0.1	60	<1	<10	3	<5	40	<100	90	<1	0.9	<0.5	114	<1	<1	<5	5	6	1.9	<1	24	<10	<1	<1	<1	87	<1	39	<1	<1	130	<1	<1	<10	1.5	2140	<0.5	2	28	<5	2	150	10
L-65400N-42100E	<1	>300	<10	<0.1	250	<1	20	7	<5	66	<100	80	<1	0.5	<0.5	138	<1	<1	<5	9	<5	0.7	<1	112	<10	<1	<1	<1	8	<1	10	<1	<1	260	<1	<1	<10	0.9	317	<0.5	3	<1	<5	1	70	5
L-65400N-42125E	2	>300	30	<0.1	300	<1	20	6	19	28	<100	140	5	4.9	1.1	231	4	9	<5	4	10	10.1	12	90	30	<1	3	<1	68	<1	21	3	<1	210	<1	<1	<10	5.2	3170	<0.5	4	1	31	6	100	35
L-65400N-42150E	<1	>300	<10	<0.1	160	<1	<10	2	5	15	<100	60	<1	0.7	<0.5	41	<1	2	<5	4	<5	0.8	2	62	<10	<1	<1	<1	61	<1	17	<1	<1	100	<1	<1	<10	1.1	365	<0.5	2	<1	<5	1	30	7
L-65400N-42175E	3	>300	<10	<0.1	430	<1	90	21	<5	73	<100	200	4	4.6	<0.5	68	1	1	<5	15	6	0.8	2	60	30	<1	<1	<1	73	<1	31	<1	<1	580	<1	<1	<10	1.2	723	<0.5	4	1	25	5	480	6
L-65400N-42200E	6	>300	<10	<0.1	250	<1	<10	10	<5	140	<100	170	<1	1	<0.5	39	<1	<1	<5	4	<5	<0.5	<1	29	10	<1	<1	<1	114	<1	13	<1	<1	60	<1	<1	<10	<0.5	253	<0.5	<1	4	<5	1	210	<5
L-65400N-42225E	1	>300	<10	<0.1	290	1	40	3	<5	54	<100	30	<1	<0.5	<0.5	101	<1	<1	<5	11	6	<0.5	<1	40	<10	<1	<1	<1	68	<1	10	<1	<1	480	<1	<1	<10	<0.5	539	<0.5	<1	<1	<5	<1	60	<5
L-65400N-42250E	<1	>300	<10	<0.1	270	<1	50	8	<5	43	<100	60	1	1.3	<0.5	93	<1	2	<5	9	10	4.4	2	66	<10	<1	<1	<1	97	<1	23	<1	<1	430	<1	<1	<10	2.4	2300	<0.5	1	1	8	2	210	18
L-65400N-42275E	8	>300	20	<0.1	310	1	<10	33	23	96	<100	280	10	7.4	1.6	129	6	11	<5	1	433	9.2	18	43	140	<1	4	<1	182	<1	27	4	1	90	<1	1	<10	3.2	3400	<0.5	7	3	71	6	240	22
L-65400N-42300E	<1	76	<10	<0.1	450	<1	150	10	9	102	<100	10	14	10.7	2.4	13	10	9	<5	9	258	<0.5	21	32	20	<1	4	<1	7	<1	<5	7	<1	1070	<1	2	<10	<0.5	<3	0.6	15	10	108	8	130	<5
L-65400N-42325E	3	>300	10	<0.1	130	<1	<10	4	42	13	<100	240	14	8.8	2.2	24	8	19	<5	<1	54	8.9	24	18	430	<1	5	<1	190	1	46	6	<1	30	<1	2	<10	6.6	2180	<0.5	6	1	75	7	80	71
L-65400N-42350E	<1	>300	<10	<0.1	100	<1	<10	2	<5	10	<100	30	<1	0.5	<0.5	106	<1	<1	<5	5	12	6.1	<1	20	<10	<1	<1	<1	47	<1	7	<1	<1	110	<1	<1	<10	1.5	1140	<0.5	2	<1	<5	<1	50	16
L-65400N-42375E	<1	>300	<10	<0.1	160	<1	10	3	<5	17	<100	30	<1	<0.5	<0.5	71	<1	<1	<5	10	9	<0.5	<1	32	<10	<1	<1	<1	51	<1	11	<1	<1	200	<1	<1	<10	1.8	160	<0.5	2	<1	<5	<1	90	<5
L-65400N-42400E	9	>300	<10	<0.1	630	<1	40	26	12	9	<100	110	19	8.7	4	20	17	11	<5	3	35	<0.5	39	16	360	<1	6	<1	142	<1	10	12	<1	270	<1	3	<10	4.5	211	<0.5	34	1	128	6	460	<5
L-65400N-42425E	<1	160	<10	<0.1	3980	3	470	45																																						

Name	Ag (ppb)	Al (ppm)	As (ppb)	Au (ppb)	Ba (ppb)	Bi (ppb)	Ca (ppm)	Cd (ppb)	Ce (ppb)	Co (ppb)	Cr (ppb)	Cu (ppb)	Dy (ppb)	Er (ppb)	Eu (ppb)	Fe (ppm)	Gd (ppb)	La (ppb)	Li (ppb)	Mg (ppm)	Mo (ppb)	Nb (ppb)	Nd (ppb)	Ni (ppb)	Pb (ppb)	Pd (ppb)	Pr (ppb)	Pt (ppb)	Rb (ppb)	Sb (ppb)	Sc (ppb)	Sm (ppb)	Sn (ppb)	Sr (ppb)	Ta (ppb)	Tb (ppb)	Te (ppb)	Th (ppb)	Ti (ppb)	Tl (ppb)	U (ppb)	W (ppb)	Y (ppb)	Yb (ppb)	Zn (ppb)	Zr (ppb)
L-52550E-44525N	5	>300	<10	<0.1	100	<1	<10	4	8	11	<100	220	<1	0.7	<0.5	84	<1	4	<5	<1	<5	2.2	3	48	<10	<1	<1	<1	26	<1	9	<1	<1	20	<1	<1	<10	3.2	446	<0.5	3	<1	<5	1	50	11
L-52550E-44550N	5	>300	<10	<0.1	410	<1	30	32	37	76	<100	1230	22	12.5	3.6	67	16	14	<5	8	12	3.1	33	70	90	<1	6	<1	54	<1	39	10	<1	130	<1	3	<10	4.9	975	<0.5	10	<1	134	10	1140	24
L-52550E-44575N	<1	>300	<10	<0.1	1110	<1	20	29	68	473	<100	1550	23	17.5	2.5	94	10	20	<5	12	15	2.1	26	67	60	<1	6	<1	182	<1	73	7	<1	140	<1	3	<10	28.7	783	<0.5	18	<1	120	18	1110	42
L-52550E-44600N	<1	>300	<10	<0.1	3180	<1	170	12	<5	66	<100	30	1	0.9	<0.5	75	<1	2	<5	48	17	1.7	3	194	<10	<1	<1	<1	312	<1	21	<1	<1	2200	<1	<1	<10	7.3	335	<0.5	3	<1	10	1	610	12
L-52550E-44625N	70	82	10	0.8	####	<1	380	12	172	86	<100	26000	130	75.5	48	55	153	179	<5	27	110	<0.5	303	72	130	<1	64	<1	178	18	138	105	<1	970	<1	23	<10	29	125	<0.5	33	<1	768	78	370	12
L-52550E-44650N	3	>300	<10	<0.1	90	<1	<10	3	<5	15	<100	220	1	1.7	<0.5	29	<1	<1	<5	<1	<5	<0.5	<1	53	50	<1	<1	<1	21	<1	8	<1	<1	20	<1	<1	<10	0.5	158	<0.5	3	<1	6	2	30	<5
L-52550E-44675N	2	>300	<10	<0.1	230	<1	<10	2	<5	14	<100	80	<1	<0.5	<0.5	77	<1	2	<5	3	<5	2.3	1	27	<10	<1	<1	<1	<5	<1	7	<1	<1	80	<1	<1	<10	3.6	681	<0.5	2	<1	<5	<1	40	6
L-52550E-44700N	2	>300	<10	<0.1	140	<1	<10	2	<5	16	<100	120	1	1.4	<0.5	61	<1	1	<5	4	<5	1.7	1	10	<10	<1	<1	<1	21	<1	10	<1	<1	60	<1	<1	<10	3.5	437	<0.5	2	<1	6	2	80	6

Name	Easting	Northing	Location	Sample_id
Ccr01	544111	6068028	WOMO - Carpenter Creek Road	L-CCR1 1
Ccr02	544023	6068041	WOMO - Carpenter Creek Road	L-CCR1 2
Ccr03	543975	6068070	WOMO - Carpenter Creek Road	L-CCR1 3
Ccr04	543937	6068111	WOMO - Carpenter Creek Road	L-CCR1 4
Ccr05	543900	6068152	WOMO - Carpenter Creek Road	L-CCR1 5
Ccr06	543859	6068206	WOMO - Carpenter Creek Road	L-CCR1 6
Ccr07	543821	6068249	WOMO - Carpenter Creek Road	L-CCR1 7
Ccr08	543780	6068284	WOMO - Carpenter Creek Road	L-CCR1 8
Ccr09	543743	6068309	WOMO - Carpenter Creek Road	L-CCR1 9
Ccr10	543699	6068314	WOMO - Carpenter Creek Road	L-CCR1 10
Ccr11	543680	6068276	WOMO - Carpenter Creek Road	L-CCR1 11
Ccr12	543698	6068224	WOMO - Carpenter Creek Road	L-CCR1 12
Ccr13	543734	6068188	WOMO - Carpenter Creek Road	L-CCR1 13
Ccr14	543760	6068154	WOMO - Carpenter Creek Road	L-CCR1 14
Ccr15	543772	6068105	WOMO - Carpenter Creek Road	L-CCR1 15
Ccr16	543764	6068067	WOMO - Carpenter Creek Road	L-CCR1 16
Ccr17	543735	6068020	WOMO - Carpenter Creek Road	L-CCR1 17
Ccr18	543714	6067976	WOMO - Carpenter Creek Road	L-CCR1 18
Ccr19	543696	6067922	WOMO - Carpenter Creek Road	L-CCR1 19
Ccr20	543675	6067883	WOMO - Carpenter Creek Road	L-CCR1 20
Ccr21	543657	6067840	WOMO - Carpenter Creek Road	L-CCR1 21
Ccr22	543557	6067608	WOMO - Carpenter Creek Road	L-CCR 22
Ccr23	543544	6067553	WOMO - Carpenter Creek Road	L-CCR 23
Ccr24	543522	6067473	WOMO - Carpenter Creek Road	L-CCR 24
Ccr25	543520	6067428	WOMO - Carpenter Creek Road	L-CCR 25
Ccr26	543517	6067380	WOMO - Carpenter Creek Road	L-CCR1 26
Ccr27	543523	6067324	WOMO - Carpenter Creek Road	L-CCR1 27
Ccr28	543528	6067274	WOMO - Carpenter Creek Road	L-CCR1 28
Ccr29	543537	6067220	WOMO - Carpenter Creek Road	L-CCR1 29
Ccr30	543541	6067167	WOMO - Carpenter Creek Road	L-CCR1 30
Ccr31	543544	6067113	WOMO - Carpenter Creek Road	L-CCR1 31
Ccr32	543542	6067060	WOMO - Carpenter Creek Road	L-CCR1 32
Ccr33	543543	6067006	WOMO - Carpenter Creek Road	L-CCR1 33
Ccr34	543530	6066951	WOMO - Carpenter Creek Road	L-CCR1 34
Ccr35	543510	6066909	WOMO - Carpenter Creek Road	L-CCR1 35
Ccr36	543494	6066862	WOMO - Carpenter Creek Road	L-CCR1 36
Ccr37	543478	6066811	WOMO - Carpenter Creek Road	L-CCR1 37
Ccr38	543454	6066762	WOMO - Carpenter Creek Road	L-CCR1 38
Ccr39	543429	6066710	WOMO - Carpenter Creek Road	L-CCR1 39
Ccr40	543406	6066664	WOMO - Carpenter Creek Road	L-CCR1 40
Ccr41	543367	6066640	WOMO - Carpenter Creek Road	L-CCR1 41
Ccr42	543313	6066609	WOMO - Carpenter Creek Road	L-CCR1 42
Ccr43	543293	6066562	WOMO - Carpenter Creek Road	L-CCR1 43
Ccr44	543276	6066520	WOMO - Carpenter Creek Road	L-CCR1 44
Ccr45	543250	6066469	WOMO - Carpenter Creek Road	L-CCR1 45
Ccr46	543251	6066412	WOMO - Carpenter Creek Road	L-CCR1 46
Ccr47	543237	6066363	WOMO - Carpenter Creek Road	L-CCR1 47
Ccr48	543233	6066302	WOMO - Carpenter Creek Road	L-CCR1 48
Ccr49	543205	6066258	WOMO - Carpenter Creek Road	L-CCR1 49
Ccr50	543164	6066212	WOMO - Carpenter Creek Road	L-CCR1 50
Ccr51	543153	6066149	WOMO - Carpenter Creek Road	L-CCR 51
Ccr52	543145	6066114	WOMO - Carpenter Creek Road	L-CCR 52
Ccr53	543122	6066081	WOMO - Carpenter Creek Road	L-CCR 53
Ccr54	543091	6066043	WOMO - Carpenter Creek Road	L-CCR 54
Ccr55	543065	6065997	WOMO - Carpenter Creek Road	L-CCR 55
Ccr56	543026	6065969	WOMO - Carpenter Creek Road	L-CCR 56
Ccr57	542983	6065950	WOMO - Carpenter Creek Road	L-CCR 57
Ccr58	542946	6065967	WOMO - Carpenter Creek Road	L-CCR 58
Ccr59	542944	6066001	WOMO - Carpenter Creek Road	L-CCR 59
Ccr60	542935	6066058	WOMO - Carpenter Creek Road	L-CCR 60
Ccr61	542908	6066102	WOMO - Carpenter Creek Road	L-CCR 61
Ccr62	542872	6066124	WOMO - Carpenter Creek Road	L-CCR 62
Ccr64	542784	6066200	WOMO - Carpenter Creek Road	L-CCR 64
Ccr65	542755	6066149	WOMO - Carpenter Creek Road	L-CCR 65
Ccr66	542741	6066099	WOMO - Carpenter Creek Road	L-CCR 66
Ccr67	542722	6066059	WOMO - Carpenter Creek Road	L-CCR 67
Ccr68	542710	6066021	WOMO - Carpenter Creek Road	L-CCR 68
Ccr69	542687	6065979	WOMO - Carpenter Creek Road	L-CCR 69
Ccr70	542657	6065942	WOMO - Carpenter Creek Road	L-CCR 70
Ccr72	542573	6065986	WOMO - Carpenter Creek Road	L-CCR 72
Ccr73	542537	6066008	WOMO - Carpenter Creek Road	L-CCR 73
Ccr74	542481	6066042	WOMO - Carpenter Creek Road	L-CCR 74
Ccr75	542445	6066053	WOMO - Carpenter Creek Road	L-CCR 75

Name	Easting	Northing	Location	Sample_id
Ccr76	542394	6066052	WOMO - Carpenter Creek Road	L-CCR 76
Ccr77	542353	6066058	WOMO - Carpenter Creek Road	L-CCR 77
Ccr78	542309	6066075	WOMO - Carpenter Creek Road	L-CCR 78
Ccr79	542276	6066118	WOMO - Carpenter Creek Road	L-CCR 79
Ccr80	542240	6066156	WOMO - Carpenter Creek Road	L-CCR 80
Ccr81	542192	6066179	WOMO - Carpenter Creek Road	L-CCR 81
Ccr82	542143	6066182	WOMO - Carpenter Creek Road	L-CCR 82
Ccr83	542109	6066155	WOMO - Carpenter Creek Road	L-CCR 83
Ccr84	542074	6066106	WOMO - Carpenter Creek Road	L-CCR 84
Ccr85	542053	6066060	WOMO - Carpenter Creek Road	L-CCR 85
Ccr86	542063	6066011	WOMO - Carpenter Creek Road	L-CCR 86
Ccr87	542050	6065962	WOMO - Carpenter Creek Road	L-CCR 87
Ccr88	542004	6065962	WOMO - Carpenter Creek Road	L-CCR 88
BR002	544181	6068035	Connects to CCR just before sample 1	L-BR1 2
BR003	544178	6068066	Connects to CCR just before sample 1	L-BR1 3
BR004	544162	6068118	Connects to CCR just before sample 1	L-BR1 4
BR005	544155	6068138	Connects to CCR just before sample 1	L-BR1 5
BR006	544141	6068170	Connects to CCR just before sample 1	L-BR1 6
BR007	544136	6068186	Connects to CCR just before sample 1	L-BR1 7
BR008	544124	6068213	Connects to CCR just before sample 1	L-BR1 8
BR009	544125	6068233	Connects to CCR just before sample 1	L-BR1 9
BR010	544098	6068240	Connects to CCR just before sample 1	L-BR1 10
BR011	544084	6068319	Connects to CCR just before sample 1	L-BR1 11
BR012	544063	6068360	Connects to CCR just before sample 1	L-BR1 12
BR013	544031	6068412	Connects to CCR just before sample 1	L-BR1 13
BR014	543997	6068462	Connects to CCR just before sample 1	L-BR1 14
BR015	543954	6068484	Connects to CCR just before sample 1	L-BR1 15
BR016	543907	6068530	Connects to CCR just before sample 1	L-BR1 16
BR017	543870	6068554	Connects to CCR just before sample 1	L-BR1 17
BR018	543829	6068603	Connects to CCR just before sample 1	L-BR1 18
BR019	543794	6068635	Connects to CCR just before sample 1	L-BR1 19
BR020	543747	6068663	Connects to CCR just before sample 1	L-BR1 20
BR021	543700	6068685	Connects to CCR just before sample 1	L-BR1 21
BR022	543657	6068712	Connects to CCR just before sample 1	L-BR1 22
BR023	543603	6068738	Connects to CCR just before sample 1	L-BR1 23
BR024	543557	6068754	Connects to CCR just before sample 1	L-BR1 24
BR025	543506	6068780	Connects to CCR just before sample 1	L-BR1 25
BR026	543451	6068807	Connects to CCR just before sample 1	L-BR1 26
BR027	543401	6068831	Connects to CCR just before sample 1	L-BR1 27
BR028	543359	6068857	Connects to CCR just before sample 1	L-BR1 28
BR029	543306	6068857	Connects to CCR just before sample 1	L-BR1 29
BR030	543254	6068882	Connects to CCR just before sample 1	L-BR1 30
BR031	543207	6068897	Connects to CCR just before sample 1	L-BR1 31
BR032	543152	6068915	Connects to CCR just before sample 1	L-BR1 32
BR033	543096	6068930	Connects to CCR just before sample 1	L-BR1 33
BR034	543052	6068950	Connects to CCR just before sample 1	L-BR1 34
BR035	542996	6068974	Connects to CCR just before sample 1	L-BR1 35
BR036	542946	6068969	Connects to CCR just before sample 1	L-BR1 36
BR037	542887	6068970	Connects to CCR just before sample 1	L-BR1 37
BR038	542839	6068987	Connects to CCR just before sample 1	L-BR1 38
BR039	542789	6068994	Connects to CCR just before sample 1	L-BR1 39
BR040	542732	6068996	Connects to CCR just before sample 1	L-BR1 40
BR041	542684	6068994	Connects to CCR just before sample 1	L-BR1 41
2Br-01	543304	6066665	Br2	L-BR2 1
2Br-02	543314	6066712	Br2	L-BR2 2
2Br-03	543306	6066752	Br2	L-BR2 3
2Br-04	543322	6066807	Br2	L-BR2 4
2Br-05	543323	6066860	Br2	L-BR2 5
2Br-06	543326	6066909	Br2	L-BR2 6
2Br-07	543313	6066957	Br2	L-BR2 7
2Br-08	543305	6067009	Br2	L-BR2 8
2Br-09	543308	6067052	Br2	L-BR2 9
2Br-10	543331	6067096	Br2	L-BR2 10
2Br-11	543336	6067149	Br2	L-BR2 11
2Br-12	543294	6067209	Br2	L-BR2 12
2Br-13	543246	6067186	Br2	L-BR2 13
2Br-14	543201	6067183	Br2	L-BR2 14
2Br-15	543153	6067182	Br2	L-BR2 15
2Br-16	543092	6067185	Br2	L-BR2 16
2Br-17	543066	6067228	Br2	L-BR2 17
2Br-18	543053	6067276	Br2	L-BR2 18
2Br-19	543037	6067329	Br2	L-BR2 19
2Br-20	543018	6067377	Br2	L-BR2 20

Name	Easting	Northing	Location	Sample_id
2Br-21	542974	6067378	Br2	L-BR2 21
2Br-22	542960	6067412	Br2	L-BR2 22
2Br-24	542947	6067508	Br2	L-BR2 24
2Br-25	542952	6067563	Br2	L-BR2 25
2Br-26	542987	6067611	Br2	L-BR2 26
2Br-27	543001	6067650	Br2	L-BR2 27
2Br-28	543003	6067697	Br2	L-BR2 28
2Br-29	543010	6067750	Br2	L-BR2 29
2Br-30	543008	6067799	Br2	L-BR2 30
2Br-31	543010	6067856	Br2	L-BR2 31
2Br-32	543056	6067890	Br2	L-BR2 32
2Br-33	543065	6067930	Br2	L-BR2 33
2Br-34	543065	6067996	Br2	L-BR2 34
2Br-35	543010	6068008	Br2	L-BR2 35
2Br-36	542960	6068023	Br2	L-BR2 36
2Br-37	542902	6068003	Br2	L-BR2 37
2Br-38	542867	6067971	Br2	L-BR2 38
2Br-39	542861	6067996	Br2	L-BR2 39
2Br-40	542860	6068043	Br2	L-BR2 40
2Br-41	542861	6068085	Br2	L-BR2 41
2Br-42	542790	6068121	Br2	L-BR2 42
2Br-43	542763	6068074	Br2	L-BR2 43
2Br-44	542769	6068021	Br2	L-BR2 44
2Br-45	542751	6067999	Br2	L-BR2 45
2Br-46	542714	6068016	Br2	L-BR2 46
2Br-47	542687	6068058	Br2	L-BR2 47
2Br-48	542657	6068084	Br2	L-BR2 48
2Br-49	542607	6068100	Br2	L-BR2 49
2Br-50	542561	6068091	Br2	L-BR2 50
2Br-51	542504	6068094	Br2	L-BR2 51
2Br-52	542460	6068098	Br2	L-BR2 52
2Br-53	542422	6068121	Br2	L-BR2 53
2Br-54	542368	6068128	Br2	L-BR2 54
2Br-55	542325	6068145	Br2	L-BR2 55
3Br-01	542879	6067418	BR3	L-BR3 1
3Br-02	542854	6067392	BR3	L-BR3 2
3Br-03	542839	6067346	BR3	L-BR3 3
3Br-04	542824	6067302	BR3	L-BR3 4
3Br-05	542782	6067266	BR3	L-BR3 5
3Br-06	542749	6067249	BR3	L-BR3 6
3Br-07	542715	6067209	BR3	L-BR3 7
3Br-08	542686	6067164	BR3	L-BR3 8
3Br-09	542645	6067118	BR3	L-BR3 9
3Br-10	542626	6067075	BR3	L-BR3 10
3Br-11	542613	6067026	BR3	L-BR3 11
3Br-12	542611	6066980	BR3	L-BR3 12
3Br-13	542564	6066952	BR3	L-BR3 13
3Br-14	542516	6066955	BR3	L-BR3 14
3Br-15	542477	6066921	BR3	L-BR3 15
3Br-16	542433	6066897	BR3	L-BR3 16
3Br-17	542414	6066873	BR3	L-BR3 17
Tp01	544894	6070696	EAST WOMO two pits	L-TWO PITS 1
Tp02	544893	6070675	EAST WOMO two pits	L-TWO PITS 2
Tp03	544893	6070647	EAST WOMO two pits	L-TWO PITS 3
Tp04	544906	6070625	EAST WOMO two pits	L-TWO PITS 4
Tp05	544917	6070606	EAST WOMO two pits	L-TWO PITS 5
Tp06	544931	6070578	EAST WOMO two pits	L-TWO PITS 6
Tp07	544929	6070562	EAST WOMO two pits	L-TWO PITS 7
Tp08	544920	6070549	EAST WOMO two pits	L-TWO PITS 8
Tp09	544910	6070524	EAST WOMO two pits	L-TWO PITS 9
Tp10	544893	6070494	EAST WOMO two pits	L-TWO PITS10
Tp11	544883	6070472	EAST WOMO two pits	L-TWO PITS11
Tp12	544871	6070449	EAST WOMO two pits	L-TWO PITS12
Tp13	544865	6070425	EAST WOMO two pits	L-TWO PITS13
Tp14	544869	6070394	EAST WOMO two pits	L-TWO PITS14
Tp15	544836	6070377	EAST WOMO two pits	L-TWO PITS15
Tp16	544858	6070340	EAST WOMO two pits	L-TWO PITS16
Tp17	544855	6070315	EAST WOMO two pits	L-TWO PITS17
Tp18	544853	6070295	EAST WOMO two pits	L-TWO PITS18
Tp19	544844	6070263	EAST WOMO two pits	L-TWO PITS19
Tp20	544850	6070243	EAST WOMO two pits	L-TWO PITS20
Tp21	544845	6070216	EAST WOMO two pits	L-TWO PITS 21
Tp22	544840	6070196	EAST WOMO two pits	L-TWO PITS 22

Name	Easting	Northing	Location	Sample_id
Tp23	544847	6070168	EAST WOMO two pits	L-TWO PITS 23
Tp24	544846	6070146	EAST WOMO two pits	L-TWO PITS 24
Tp25	544841	6070121	EAST WOMO two pits	L-TWO PITS 25
Tp26	544844	6070077	EAST WOMO two pits	L-TWO PITS 26
Tp27	544867	6070059	EAST WOMO two pits	L-TWO PITS 27
Tp28	544902	6070081	EAST WOMO two pits	L-TWO PITS 28
Tp29	544918	6070095	EAST WOMO two pits	L-TWO PITS 29
Tp30	544929	6070112	EAST WOMO two pits	L-TWO PITS 30
Tp31	544949	6070128	EAST WOMO two pits	L-TWO PITS 31
Tp32	544968	6070142	EAST WOMO two pits	L-TWO PITS 32
Tp33	544976	6070171	EAST WOMO two pits	L-TWO PITS 33
Tp34	544995	6070193	EAST WOMO two pits	L-TWO PITS 34
Tp35	545015	6070208	EAST WOMO two pits	L-TWO PITS 35
Tp36	545020	6070228	EAST WOMO two pits	L-TWO PITS 36
Tp37	545043	6070250	EAST WOMO two pits	L-TWO PITS 37
Tp38	545057	6070269	EAST WOMO two pits	L-TWO PITS 38
Tp39	545080	6070280	EAST WOMO two pits	L-TWO PITS 39
Tp40	545095	6070302	EAST WOMO two pits	L-TWO PITS 40
L01	551025	6045246	KEAP L	L-L 1
L02	551069	6045218	KEAP L	L-L 2
L03	551113	6045202	KEAP L	L-L 3
L04	551160	6045183	KEAP L	L-L 4
L05	551202	6045166	KEAP L	L-L 5
L06	551233	6045127	KEAP L	L-L 6
L07	551249	6045079	KEAP L	L-L 7
L08	551289	6045049	KEAP L	L-L 8
L09	551334	6045007	KEAP L	L-L 9
L10	551381	6044998	KEAP L	L-L10
L11	551436	6044993	KEAP L	L-L11
L12	551482	6044964	KEAP L	L-L12
L13	551539	6044967	KEAP L	L-L13
L14	551579	6044938	KEAP L	L-L14
L15	551616	6044923	KEAP L	L-L15
L16	551665	6044904	KEAP L	L-L16
L17	551704	6044879	KEAP L	L-L17
L18	551760	6044925	KEAP L	L-L18
L19	551760	6044970	KEAP L	L-L19
L20	551798	6044991	KEAP L	L-L20
L21	551843	6044988	KEAP L	L-L21
L22	551892	6044984	KEAP L	L-L22
L23	551952	6045003	KEAP L	L-L23
L24	551989	6045026	KEAP L	L-L24
L25	552035	6045055	KEAP L	L-L25
L26	552082	6045071	KEAP L	L-L26
L27	552116	6045058	KEAP L	L-L27
L28	552166	6045021	KEAP L	L-L28
L29	552193	6044994	KEAP L	L-L29
L30	552225	6044960	KEAP L	L-L30
L31	552243	6044915	KEAP L	L-L31
L32	552257	6044873	KEAP L	L-L32
L33	552284	6044824	KEAP L	L-L 33
L34	552318	6044785	KEAP L	L-L 34
L35	552364	6044752	KEAP L	L-L 35
L36	552392	6044722	KEAP L	L-L 36
L37	552434	6044696	KEAP L	L-L 37
L38	552436	6044647	KEAP L	L-L 38
L39	552474	6044598	KEAP L	L-L 39
L40	552497	6044556	KEAP L	L-L 40
L41	552539	6044526	KEAP L	L-L 41
L42	552597	6044520	KEAP L	L-L 42
L43	552652	6044523	KEAP L	L-L 43
L44	552681	6044567	KEAP L	L-L 44
L45	552730	6044594	KEAP L	L-L 45
L46	552767	6044621	KEAP L	L-L 46
L47	552803	6044660	KEAP L	L-L 47
R01	550945	6044523	KEAP R	L- 1
R02	550955	6044465	KEAP R	L- 2
R03	550985	6044422	KEAP R	L- 3
R04	551022	6044376	KEAP R	L- 4
R05	551057	6044343	KEAP R	L- 5
R06	551089	6044307	KEAP R	L- 6
R07	551124	6044274	KEAP R	L- 7
R08	551177	6044242	KEAP R	L- 8

Name	Easting	Northing	Location	Sample_id
R09	551188	6044195	KEAP R	L- 9
R11	551216	6044098	KEAP R	L-11
R12	551233	6044050	KEAP R	L-12
R13	551242	6044001	KEAP R	L-13
R14	551269	6043953	KEAP R	L-14
R15	551301	6043913	KEAP R	L-15
R16	551315	6043872	KEAP R	L-16
R17	551327	6043820	KEAP R	L-17
R18	551331	6043784	KEAP R	L-18
R19	551337	6043733	KEAP R	L-19
R20	551357	6043693	KEAP R	L-20
R21	551386	6043647	KEAP R	L-21
R22	551422	6043606	KEAP R	L-22
R23	551447	6043570	KEAP R	L-23
R24	551478	6043531	KEAP R	L-24
R26	551552	6043462	KEAP R	L-26
R27	551589	6043418	KEAP R	L-27
R28	551631	6043408	KEAP R	L-28
R29	551669	6043378	KEAP R	L-29
R30	551721	6043353	KEAP R	L-30
R31	551775	6043327	KEAP R	L-31
R32	551803	6043284	KEAP R	L-32
R33	551848	6043261	KEAP R	L-33
R34	551895	6043247	KEAP R	L-34
R35	551929	6043195	KEAP R	L-35
R36	551959	6043154	KEAP R	L-36
R37	551981	6043113	KEAP R	L-37
G01	551514	6045293	KEAP GOSSAN	L-GOSSEN 1
G02	551547	6045292	KEAP GOSSAN	L-GOSSEN 2
G03	551547	6045292		L-GOSSEN 3
G04	551600	6045278	KEAP GOSSAN	L-GOSSEN 4
G05	551624	6045275	KEAP GOSSAN	L-GOSSEN 5
G06	551657	6045267	KEAP GOSSAN	L-GOSSEN 6
G07	551678	6045264	KEAP GOSSAN	L-GOSSEN 7
G08	551703	6045253	KEAP GOSSAN	L-GOSSEN 8
G09	551718	6045237	KEAP GOSSAN	L-GOSSEN 9
G10	551744	6045222	KEAP GOSSAN	L-GOSSEN 10
G11	551781	6045190	KEAP GOSSAN	L-GOSSEN 11
G12	551804	6045227	KEAP GOSSAN	L-GOSSEN 12
G13	551818	6045255	KEAP GOSSAN	L-GOSSEN 13
G14	551834	6045276	KEAP GOSSAN	L-GOSSEN 14
G15	551855	6045302	KEAP GOSSAN	L-GOSSEN 15
G16	551871	6045318	KEAP GOSSAN	L-GOSSEN 16
G17	551885	6045340	KEAP GOSSAN	L-GOSSEN 17
G18	551911	6045354	KEAP GOSSAN	L-GOSSEN 18
G19	551913	6045389	KEAP GOSSAN	L-GOSSEN 19
G20	551707	6045225	KEAP GOSSAN	L-GOSSEN 20
G21	551688	6045196	KEAP GOSSAN	L-GOSSEN 21
G22	551654	6045196	KEAP GOSSAN	L-GOSSEN 22
G23	551637	6045205	KEAP GOSSAN	L-GOSSEN 23
G24	551609	6045206	KEAP GOSSAN	L-GOSSEN 24
G25	551578	6045206	KEAP GOSSAN	L-GOSSEN 25
G26	551551	6045208	KEAP GOSSAN	L-GOSSEN 26
G27	551524	6045243	KEAP GOSSAN	L-GOSSEN 27
L542300E 6072500N	542300	6072500	WOMO	L-72500N-2300E
L542325E 6072500N	542325	6072500	WOMO	L-72500N-2325E
L542350E 6072500N	542350	6072500	WOMO	L-72500N-2350E
L542375E 6072500N	542375	6072500	WOMO	L-72500N-2375E
L542400E 6072500N	542400	6072500	WOMO	L-72500N-2400E
L542425E 6072500N	542425	6072500	WOMO	L-72500N-2425E
L542450E 6072500N	542450	6072500	WOMO	L-72500N-2450E
L542475E 6072500N	542475	6072500	WOMO	L-72500N-2475E
L542500E 6072500N	542500	6072500	WOMO	L-72500N-2500E
L542525E 6072500N	542525	6072500	WOMO	L-72500N-2525E
L542550E 6072500N	542550	6072500	WOMO	L-72500N-2550E
L542575E 6072500N	542575	6072500	WOMO	L-72500N-2575E
L542600E 6072500N	542600	6072500	WOMO	L-72500N-2600E
L542625E 6072500N	542625	6072500	WOMO	L-72500N-2625E
L542675E 6072500N	542675	6072500	WOMO	L-72500N-2675E
L542700E 6072500N	542700	6072500	WOMO	L-72500N-2700E
L542725E 6072500N	542725	6072500	WOMO	L-72500N-2725E
L542750E 6072500N	542750	6072500	WOMO	L-72500N-2750E
L542775E 6072500N	542775	6072500	WOMO	L-72500N-2775E

Name	Easting	Northing	Location	Sample_id
LS42800E 6072500N	542800	6072500	WOMO	L-72500N-2800E
LS42825E 6072500N	542825	6072500	WOMO	L-72500N-2825E
LS42850E 6072500N	542850	6072500	WOMO	L-72500N-2850E
LS42875E 6072500N	542875	6072500	WOMO	L-72500N-2875E
LS42900E 6072500N	542900	6072500	WOMO	L-72500N-2900E
LS42925E 6072500N	542925	6072500	WOMO	L-72500N-2925E
LS42950E 6072500N	542950	6072500	WOMO	L-72500N-2950E
LS42975E 6072500N	542975	6072500	WOMO	L-72500N-2975E
LS43000E 6072500N	543000	6072500	WOMO	L-72500N-3000E
LS43025E 6072500N	543025	6072500	WOMO	L-72500N-3025E
LS43050E 6072500N	543050	6072500	WOMO	L-72500N-3050E
LS42700E 6072000N	542700	6072000	WOMO	L-72000N-2700E
LS42725E 6072000N	542725	6072000	WOMO	L-72000N-2725E
LS42750E 6072000N	542750	6072000	WOMO	L-72000N-2750E
LS42775E 6072000N	542775	6072000	WOMO	L-72000N-2775E
LS42800E 6072000N	542800	6072000	WOMO	L-72000N-2800E
LS42850E 6072000N	542850	6072000	WOMO	L-72000N-2850E
LS42875E 6072000N	542875	6072000	WOMO	L-72000N-2875E
LS42900E 6072000N	542900	6072000	WOMO	L-72000N-2900E
LS42925E 6072000N	542925	6072000	WOMO	L-72000N-2925E
LS42950E 6072000N	542950	6072000	WOMO	L-72000N-2950E
LS42975E 6072000N	542975	6072000	WOMO	L-72000N-2975E
LS43000E 6072000N	543000	6072000	WOMO	L-72000N-3000E
LS43025E 6072000N	543025	6072000	WOMO	L-72000N-3025E
LS43050E 6072000N	543050	6072000	WOMO	L-72000N-3050E
LS43075E 6072000N	543075	6072000	WOMO	L-72000N-3075E
LS43100E 6072000N	543100	6072000	WOMO	L-72000N-3100E
LS43125E 6072000N	543125	6072000	WOMO	L-72000N-3125E
LS43150E 6072000N	543150	6072000	WOMO	L-72000N-3150E
L-69100N-41125E	541125	6069100	WOMO	L-69100N-41125E
L-69100N-41150E	541150	6069100	WOMO	L-69100N-41150E
L-69100N-41175E	541175	6069100	WOMO	L-69100N-41175E
L-69100N-41200E	541200	6069100	WOMO	L-69100N-41200E
L-69100N-41225E	541225	6069100	WOMO	L-69100N-41225E
L-69100N-41250E	541250	6069100	WOMO	L-69100N-41250E
L-69100N-41275E	541275	6069100	WOMO	L-69100N-41275E
L-69100N-41300E	541300	6069100	WOMO	L-69100N-41300E
L-69100N-41325E	541325	6069100	WOMO	L-69100N-41325E
L-69100N-41350E	541350	6069100	WOMO	L-69100N-41350E
L-69100N-41375E	541375	6069100	WOMO	L-69100N-41375E
L-69100N-41400E	541400	6069100	WOMO	L-69100N-41400E
L-69100N-41425E	541425	6069100	WOMO	L-69100N-41425E
L-69100N-41450E	541450	6069100	WOMO	L-69100N-41450E
L-69100N-41475E	541475	6069100	WOMO	L-69100N-41475E
L-69100N-41500E	541500	6069100	WOMO	L-69100N-41500E
L-69100N-41525E	541525	6069100	WOMO	L-69100N-41525E
L-69100N-41550E	541550	6069100	WOMO	L-69100N-41550E
L-69100N-41575E	541575	6069100	WOMO	L-69100N-41575E
L-69100N-41600E	541600	6069100	WOMO	L-69100N-41600E
L-69100N-41625E	541625	6069100	WOMO	L-69100N-41625E
L-69100N-41650E	541650	6069100	WOMO	L-69100N-41650E
L-69100N-41675E	541675	6069100	WOMO	L-69100N-41675E
L-69100N-41700E	541700	6069100	WOMO	L-69100N-41700E
L-69100N-41725E	541725	6069100	WOMO	L-69100N-41725E
L-69100N-41750E	541750	6069100	WOMO	L-69100N-41750E
L-69100N-41775E	541775	6069100	WOMO	L-69100N-41775E
L-69100N-41800E	541800	6069100	WOMO	L-69100N-41800E
L-69100N-41825E	541825	6069100	WOMO	L-69100N-41825E
L-69100N-41850E	541850	6069100	WOMO	L-69100N-41850E
L-69100N-41875E	541875	6069100	WOMO	L-69100N-41875E
L-69100N-41900E	541900	6069100	WOMO	L-69100N-41900E
L-69100N-41925E	541925	6069100	WOMO	L-69100N-41925E
L-69100N-41950E	541950	6069100	WOMO	L-69100N-41950E
L-69100N-41975E	541975	6069100	WOMO	L-69100N-41975E
L-69100N-42000E	542000	6069100	WOMO	L-69100N-42000E
L-69100N-42025E	542025	6069100	WOMO	L-69100N-42025E
L-69100N-42050E	542050	6069100	WOMO	L-69100N-42050E
L-69100N-42075E	542075	6069100	WOMO	L-69100N-42075E
L-69100N-42100E	542100	6069100	WOMO	L-69100N-42100E
L-69100N-42125E	542125	6069100	WOMO	L-69100N-42125E
L-69100N-42150E	542150	6069100	WOMO	L-69100N-42150E
L-69100N-42175E	542175	6069100	WOMO	L-69100N-42175E
L-69100N-42200E	542200	6069100	WOMO	L-69100N-42200E

Name	Easting	Northing	Location	Sample_id
L-69100N-42225E	542225	6069100	WOMO	L-69100N-42225E
L-69100N-42250E	542250	6069100	WOMO	L-69100N-42250E
L-69100N-42275E	542275	6069100	WOMO	L-69100N-42275E
L-69100N-42300E	542300	6069100	WOMO	L-69100N-42300E
L-69100N-42325E	542325	6069100	WOMO	L-69100N-42325E
L-69100N-42350E	542350	6069100	WOMO	L-69100N-42350E
L-69100N-42375E	542375	6069100	WOMO	L-69100N-42375E
L-69100N-42400E	542400	6069100	WOMO	L-69100N-42400E
M01	563568	6033669	CLORES Main	L-MAIN- 1
M02	563566	6033643	CLORES Main	L-MAIN- 2
M03	563557	6033622	CLORES Main	L-MAIN- 3
M04	563547	6033600	CLORES Main	L-MAIN- 4
M05	563539	6033573	CLORES Main	L-MAIN- 5
M06	563549	6033548	CLORES Main	L-MAIN- 6
M07	563556	6033521	CLORES Main	L-MAIN- 7
M08	563563	6033500	CLORES Main	L-MAIN- 8
M09	563584	6033472	CLORES Main	L-MAIN- 9
M10	563589	6033444	CLORES Main	L-MAIN-10
M11	563619	6033421	CLORES Main	L-MAIN-11
M12	563632	6033394	CLORES Main	L-MAIN-12
M13	563635	6033373	CLORES Main	L-MAIN-13
M14	563658	6033359	CLORES Main	L-MAIN-14
M15	563679	6033324	CLORES Main	L-MAIN-15
M16	563680	6033305	CLORES Main	L-MAIN-16
M17	563674	6033273	CLORES Main	L-MAIN-17
M18	563686	6033235	CLORES Main	L-MAIN-18
M19	563666	6033225	CLORES Main	L-MAIN-19
M20	563670	6033197	CLORES Main	L-MAIN-20
M21	563676	6033172	CLORES Main	L-MAIN-21
M22	563680	6033147	CLORES Main	L-MAIN-22
M23	563678	6033122	CLORES Main	L-MAIN-23
M24	563693	6033085	CLORES Main	L-MAIN-24
M25	563703	6033074	CLORES Main	L-MAIN-25
M26	563699	6033041	CLORES Main	L-MAIN-26
M27	563699	6033020	CLORES Main	L-MAIN-27
M28	563704	6032997	CLORES Main	L-MAIN-28
M29	563703	6032967	CLORES Main	L-MAIN-29
M30	563707	6032935	CLORES Main	L-MAIN-30
L-63700E-34025N	563700	6034025	CLORES East	L-63700E-34025N
L-63700E-34050N	563700	6034050	CLORES East	L-63700E-34050N
L-63700E-34075N	563700	6034075	CLORES East	L-63700E-34075N
L-63700E-34100N	563700	6034100	CLORES East	L-63700E-34100N
L-63700E-34125N	563700	6034125	CLORES East	L-63700E-34125N
L-63700E-34150N	563700	6034150	CLORES East	L-63700E-34150N
L-63700E-34175N	563700	6034175	CLORES East	L-63700E-34175N
L-63700E-34200N	563700	6034200	CLORES East	L-63700E-34200N
L-63700E-34250N	563700	6034250	CLORES East	L-63700E-34250N
L-63700E-34275N	563700	6034275	CLORES East	L-63700E-34275N
L-63700E-34300N	563700	6034300	CLORES East	L-63700E-34300N
L-63700E-34325N	563700	6034325	CLORES East	L-63700E-34325N
L-63600E-33800N	563600	6033800	CLORES East	L-63600E-33800N
L-63600E-33825N	563600	6033825	CLORES East	L-63600E-33825N
L-63600E-33850N	563600	6033850	CLORES East	L-63600E-33850N
L-63600E-33875N	563600	6033875	CLORES East	L-63600E-33875N
L-63600E-33900N	563600	6033900	CLORES East	L-63600E-33900N
L-63600E-33925N	563600	6033925	CLORES East	L-63600E-33925N
L-63600E-33950N	563600	6033950	CLORES East	L-63600E-33950N
L-63600E-33975N	563600	6033975	CLORES East	L-63600E-33975N
L-63600E-34000N	563600	6034000	CLORES East	L-63600E-34000N
L-63600E-34025N	563600	6034025	CLORES East	L-63600E-34025N
L-63600E-34050N	563600	6034050	CLORES East	L-63600E-34050N
L-63600E-34075N	563600	6034075	CLORES East	L-63600E-34075N
L-63600E-34100N	563600	6034100	CLORES East	L-63600E-34100N
L-63600E-34125N	563600	6034125	CLORES East	L-63600E-34125N
L-63600E-34150N	563600	6034150	CLORES East	L-63600E-34150N
L-63600E-34175N	563600	6034175	CLORES East	L-63600E-34175N
L-63600E-34200N	563600	6034200	CLORES East	L-63600E-34200N
L-63600E-34225N	563600	6034225	CLORES East	L-63600E-34225N
L-63600E-34250N	563600	6034250	CLORES East	L-63600E-34250N
L-33100N-61350E	561350	6033100	CLORES	L-33100N-61350E
L-33100N-61375E	561375	6033100	CLORES	L-33100N-61375E
L-33100N-61400E	561400	6033100	CLORES	L-33100N-61400E
L-33100N-61425E	561425	6033100	CLORES	L-33100N-61425E

Name	Easting	Northing	Location	Sample_id
L-33100N-61450E	561450	6033100	CLORES	L-33100N-61450E
L-33100N-61475E	561475	6033100	CLORES	L-33100N-61475E
L-33100N-61500E	561500	6033100	CLORES	L-33100N-61500E
L-33100N-61525E	561525	6033100	CLORES	L-33100N-61525E
L-33100N-61550E	561550	6033100	CLORES	L-33100N-61550E
L-33100N-61575E	561575	6033100	CLORES	L-33100N-61575E
L-33100N-61600E	561600	6033100	CLORES	L-33100N-61600E
L-33100N-61625E	561625	6033100	CLORES	L-33100N-61625E
L-33100N-61650E	561650	6033100	CLORES	L-33100N-61650E
L-33100N-61675E	561675	6033100	CLORES	L-33100N-61675E
L-33100N-61700E	561700	6033100	CLORES	L-33100N-61700E
L-33100N-61725E	561725	6033100	CLORES	L-33100N-61725E
L-33100N-61750E	561750	6033100	CLORES	L-33100N-61750E
L-33100N-61775E	561775	6033100	CLORES	L-33100N-61775E
L-33100N-61800E	561800	6033100	CLORES	L-33100N-61800E
L-33100N-61825E	561825	6033100	CLORES	L-33100N-61825E
L-33100N-61850E	561850	6033100	CLORES	L-33100N-61850E
L-33100N-61875E	561875	6033100	CLORES	L-33100N-61875E
L-33100N-61900E	561900	6033100	CLORES	L-33100N-61900E
L-33100N-61925E	561925	6033100	CLORES	L-33100N-61925E
L-33100N-61950E	561950	6033100	CLORES	L-33100N-61950E
L-33100N-61975E	561975	6033100	CLORES	L-33100N-61975E
L-33100N-62000E	562000	6033100	CLORES	L-33100N-62000E
L-33100N-62025E	562025	6033100	CLORES	L-33100N-62025E
L-33100N-62050E	562050	6033100	CLORES	L-33100N-62050E
L-33100N-62075E	562075	6033100	CLORES	L-33100N-62075E
L-32900N-61150E	561150	6032900	CLORES	L-32900N-61150E
L-32900N-61175E	561175	6032900	CLORES	L-32900N-61175E
L-32900N-61200E	561200	6032900	CLORES	L-32900N-61200E
L-32900N-61225E	561225	6032900	CLORES	L-32900N-61225E
L-32900N-61250E	561250	6032900	CLORES	L-32900N-61250E
L-32900N-61300E	561300	6032900	CLORES	L-32900N-61300E
L-32900N-61325E	561325	6032900	CLORES	L-32900N-61325E
L-32900N-61350E	561350	6032900	CLORES	L-32900N-61350E
L-32900N-61375E	561375	6032900	CLORES	L-32900N-61375E
L-32900N-61400E	561400	6032900	CLORES	L-32900N-61400E
L-32900N-61425E	561425	6032900	CLORES	L-32900N-61425E
L-32900N-61450E	561450	6032900	CLORES	L-32900N-61450E
L-32900N-61475E	561475	6032900	CLORES	L-32900N-61475E
L-32900N-61500E	561500	6032900	CLORES	L-32900N-61500E
L-32900N-61525E	561525	6032900	CLORES	L-32900N-61525E
L-32900N-61550E	561550	6032900	CLORES	L-32900N-61550E
L-32900N-61575E	561575	6032900	CLORES	L-32900N-61575E
L-32900N-61600E	561600	6032900	CLORES	L-32900N-61600E
L-32900N-61625E	561625	6032900	CLORES	L-32900N-61625E
L-32900N-61650E	561650	6032900	CLORES	L-32900N-61650E
L-32900N-61675E	561675	6032900	CLORES	L-32900N-61675E
L-32900N-61700E	561700	6032900	CLORES	L-32900N-61700E
L-32900N-61725E	561725	6032900	CLORES	L-32900N-61725E
L-32900N-61750E	561750	6032900	CLORES	L-32900N-61750E
L-32900N-61775E	561775	6032900	CLORES	L-32900N-61775E
L-32900N-61800E	561800	6032900	CLORES	L-32900N-61800E
L-32900N-61825E	561825	6032900	CLORES	L-32900N-61825E
L-32900N-61850E	561850	6032900	CLORES	L-32900N-61850E
L-33000N-61150E	561150	6033000	CLORES	L-33000N-61150E
L-33000N-61175E	561175	6033000	CLORES	L-33000N-61175E
L-33000N-61200E	561200	6033000	CLORES	L-33000N-61200E
L-33000N-61225E	561225	6033000	CLORES	L-33000N-61225E
L-33000N-61250E	561250	6033000	CLORES	L-33000N-61250E
L-33000N-61275E	561275	6033000	CLORES	L-33000N-61275E
L-33000N-61300E	561300	6033000	CLORES	L-33000N-61300E
L-33000N-61325E	561325	6033000	CLORES	L-33000N-61325E
L-33000N-61350E	561350	6033000	CLORES	L-33000N-61350E
L-33000N-61375E	561375	6033000	CLORES	L-33000N-61375E
L-33000N-61400E	561400	6033000	CLORES	L-33000N-61400E
L-33000N-61425E	561425	6033000	CLORES	L-33000N-61425E
L-33000N-61450E	561450	6033000	CLORES	L-33000N-61450E
L-33000N-61475E	561475	6033000	CLORES	L-33000N-61475E
L-33000N-61500E	561500	6033000	CLORES	L-33000N-61500E
L-33000N-61525E	561525	6033000	CLORES	L-33000N-61525E
L-33000N-61550E	561550	6033000	CLORES	L-33000N-61550E
L-33000N-61575E	561575	6033000	CLORES	L-33000N-61575E
L-33000N-61600E	561600	6033000	CLORES	L-33000N-61600E

Name	Easting	Northing	Location	Sample_id
L-33000N-61625E	561625	6033000	CLORES	L-33000N-61625E
L-33000N-61650E	561650	6033000	CLORES	L-33000N-61650E
L-33000N-61675E	561675	6033000	CLORES	L-33000N-61675E
L-33000N-61725E	561725	6033000	CLORES	L-33000N-61725E
L-33000N-61750E	561750	6033000	CLORES	L-33000N-61750E
L-33000N-61775E	561775	6033000	CLORES	L-33000N-61775E
L-33000N-61800E	561800	6033000	CLORES	L-33000N-61800E
L-33000N-61825E	561825	6033000	CLORES	L-33000N-61825E
L-33000N-61850E	561850	6033000	CLORES	L-33000N-61850E
L-33000N-61875E	561875	6033000	CLORES	L-33000N-61875E
L-33000N-61900E	561900	6033000	CLORES	L-33000N-61900E
L-33000N-61950E	561950	6033000	CLORES	L-33000N-61950E
L-33000N-61975E	561975	6033000	CLORES	L-33000N-61975E
L-33000N-62000E	562000	6033000	CLORES	L-33000N-62000E
L-32800N-61150E	561150	6032800	CLORES	L-32800N-61150E
L-32800N-61175E	561175	6032800	CLORES	L-32800N-61175E
L-32800N-61200E	561200	6032800	CLORES	L-32800N-61200E
L-32800N-61225E	561225	6032800	CLORES	L-32800N-61225E
L-32800N-61250E	561250	6032800	CLORES	L-32800N-61250E
L-32800N-61275E	561275	6032800	CLORES	L-32800N-61275E
L-32800N-61300E	561300	6032800	CLORES	L-32800N-61300E
L-32800N-61325E	561325	6032800	CLORES	L-32800N-61325E
L-32800N-61350E	561350	6032800	CLORES	L-32800N-61350E
L-32800N-61375E	561375	6032800	CLORES	L-32800N-61375E
L-32800N-61400E	561400	6032800	CLORES	L-32800N-61400E
L-32800N-61425E	561425	6032800	CLORES	L-32800N-61425E
L-32800N-61450E	561450	6032800	CLORES	L-32800N-61450E
L-32800N-61475E	561475	6032800	CLORES	L-32800N-61475E
L-32800N-61500E	561500	6032800	CLORES	L-32800N-61500E
L-32800N-61525E	561525	6032800	CLORES	L-32800N-61525E
L-32800N-61550E	561550	6032800	CLORES	L-32800N-61550E
L-32800N-61575E	561575	6032800	CLORES	L-32800N-61575E
L-32800N-61600E	561600	6032800	CLORES	L-32800N-61600E
L-32800N-61625E	561625	6032800	CLORES	L-32800N-61625E
L-32800N-61650E	561650	6032800	CLORES	L-32800N-61650E
L-32800N-61675E	561675	6032800	CLORES	L-32800N-61675E
L-32800N-61700E	561700	6032800	CLORES	L-32800N-61700E
L-32800N-61725E	561725	6032800	CLORES	L-32800N-61725E
L-32800N-61750E	561750	6032800	CLORES	L-32800N-61750E
L-32800N-61775E	561775	6032800	CLORES	L-32800N-61775E
L-32800N-61800E	561800	6032800	CLORES	L-32800N-61800E
L-32900N-62375E	562375	6032900	CLORES	L-32900N-62375E
L-32900N-62350E	562350	6032900	CLORES	L-32900N-62350E
L-32900N-62325E	562325	6032900	CLORES	L-32900N-62325E
L-32900N-62300E	562300	6032900	CLORES	L-32900N-62300E
L-32900N-62275E	562275	6032900	CLORES	L-32900N-62275E
L-32900N-62250E	562250	6032900	CLORES	L-32900N-62250E
L-32900N-62225E	562225	6032900	CLORES	L-32900N-62225E
L-32900N-62200E	562200	6032900	CLORES	L-32900N-62200E
L-32900N-62175E	562175	6032900	CLORES	L-32900N-62175E
L-32900N-62150E	562150	6032900	CLORES	L-32900N-62150E
L-32900N-62125E	562125	6032900	CLORES	L-32900N-62125E
L-32900N-62100E	562100	6032900	CLORES	L-32900N-62100E
L-32900N-62075E	562075	6032900	CLORES	L-32900N-62075E
L-32900N-62050E	562050	6032900	CLORES	L-32900N-62050E
L-32900N-62025E	562025	6032900	CLORES	L-32900N-62025E
L-32900N-62000E	562000	6032900	CLORES	L-32900N-62000E
L-32900N-61975E	561975	6032900	CLORES	L-32900N-61975E
L-32900N-61950E	561950	6032900	CLORES	L-32900N-61950E
L-32900N-61925E	561925	6032900	CLORES	L-32900N-61925E
L-32900N-61900E	561900	6032900	CLORES	L-32900N-61900E
L-32900N-61875E	561875	6032900	CLORES	L-32900N-61875E
L-32800N-61825E	561825	6032800	CLORES	L-32800N-61825E
L-32800N-61850E	561850	6032800	CLORES	L-32800N-61850E
L-32800N-61875E	561875	6032800	CLORES	L-32800N-61875E
L-32800N-61900E	561900	6032800	CLORES	L-32800N-61900E
L-32800N-61925E	561925	6032800	CLORES	L-32800N-61925E
L-32800N-61950E	561950	6032800	CLORES	L-32800N-61950E
L-32800N-61975E	561975	6032800	CLORES	L-32800N-61975E
L-32800N-62000E	562000	6032800	CLORES	L-32800N-62000E
L-32800N-62025E	562025	6032800	CLORES	L-32800N-62025E
L-32800N-62050E	562050	6032800	CLORES	L-32800N-62050E
L-32800N-62100E	562075	6032800	CLORES	L-32800N-62100E

Name	Easting	Northing	Location	Sample_id
L-32800N-62125E	562100	6032800	CLORES	L-32800N-62125E
L-32800N-62150E	562125	6032800	CLORES	L-32800N-62150E
L-32800N-62175E	562150	6032800	CLORES	L-32800N-62175E
L-32800N-62200E	562175	6032800	CLORES	L-32800N-62200E
L-32800N-62225E	562200	6032800	CLORES	L-32800N-62225E
L-32800N-62250E	562250	6032800	CLORES	L-32800N-62250E
L-32800N-62275E	562275	6032800	CLORES	L-32800N-62275E
L-32800N-62300E	562300	6032800	CLORES	L-32800N-62300E
L-32800N-62325E	562325	6032800	CLORES	L-32800N-62325E
L-65600N-41800E	541800	6065600		L-65600N-41800E
L-65600N-41825E	541825	6065600		L-65600N-41825E
L-65600N-41850E	541850	6065600		L-65600N-41850E
L-65600N-41875E	541875	6065600		L-65600N-41875E
L-65600N-41900E	541900	6065600		L-65600N-41900E
L-65600N-41925E	541925	6065600		L-65600N-41925E
L-65600N-41950E	541950	6065600		L-65600N-41950E
L-65600N-41975E	541975	6065600		L-65600N-41975E
L-65600N-42000E	542000	6065600		L-65600N-42000E
L-65600N-42025E	542025	6065600		L-65600N-42025E
L-65600N-42050E	542050	6065600		L-65600N-42050E
L-65600N-42075E	542075	6065600		L-65600N-42075E
L-65600N-42100E	542100	6065600		L-65600N-42100E
L-65600N-42125E	542125	6065600		L-65600N-42125E
L-65600N-42150E	542150	6065600		L-65600N-42150E
L-65600N-42175E	542175	6065600		L-65600N-42175E
L-65600N-42200E	542200	6065600		L-65600N-42200E
L-65600N-42225E	542225	6065600		L-65600N-42225E
L-65600N-42250E	542250	6065600		L-65600N-42250E
L-65600N-42275E	542275	6065600		L-65600N-42275E
L-65600N-42300E	542300	6065600		L-65600N-42300E
BL-43500E-65100N	543500	6065100		BL-43500E-65100N
BL-43500E-65075N	543500	6065075		BL-43500E-65075N
BL-43500E-65050N	543500	6065050		BL-43500E-65050N
BL-43500E-65025N	543500	6065025		BL-43500E-65025N
BL-43500E-65000N	543500	6065000		BL-43500E-65000N
BL-43500E-64975N	543500	6064975		BL-43500E-64975N
BL-43500E-64950N	543500	6064950		BL-43500E-64950N
BL-43500E-64925N	543500	6064925		BL-43500E-64925N
BL-43500E-64900N	543500	6064900		BL-43500E-64900N
BL-43500E-64875N	543500	6064875		BL-43500E-64875N
BL-43500E-64850N	543500	6064850		BL-43500E-64850N
BL-43500E-64825N	543500	6064825		BL-43500E-64825N
BL-43500E-64800N	543500	6064800		BL-43500E-64800N
BL-43500E-64775N	543500	6064775		BL-43500E-64775N
BL-43500E-64750N	543500	6064750		BL-43500E-64750N
BL-43500E-64725N	543500	6064725		BL-43500E-64725N
BL-43500E-64700N	543500	6064700		BL-43500E-64700N
BL-43500E-64675N	543500	6064675		BL-43500E-64675N
BL-43500E-64650N	543500	6064650		BL-43500E-64650N
BL-43500E-64625N	543500	6064625		BL-43500E-64625N
BL-43500E-64600N	543500	6064600		BL-43500E-64600N
BL-43500E-64575N	543500	6064575		BL-43500E-64575N
BL-43500E-64550N	543500	6064550		BL-43500E-64550N
BL-43500E-64500N	543500	6064500		BL-43500E-64500N
BL-43500E-64525N	543500	6064525		BL-43500E-64525N
L-65000N-43025E	543025	6065000		L-65000N-43025E
L-65000N-43050E	543050	6065000		L-65000N-43050E
L-65000N-43075E	543075	6065000		L-65000N-43075E
L-65000N-43100E	543100	6065000		L-65000N-43100E
L-65000N-43125E	543125	6065000		L-65000N-43125E
L-65000N-43150E	543150	6065000		L-65000N-43150E
L-65000N-43175E	543175	6065000		L-65000N-43175E
L-65000N-43200E	543200	6065000		L-65000N-43200E
L-65000N-43225E	543225	6065000		L-65000N-43225E
L-65000N-43250E	543250	6065000		L-65000N-43250E
L-65000N-43275E	543275	6065000		L-65000N-43275E
L-65000N-43300E	543300	6065000		L-65000N-43300E
L-65000N-43325E	543325	6065000		L-65000N-43325E
L-65000N-43400E	543400	6065000		L-65000N-43400E
L-65000N-43425E	543425	6065000		L-65000N-43425E
L-65000N-43450E	543450	6065000		L-65000N-43450E
L-65300N-41800E	541800	6065300		L-65300N-41800E
L-65300N-41825E	541825	6065300		L-65300N-41825E

Name	Eastng	Northing	Location	Sample_id
L-65300N-41850E	541850	6065300		L-65300N-41850E
L-65300N-41875E	541875	6065300		L-65300N-41875E
L-65300N-41900E	541900	6065300		L-65300N-41900E
L-65300N-41925E	541925	6065300		L-65300N-41925E
L-65300N-41950E	541950	6065300		L-65300N-41950E
L-65300N-41975E	541975	6065300		L-65300N-41975E
L-65300N-42000E	542000	6065300		L-65300N-42000E
L-65300N-42025E	542025	6065300		L-65300N-42025E
L-65300N-42050E	542050	6065300		L-65300N-42050E
L-65300N-42075E	542075	6065300		L-65300N-42075E
L-65300N-42100E	542100	6065300		L-65300N-42100E
L-65300N-42125E	542125	6065300		L-65300N-42125E
L-65300N-42175E	542175	6065300		L-65300N-42175E
L-65300N-42200E	542200	6065300		L-65300N-42200E
L-65300N-42225E	542225	6065300		L-65300N-42225E
L-65300N-42250E	542250	6065300		L-65300N-42250E
L-65300N-42300E	542300	6065300		L-65300N-42300E
L-65300N-42325E	542325	6065300		L-65300N-42325E
L-65300N-42350E	542350	6065300		L-65300N-42350E
L-65300N-42375E	542375	6065300		L-65300N-42375E
L-65300N-42400E	542400	6065300		L-65300N-42400E
L-65300N-42425E	542425	6065300		L-65300N-42425E
L-65300N-42450E	542450	6065300		L-65300N-42450E
L-65300N-42475E	542475	6065300		L-65300N-42475E
L-52800E-44400N	552800	6044400		L-52800E-44400N
L-52800E-44425N	552800	6044425		L-52800E-44425N
L-52800E-44450N	552800	6044450		L-52800E-44450N
L-52800E-44475N	552800	6044475		L-52800E-44475N
L-52800E-44500N	552800	6044500		L-52800E-44500N
L-52800E-44525N	552800	6044525		L-52800E-44525N
L-52800E-44550N	552800	6044550		L-52800E-44550N
L-52800E-44575N	552800	6044575		L-52800E-44575N
L-52800E-44600N	552800	6044600		L-52800E-44600N
L-52800E-44625N	552800	6044625		L-52800E-44625N
L-52800E-44650N	552800	6044650		L-52800E-44650N
L-52800E-44675N	552800	6044675		L-52800E-44675N
L-52800E-44700N	552800	6044700		L-52800E-44700N
L-52800E-44725N	552800	6044725		L-52800E-44725N
L-52800E-44750N	552800	6044750		L-52800E-44750N
L-52800E-44775N	552800	6044775		L-52800E-44775N
L-52800E-44800N	552800	6044800		L-52800E-44800N
L-52650E-44325N	552650	6044325		L-52650E-44325N
L-52650E-44350N	552650	6044350		L-52650E-44350N
L-52650E-44375N	552650	6044375		L-52650E-44375N
L-52650E-44400N	552650	6044400		L-52650E-44400N
L-52650E-44425N	552650	6044425		L-52650E-44425N
L-52650E-44450N	552650	6044450		L-52650E-44450N
L-52650E-44475N	552650	6044475		L-52650E-44475N
L-52650E-44500N	552650	6044500		L-52650E-44500N
L-52650E-44525N	552650	6044525		L-52650E-44525N
L-52650E-44550N	552650	6044550		L-52650E-44550N
L-52650E-44575N	552650	6044575		L-52650E-44575N
L-52650E-44600N	552650	6044600		L-52650E-44600N
L-52650E-44625N	552650	6044625		L-52650E-44625N
L-52650E-44650N	552650	6044650		L-52650E-44650N
L-52650E-44675N	552650	6044675		L-52650E-44675N
L-52650E-44700N	552650	6044700		L-52650E-44700N
L-64900N-41850E	541850	6064900		L-64900N-41850E
L-64900N-41875E	541875	6064900		L-64900N-41875E
L-64900N-41900E	541900	6064900		L-64900N-41900E
L-64900N-41925E	541925	6064900		L-64900N-41925E
L-64900N-41950E	541950	6064900		L-64900N-41950E
L-64900N-41975E	541975	6064900		L-64900N-41975E
L-64900N-42000E	542000	6064900		L-64900N-42000E
L-64900N-42025E	542025	6064900		L-64900N-42025E
L-64900N-42050E	542050	6064900		L-64900N-42050E
L-64900N-42075E	542075	6064900		L-64900N-42075E
L-64900N-42100E	542100	6064900		L-64900N-42100E
L-64900N-42125E	542125	6064900		L-64900N-42125E
L-64900N-42150E	542150	6064900		L-64900N-42150E
L-64900N-42175E	542175	6064900		L-64900N-42175E
L-64900N-42200E	542200	6064900		L-64900N-42200E
L-64900N-42225E	542225	6064900		L-64900N-42225E

Name	Easting	Northing	Location	Sample_id
L-64900N-42250E	542250	6064900		L-64900N-42250E
L-64900N-42275E	542275	6064900		L-64900N-42275E
L-64900N-42300E	542300	6064900		L-64900N-42300E
L-64900N-42325E	542325	6064900		L-64900N-42325E
L-64900N-42350E	542350	6064900		L-64900N-42350E
L-64900N-42375E	542375	6064900		L-64900N-42375E
L-64900N-42400E	542400	6064900		L-64900N-42400E
L-64900N-42425E	542425	6064900		L-64900N-42425E
L-64900N-42450E	542450	6064900		L-64900N-42450E
L-64900N-42475E	542475	6064900		L-64900N-42475E
L-64900N-42500E	542500	6064900		L-64900N-42500E
L-64900N-42525E	542525	6064900		L-64900N-42525E
L-64900N-42550E	542550	6064900		L-64900N-42550E
L-64900N-42575E	542575	6064900		L-64900N-42575E
L-64900N-42600E	542600	6064900		L-64900N-42600E
L-64900N-42625E	542625	6064900		L-64900N-42625E
L-64900N-42650E	542650	6064900		L-64900N-42650E
L-64900N-42675E	542675	6064900		L-64900N-42675E
L-64900N-42700E	542700	6064900		L-64900N-42700E
L-64900N-42725E	542725	6064900		L-64900N-42725E
L-64900N-42750E	542750	6064900		L-64900N-42750E
L-65400N-41800E	541800	6065400		L-65400N-41800E
L-65400N-41825E	541825	6065400		L-65400N-41825E
L-65400N-41875E	541875	6065400		L-65400N-41875E
L-65400N-41900E	541900	6065400		L-65400N-41900E
L-65400N-41925E	541925	6065400		L-65400N-41925E
L-65400N-41950E	541950	6065400		L-65400N-41950E
L-65400N-41975E	541975	6065400		L-65400N-41975E
L-65400N-42000E	542000	6065400		L-65400N-42000E
L-65400N-42050E	542050	6065400		L-65400N-42050E
L-65400N-42075E	542075	6065400		L-65400N-42075E
L-65400N-42100E	542100	6065400		L-65400N-42100E
L-65400N-42125E	542125	6065400		L-65400N-42125E
L-65400N-42150E	542150	6065400		L-65400N-42150E
L-65400N-42175E	542175	6065400		L-65400N-42175E
L-65400N-42200E	542200	6065400		L-65400N-42200E
L-65400N-42225E	542225	6065400		L-65400N-42225E
L-65400N-42250E	542250	6065400		L-65400N-42250E
L-65400N-42275E	542275	6065400		L-65400N-42275E
L-65400N-42300E	542300	6065400		L-65400N-42300E
L-65400N-42325E	542325	6065400		L-65400N-42325E
L-65400N-42350E	542350	6065400		L-65400N-42350E
L-65400N-42375E	542375	6065400		L-65400N-42375E
L-65400N-42400E	542400	6065400		L-65400N-42400E
L-65400N-42425E	542425	6065400		L-65400N-42425E
L-65400N-42450E	542450	6065400		L-65400N-42450E
L-65400N-42475E	542475	6065400		L-65400N-42475E
L-65400N-42500E	542500	6065400		L-65400N-42500E
L-65400N-42525E	542525	6065400		L-65400N-42525E
L-65400N-42550E	542550	6065400		L-65400N-42550E
L-65400N-42575E	542575	6065400		L-65400N-42575E
L-65400N-42600E	542600	6065400		L-65400N-42600E
L-52550E-44300N	552550	6044300		L-52550E-44300N
L-52550E-44325N	552550	6044325		L-52550E-44325N
L-52550E-44350N	552550	6044350		L-52550E-44350N
L-52550E-44375N	552550	6044375		L-52550E-44375N
L-52550E-44400N	552550	6044400		L-52550E-44400N
L-52550E-44425N	552550	6044425		L-52550E-44425N
L-52550E-44450N	552550	6044450		L-52550E-44450N
L-52550E-44475N	552550	6044475		L-52550E-44475N
L-52550E-44500N	552550	6044500		L-52550E-44500N
L-52550E-44525N	552550	6044525		L-52550E-44525N
L-52550E-44550N	552550	6044550		L-52550E-44550N
L-52550E-44575N	552550	6044575		L-52550E-44575N
L-52550E-44600N	552550	6044600		L-52550E-44600N
L-52550E-44625N	552550	6044625		L-52550E-44625N
L-52550E-44650N	552550	6044650		L-52550E-44650N
L-52550E-44675N	552550	6044675		L-52550E-44675N
L-52550E-44700N	552550	6044700		L-52550E-44700N



Certificate of Analysis

Work Order: TO102648

To: **Geotronics Consulting Inc.**

Attn: David G.Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Oct 01, 2008

P.O. No. :
Project No. : LYRA
No. Of Samples 47
Date Submitted Aug 25, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 47 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-87600E-05900N	26	2	<10	0.7	380	<1	240	7	<5	36
*Rep L-87600E-05900N	26	2	<10	1.4	300	<1	250	8	<5	40
L-87600E-05950N	39	15	<10	1.8	2690	<1	820	17	50	227
L-87600E-06000N	32	14	<10	0.9	2590	<1	770	19	70	181
L-87600E-06050N	29	17	<10	0.2	2200	<1	670	21	100	85
L-87600E-06100N	40	15	<10	0.4	2460	<1	650	19	89	134
L-87600E-06150N	35	28	<10	0.6	2470	<1	640	22	149	73
L-87600E-06200N	22	39	<10	0.1	2160	<1	650	22	78	25
L-87600E-06250N	9	45	<10	<0.1	2330	<1	670	19	82	16
L-87600E-06350N	19	36	<10	0.2	2130	<1	650	25	79	29
L-87600E-06400N	14	30	<10	0.4	2510	<1	780	23	70	48
L-87600E-06450N	36	18	<10	0.4	2130	<1	590	20	71	82
L-87600E-06500N	33	17	<10	0.4	2240	<1	640	16	46	34
L-87600E-06550N	18	23	<10	0.1	1980	<1	600	20	69	38
*Rep L-87600E-06550N	19	21	<10	<0.1	1930	<1	600	20	66	37
L-87600E-06600N	28	5	<10	0.6	790	<1	200	4	6	35
L-87600E-06650N	23	19	<10	1.2	1310	<1	530	18	22	109
L-87600E-06700N	40	11	<10	2.0	1530	<1	510	9	27	157
L-87600E-06750N	8	17	<10	0.2	2380	<1	890	14	25	82
L-87600E-06800N	13	37	<10	0.3	2230	<1	600	26	105	38
L-87600E-06850N	21	21	<10	0.7	2580	<1	640	21	97	136
L-87600E-06900N	28	29	<10	1.5	2750	<1	620	28	142	140
L-87600E-06950N	30	11	<10	1.7	1390	<1	630	10	15	345
L-87600E-07000N	29	21	<10	0.5	2800	<1	620	22	100	143
L-87600E-07050N	29	17	<10	0.6	1810	<1	460	21	124	112
L-87600E-80300N	32	25	<10	0.2	2090	<1	530	23	99	45
L-87450E-05900N	20	24	<10	0.3	1990	<1	480	17	64	22
*Rep L-87450E-05900N	20	24	<10	0.6	1990	<1	480	17	66	24
L-87450E-05950N	20	13	<10	0.5	1440	<1	490	12	39	46
L-87450E-06000N	20	20	<10	0.3	2080	<1	510	21	98	54
L-87450E-06050N	25	20	<10	0.5	2360	<1	550	18	83	56
L-87450E-06100N	17	32	<10	0.3	2720	<1	590	22	96	20
L-87450E-06150N	16	34	<10	<0.1	2960	<1	570	22	89	21
L-87450E-06200N	12	33	<10	0.1	2850	<1	610	24	159	10
L-87450E-06250N	9	44	<10	<0.1	2480	<1	490	24	135	18
L-87450E-06300N	2	27	<10	<0.1	2610	<1	550	34	43	35
L-87450E-06350N	11	30	<10	0.1	2170	<1	550	24	241	21
L-87450E-06400N	17	12	<10	0.3	1960	<1	620	18	27	35
L-87450E-06450N	12	19	<10	0.2	2040	<1	600	16	65	26
L-87450E-06500N	19	6	<10	0.3	1860	<1	600	12	36	66
*Rep L-87450E-06500N	17	6	<10	0.4	1750	<1	580	12	36	65
L-87450E-06550N	23	5	<10	0.4	1720	<1	520	14	35	93
L-87450E-06600N	22	4	<10	1.4	1370	<1	480	11	31	134

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-87450E-06650N	33	4	<10	1.3	1410	<1	300	12	35	41
L-87450E-06700N	29	3	60	0.3	860	<1	270	7	8	41
L-87450E-06750N	14	1	<10	0.4	210	<1	400	7	8	175
L-87450E-06850N	24	7	<10	0.9	1980	<1	580	13	26	106
L-87450E-06900N	19	53	<10	1.0	2900	<1	490	24	114	34
L-87450E-06950N	21	6	<10	0.2	1590	<1	520	8	38	107
L-87450E-07000N	35	27	<10	0.1	2210	<1	560	23	93	36
L-87450E-07050N	30	21	<10	0.4	2260	<1	520	24	191	65
*Std MMISRM16	14	40	10	22.5	120	<1	200	3	20	46
*Std MMISRM16	13	35	<10	22.9	110	<1	160	3	21	44
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	6	<5
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	7	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-87600E-05900N	<100	7440	2	1.7	<0.5	2	2	<1	28	1020
*Rep L-87600E-05900N	<100	7580	2	1.8	<0.5	2	2	<1	28	1100
L-87600E-05950N	<100	7480	24	12.3	7.3	6	33	13	19	199
L-87600E-06000N	<100	5390	34	16.2	10.7	7	49	23	17	216
L-87600E-06050N	<100	2720	42	19.9	13.3	9	61	33	14	249
L-87600E-06100N	<100	3020	40	18.6	12.6	7	60	32	16	261
L-87600E-06150N	<100	3490	55	26.9	17.4	10	82	51	12	241
L-87600E-06200N	<100	1050	40	20.8	12.3	13	59	37	11	196
L-87600E-06250N	<100	500	32	17.4	9.0	14	45	27	8	218
L-87600E-06350N	<100	1090	48	23.6	13.8	12	66	34	10	216
L-87600E-06400N	<100	910	29	14.3	9.0	12	43	22	10	183
L-87600E-06450N	<100	2160	45	22.4	14.0	9	67	34	10	240
L-87600E-06500N	<100	1780	34	15.8	11.5	9	52	28	8	202
L-87600E-06550N	<100	840	32	15.2	10.1	10	47	23	9	241
*Rep L-87600E-06550N	<100	940	30	14.6	9.4	10	44	22	10	239
L-87600E-06600N	<100	4730	3	1.6	0.8	2	3	2	37	643
L-87600E-06650N	<100	11200	13	11.6	1.8	8	9	3	<5	161
L-87600E-06700N	<100	7820	13	6.6	3.4	4	14	5	22	338
L-87600E-06750N	<100	1370	21	9.8	6.5	8	28	9	<5	204
L-87600E-06800N	<100	1990	42	21.0	12.1	13	59	32	6	190
L-87600E-06850N	<100	8650	39	20.7	12.0	10	55	34	5	204
L-87600E-06900N	<100	16700	32	16.7	10.3	13	46	45	<5	203
L-87600E-06950N	<100	11400	12	7.3	2.5	5	12	2	13	208
L-87600E-07000N	<100	8510	41	20.2	13.0	9	60	38	5	263
L-87600E-07050N	<100	4930	48	23.5	14.6	8	69	38	10	333
L-87600E-80300N	<100	1050	43	20.8	12.4	11	61	35	7	204
L-87450E-05900N	<100	860	39	17.9	12.2	9	59	33	7	246
*Rep L-87450E-05900N	<100	800	39	18.9	12.9	9	61	33	6	246
L-87450E-05950N	<100	1220	23	10.4	6.5	7	33	15	6	216
L-87450E-06000N	<100	1620	44	21.6	13.7	10	67	34	<5	240
L-87450E-06050N	<100	1780	42	20.1	12.9	10	63	33	<5	209
L-87450E-06100N	<100	1090	45	23.1	14.2	12	67	42	5	177
L-87450E-06150N	<100	830	46	23.2	13.5	13	68	42	<5	170
L-87450E-06200N	<100	480	41	20.5	13.5	14	61	36	<5	148
L-87450E-06250N	<100	510	48	24.3	14.0	16	66	44	<5	165
L-87450E-06300N	<100	450	29	17.5	6.3	16	32	23	<5	181
L-87450E-06350N	<100	730	58	28.5	17.2	14	82	50	<5	162
L-87450E-06400N	<100	1220	27	13.9	7.8	10	39	17	<5	188
L-87450E-06450N	<100	630	33	16.9	9.5	11	45	24	<5	194
L-87450E-06500N	<100	990	20	10.1	5.2	8	26	10	<5	189
*Rep L-87450E-06500N	<100	1060	19	10.0	4.9	7	25	10	<5	186
L-87450E-06550N	<100	2470	16	7.7	4.3	7	21	9	<5	242
L-87450E-06600N	<100	4570	21	10.6	6.2	4	29	9	<5	228

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-87450E-06650N	<100	4830	15	7.1	3.9	4	18	6	9	334
L-87450E-06700N	<100	3620	4	2.0	0.7	3	4	1	38	377
L-87450E-06750N	<100	6970	6	4.3	0.9	5	5	2	28	415
L-87450E-06850N	<100	5460	16	7.7	5.2	7	23	10	<5	133
L-87450E-06900N	<100	5140	52	27.6	14.1	14	70	55	<5	136
L-87450E-06950N	<100	2630	11	6.3	3.3	12	15	13	<5	269
L-87450E-07000N	<100	780	41	21.1	12.1	11	57	31	<5	144
L-87450E-07050N	<100	1570	60	30.4	16.6	11	83	48	<5	201
*Std MMISRM16	<100	500	3	1.3	1.4	2	6	6	<5	33
*Std MMISRM16	<100	470	3	0.9	1.4	2	7	6	<5	29
*Bik BLANK	<100	10	<1	<0.5	<0.5	<1	<1	<1	6	<1
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-87600E-05900N	70	<0.5	3	1320	10	<1	<1	<1	124	<1
*Rep L-87600E-05900N	72	<0.5	3	1400	10	<1	<1	<1	126	<1
L-87600E-05950N	15	<0.5	53	1850	<10	<1	7	<1	32	<1
L-87600E-06000N	19	<0.5	93	1850	<10	<1	13	<1	44	<1
L-87600E-06050N	10	<0.5	133	1830	10	<1	18	<1	64	<1
L-87600E-06100N	5	<0.5	124	1900	<10	<1	17	<1	56	<1
L-87600E-06150N	6	<0.5	177	1810	10	<1	27	<1	50	<1
L-87600E-06200N	<5	<0.5	132	1110	20	<1	20	<1	96	<1
L-87600E-06250N	<5	<0.5	95	1080	20	<1	14	<1	114	<1
L-87600E-06350N	6	<0.5	136	1510	20	<1	20	<1	94	<1
L-87600E-06400N	<5	<0.5	85	2230	20	<1	12	<1	103	<1
L-87600E-06450N	9	<0.5	135	1980	<10	<1	19	<1	86	<1
L-87600E-06500N	<5	<0.5	113	1470	<10	<1	15	<1	90	<1
L-87600E-06550N	8	<0.5	95	1770	20	<1	13	<1	65	<1
*Rep L-87600E-06550N	8	<0.5	93	1720	20	<1	13	<1	64	<1
L-87600E-06600N	22	<0.5	6	494	10	1	<1	<1	157	<1
L-87600E-06650N	8	<0.5	10	566	<10	<1	1	<1	77	<1
L-87600E-06700N	15	<0.5	21	957	<10	<1	2	<1	135	<1
L-87600E-06750N	<5	<0.5	43	1200	10	<1	5	<1	57	<1
L-87600E-06800N	7	<0.5	118	2170	20	<1	18	<1	104	<1
L-87600E-06850N	7	<0.5	112	1440	<10	<1	17	<1	73	<1
L-87600E-06900N	13	<0.5	113	1340	<10	1	20	<1	78	<1
L-87600E-06950N	15	<0.5	12	972	<10	6	<1	<1	50	<1
L-87600E-07000N	8	<0.5	125	1810	<10	<1	19	<1	53	<1
L-87600E-07050N	46	<0.5	149	1960	10	<1	21	<1	66	<1
L-87600E-80300N	7	<0.5	131	1510	10	<1	19	<1	84	<1
L-87450E-05900N	6	<0.5	129	1410	<10	<1	19	<1	69	<1
*Rep L-87450E-05900N	6	<0.5	132	1420	10	<1	18	<1	70	<1
L-87450E-05950N	10	<0.5	63	1340	<10	<1	8	<1	81	<1
L-87450E-06000N	26	<0.5	137	1460	10	<1	20	<1	73	<1
L-87450E-06050N	13	<0.5	125	1250	10	<1	17	<1	63	<1
L-87450E-06100N	<5	<0.5	154	1190	20	<1	23	<1	113	<1
L-87450E-06150N	<5	<0.5	153	1170	20	<1	23	<1	122	<1
L-87450E-06200N	<5	<0.5	129	1250	50	<1	20	<1	113	<1
L-87450E-06250N	8	<0.5	147	949	40	<1	23	<1	100	<1
L-87450E-06300N	<5	<0.5	57	528	120	<1	9	<1	60	<1
L-87450E-06350N	7	<0.5	179	1500	40	<1	28	<1	89	<1
L-87450E-06400N	25	<0.5	69	1410	10	<1	9	<1	56	<1
L-87450E-06450N	12	<0.5	90	1630	10	<1	12	<1	72	<1
L-87450E-06500N	34	0.5	43	1500	10	<1	5	<1	70	<1
*Rep L-87450E-06500N	33	<0.5	41	1520	<10	<1	5	<1	70	<1
L-87450E-06550N	33	<0.5	37	1520	10	<1	4	<1	60	<1
L-87450E-06600N	46	<0.5	41	1420	<10	<1	4	<1	64	<1

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L-87450E-06650N	38	<0.5	27	1440	10	<1	3	<1	68	<1
L-87450E-06700N	116	<0.5	5	1200	30	<1	<1	<1	162	<1
L-87450E-06750N	359	<0.5	7	1200	40	2	<1	<1	18	3
L-87450E-06850N	6	<0.5	41	1700	<10	<1	5	<1	61	<1
L-87450E-06900N	<5	<0.5	156	1250	20	2	27	<1	144	<1
L-87450E-06950N	15	0.7	38	1310	20	<1	5	<1	81	<1
L-87450E-07000N	13	<0.5	116	1560	20	<1	17	<1	112	<1
L-87450E-07050N	20	<0.5	175	1810	20	<1	26	<1	76	<1
*Std MMISRM16	31	<0.5	21	183	140	21	2	<1	249	<1
*Std MMISRM16	33	<0.5	21	179	140	21	2	<1	238	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-87600E-05900N	6	<1	<1	5510	<1	<1	<10	0.9	22	<0.5
*Rep L-87600E-05900N	6	<1	<1	5670	<1	<1	<10	0.5	24	0.6
L-87600E-05950N	9	20	<1	4510	<1	5	<10	6.3	11	<0.5
L-87600E-06000N	12	34	<1	4370	<1	7	<10	7.1	13	<0.5
L-87600E-06050N	11	44	<1	4180	<1	8	<10	6.1	15	<0.5
L-87600E-06100N	12	44	<1	4490	<1	7	<10	5.5	11	<0.5
L-87600E-06150N	11	60	<1	4070	<1	10	<10	4.5	13	<0.5
L-87600E-06200N	9	43	<1	4080	<1	8	<10	2.3	15	<0.5
L-87600E-06250N	8	33	<1	4300	<1	6	<10	1.4	13	<0.5
L-87600E-06350N	11	48	<1	3130	<1	9	<10	2.6	18	<0.5
L-87600E-06400N	7	29	<1	4280	<1	5	<10	2.0	12	<0.5
L-87600E-06450N	12	47	<1	3060	<1	8	<10	4.9	18	<0.5
L-87600E-06500N	10	40	<1	2990	<1	7	<10	3.5	11	<0.5
L-87600E-06550N	9	34	<1	2770	<1	6	<10	2.9	18	<0.5
*Rep L-87600E-06550N	8	33	<1	2700	<1	6	<10	2.9	16	<0.5
L-87600E-06600N	<5	1	<1	3390	<1	<1	<10	1.3	12	<0.5
L-87600E-06650N	11	3	<1	1640	<1	2	<10	1.3	7	<0.5
L-87600E-06700N	6	8	<1	3450	<1	2	<10	3.4	9	<0.5
L-87600E-06750N	11	17	<1	3260	<1	4	<10	2.1	18	<0.5
L-87600E-06800N	12	42	<1	3110	<1	8	<10	2.3	17	<0.5
L-87600E-06850N	13	38	<1	2530	<1	7	<10	4.6	10	<0.5
L-87600E-06900N	19	32	<1	2370	<1	6	<10	3.4	12	<0.5
L-87600E-06950N	11	5	<1	1870	<1	2	<10	3.8	7	<0.5
L-87600E-07000N	15	41	<1	2890	<1	8	<10	4.4	10	<0.5
L-87600E-07050N	15	48	<1	3150	<1	9	<10	6.9	19	<0.5
L-87600E-80300N	12	44	<1	3040	<1	8	<10	4.1	16	<0.5
L-87450E-05900N	9	44	<1	3040	<1	7	<10	3.3	11	<0.5
*Rep L-87450E-05900N	9	44	<1	3040	<1	7	<10	3.3	11	<0.5
L-87450E-05950N	8	21	<1	3640	<1	4	<10	4.2	18	<0.5
L-87450E-06000N	12	46	<1	3600	<1	9	<10	5.5	23	<0.5
L-87450E-06050N	12	43	<1	3290	<1	8	<10	5.3	20	<0.5
L-87450E-06100N	12	50	<1	3320	<1	9	<10	2.9	13	0.5
L-87450E-06150N	12	50	<1	3270	<1	9	<10	2.9	18	<0.5
L-87450E-06200N	11	44	<1	3560	<1	8	<10	2.3	15	<0.5
L-87450E-06250N	12	48	<1	2860	<1	9	<10	2.4	36	<0.5
L-87450E-06300N	21	18	<1	3450	<1	5	<10	2.6	34	<0.5
L-87450E-06350N	13	61	<1	3110	<1	11	<10	2.9	23	<0.5
L-87450E-06400N	11	26	<1	3560	<1	5	<10	4.5	30	<0.5
L-87450E-06450N	11	31	<1	3580	<1	6	<10	3.1	13	<0.5
L-87450E-06500N	10	15	<1	3620	<1	3	<10	4.9	16	<0.5
*Rep L-87450E-06500N	10	14	<1	3510	<1	3	<10	5.0	14	<0.5
L-87450E-06550N	8	13	<1	2890	<1	3	<10	5.6	14	<0.5
L-87450E-06600N	11	17	<1	3530	<1	4	<10	6.2	11	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-87450E-06650N	8	11	<1	3650	<1	2	<10	4.2	14	<0.5
L-87450E-06700N	7	1	<1	3210	<1	<1	<10	0.8	37	<0.5
L-87450E-06750N	9	2	<1	2730	<1	<1	<10	1.6	8	<0.5
L-87450E-06850N	9	15	<1	2390	<1	3	<10	4.6	10	<0.5
L-87450E-06900N	17	50	<1	2290	<1	10	<10	2.1	16	0.5
L-87450E-06950N	10	11	<1	2430	<1	2	<10	3.1	20	<0.5
L-87450E-07000N	10	41	<1	2670	<1	8	<10	3.0	17	<0.5
L-87450E-07050N	16	61	<1	3130	<1	11	<10	5.2	19	0.5
*Std MMISRM16	13	5	<1	420	<1	<1	<10	25.1	<3	<0.5
*Std MMISRM16	12	4	<1	410	<1	<1	<10	26.2	4	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Bik BLANK	<5	<1	<1	10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102648 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-87600E-05900N	42	1	15	2	80	22
*Rep L-87600E-05900N	47	1	14	2	70	24
L-87600E-05950N	13	<1	113	10	120	23
L-87600E-06000N	22	1	144	13	190	40
L-87600E-06050N	17	<1	172	15	190	45
L-87600E-06100N	21	<1	156	13	140	38
L-87600E-06150N	28	<1	219	20	240	61
L-87600E-06200N	18	<1	164	16	230	60
L-87600E-06250N	20	<1	134	14	310	49
L-87600E-06350N	22	<1	196	20	520	59
L-87600E-06400N	14	<1	116	11	320	33
L-87600E-06450N	24	<1	177	17	270	51
L-87600E-06500N	19	<1	133	12	120	53
L-87600E-06550N	17	<1	130	12	320	34
*Rep L-87600E-06550N	17	<1	120	12	260	35
L-87600E-06600N	10	<1	13	2	50	17
L-87600E-06650N	27	<1	52	12	170	51
L-87600E-06700N	5	1	48	5	40	16
L-87600E-06750N	7	<1	78	8	280	17
L-87600E-06800N	16	<1	163	17	360	51
L-87600E-06850N	28	<1	155	16	290	58
L-87600E-06900N	22	<1	129	13	380	58
L-87600E-06950N	18	<1	49	7	50	14
L-87600E-07000N	27	<1	162	16	210	59
L-87600E-07050N	24	<1	197	19	280	53
L-87600E-80300N	22	1	168	17	320	61
L-87450E-05900N	23	<1	146	13	140	60
*Rep L-87450E-05900N	24	<1	151	14	130	58
L-87450E-05950N	37	<1	87	8	110	37
L-87450E-06000N	30	<1	178	18	300	69
L-87450E-06050N	30	<1	170	17	350	68
L-87450E-06100N	33	<1	180	17	170	88
L-87450E-06150N	29	<1	185	19	330	83
L-87450E-06200N	20	<1	166	16	430	63
L-87450E-06250N	19	<1	188	20	890	57
L-87450E-06300N	10	<1	134	15	1840	22
L-87450E-06350N	21	<1	226	24	580	65
L-87450E-06400N	25	<1	108	11	290	49
L-87450E-06450N	24	<1	125	14	190	44
L-87450E-06500N	19	<1	79	8	130	29
*Rep L-87450E-06500N	18	<1	76	8	120	29
L-87450E-06550N	26	<1	61	7	70	24
L-87450E-06600N	39	<1	91	9	50	19

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Final : TO102648 Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-87450E-06650N	71	<1	62	7	30	17
L-87450E-06700N	8	<1	15	2	120	11
L-87450E-06750N	56	<1	23	4	70	<5
L-87450E-06850N	17	1	67	7	90	20
L-87450E-06900N	38	<1	215	23	250	109
L-87450E-06950N	26	<1	47	6	30	24
L-87450E-07000N	15	<1	161	16	340	36
L-87450E-07050N	36	<1	227	24	350	78
*Std MMISRM16	50	<1	10	<1	180	10
*Std MMISRM16	53	<1	9	<1	170	10
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102657

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

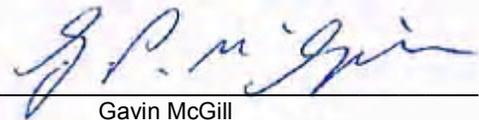
Date: Sep 26, 2008

P.O. No. :
Project No. : WOMO
No. Of Samples 73
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 73 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-BR1 22	<1	105	<10	<0.1	340	1	60	6	<5	14
*Rep L-BR1 22	<1	108	<10	<0.1	310	1	60	6	<5	15
L-BR1 23	20	>300	20	<0.1	270	<1	10	61	154	125
L-BR1 24	<1	179	<10	<0.1	300	2	90	50	5	63
L-BR1 25	19	>300	120	<0.1	990	1	20	45	410	105
L-BR1 26	1	>300	<10	<0.1	250	<1	40	16	<5	22
L-BR1 27	35	>300	40	<0.1	390	<1	30	58	171	72
L-BR1 28	20	298	10	<0.1	680	<1	40	102	95	34
L-BR1 29	2	>300	<10	<0.1	270	<1	10	8	<5	27
L-BR1 30	23	234	10	<0.1	190	<1	<10	26	153	19
L-BR1 31	16	132	<10	<0.1	420	<1	20	46	101	58
L-BR1 32	1	>300	<10	<0.1	450	<1	60	62	43	25
L-BR1 33	4	>300	20	<0.1	520	<1	60	87	59	98
L-BR1 34	<1	66	<10	<0.1	430	3	140	92	7	53
*Rep L-BR1 34	<1	60	<10	<0.1	400	2	150	96	13	35
L-BR1 35	17	242	20	<0.1	370	<1	60	51	83	28
L-BR1 36	18	>300	30	<0.1	310	<1	<10	32	411	41
L-BR1 37	11	268	<10	<0.1	140	<1	<10	40	72	53
L-BR1 38	4	84	<10	<0.1	390	<1	350	261	10	6
L-BR1 39	3	245	10	<0.1	550	<1	30	63	12	145
L-BR1 40	8	171	<10	<0.1	340	<1	110	95	24	<5
L-BR1 41	3	230	<10	<0.1	260	<1	20	13	<5	18
L-BR2 1	3	283	<10	<0.1	80	<1	10	5	<5	21
L-BR2 2	5	238	20	<0.1	210	<1	<10	10	75	54
L-BR2 3	7	227	10	<0.1	220	<1	70	13	10	7
L-BR2 4	2	>300	<10	<0.1	150	<1	<10	4	16	12
L-BR2 5	18	217	10	<0.1	900	<1	20	18	91	60
*Rep L-BR2 5	18	220	10	<0.1	930	<1	20	19	117	55
L-BR2 6	1	269	20	<0.1	110	<1	<10	7	<5	44
L-BR2 7	<1	>300	<10	<0.1	530	<1	40	16	<5	63
L-BR2 8	12	258	<10	<0.1	160	<1	<10	6	5	14
L-BR2 9	6	208	<10	<0.1	50	<1	<10	3	<5	13
L-BR2 10	3	<1	<10	<0.1	70	<1	<10	10	10	23
L-BR2 11	4	281	<10	<0.1	140	<1	10	11	12	12
L-BR2 12	1	240	<10	<0.1	210	<1	<10	5	<5	20
L-BR2 13	<1	>300	20	<0.1	730	<1	90	20	51	365
L-BR2 14	2	293	<10	<0.1	180	<1	<10	15	18	41
L-BR2 15	7	231	<10	<0.1	130	<1	<10	20	52	7
L-BR2 16	1	>300	<10	<0.1	160	<1	30	16	11	34
L-BR2 17	23	63	<10	<0.1	60	<1	<10	11	16	<5
*Rep L-BR2 17	19	79	<10	<0.1	70	<1	<10	13	18	<5
L-BR2 18	<1	295	<10	<0.1	390	<1	50	6	<5	14
L-BR2 19	15	185	50	<0.1	570	<1	250	14	54	17

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-BR2 20	12	97	<10	<0.1	60	<1	<10	8	159	8
L-BR2 21	3	>300	<10	<0.1	110	<1	<10	7	7	13
L-BR2 22	<1	>300	20	<0.1	270	<1	40	5	19	68
L-BR2 23	12	246	<10	<0.1	100	<1	<10	8	12	15
L-BR2 24	<1	>300	<10	<0.1	210	<1	50	11	<5	61
L-BR2 25	3	278	20	<0.1	170	<1	10	13	12	28
L-BR2 26	17	300	<10	<0.1	280	<1	20	18	10	55
L-BR2 27	4	157	60	<0.1	890	<1	310	19	190	43
L-BR2 28	19	203	<10	<0.1	310	<1	<10	32	61	19
L-BR2 29	3	240	<10	<0.1	140	<1	<10	15	<5	21
*Rep L-BR2 29	3	229	<10	<0.1	130	<1	<10	13	<5	22
L-BR2 30	4	255	50	<0.1	450	<1	<10	6	31	25
L-BR2 31	4	>300	<10	<0.1	140	<1	<10	7	<5	21
L-BR2 32	2	186	50	<0.1	360	<1	70	3	17	35
L-BR2 33	2	>300	<10	<0.1	250	<1	40	12	<5	42
L-BR2 34	<1	>300	<10	<0.1	340	<1	40	19	<5	118
L-BR2 35	55	200	<10	0.1	170	<1	<10	16	25	11
L-BR2 36	35	247	<10	62.1	260	2	10	8	<5	25
L-BR3 1	2	251	70	0.3	330	2	40	164	105	62
L-BR3 2	7	287	190	0.1	570	2	40	30	86	159
L-BR3 3	1	234	50	<0.1	630	<1	50	522	32	20
L-BR3 4	12	187	<10	<0.1	110	<1	<10	9	117	<5
L-BR3 5	9	235	<10	<0.1	110	<1	<10	32	27	25
*Rep L-BR3 5	9	211	<10	<0.1	110	<1	<10	30	26	22
L-BR3 6	1	258	60	<0.1	190	2	<10	10	10	16
L-BR3 7	4	107	30	<0.1	60	<1	<10	14	13	13
L-BR3 8	4	266	120	<0.1	750	2	90	14	110	95
L-BR3 9	7	250	300	<0.1	170	1	10	20	273	11
L-BR3 10	3	>300	160	<0.1	340	1	10	6	36	32
L-BR3 11	<1	186	20	<0.1	300	<1	<10	3	9	14
L-BR3 12	2	237	50	<0.1	100	<1	<10	18	28	39
L-BR3 13	3	261	20	<0.1	100	<1	<10	9	41	10
L-BR3 14	3	269	30	<0.1	180	<1	<10	5	61	29
L-BR3 15	12	>300	300	<0.1	830	2	30	48	322	99
L-BR3 16	1	300	40	<0.1	200	1	40	13	8	23
L-BR3 17	6	139	<10	<0.1	40	<1	<10	24	<5	11
*Rep L-BR3 17	5	126	<10	<0.1	40	<1	<10	24	<5	11
*Std MMISRM16	18	53	20	27.0	90	<1	250	4	27	63
*Std MMISRM16	18	57	20	27.1	90	<1	250	4	30	66
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-BR1 22	<100	20	<1	<0.5	<0.5	65	<1	<1	<5	17
*Rep L-BR1 22	<100	10	<1	<0.5	<0.5	83	<1	<1	<5	16
L-BR1 23	<100	320	35	16.3	7.8	87	31	31	<5	1
L-BR1 24	<100	60	2	1.7	<0.5	140	1	2	<5	17
L-BR1 25	<100	530	71	31.7	18.8	138	70	132	<5	5
L-BR1 26	<100	160	3	4.0	<0.5	69	<1	<1	<5	12
L-BR1 27	<100	430	43	17.4	11.4	109	47	54	<5	5
L-BR1 28	<100	490	21	7.4	5.7	77	20	29	<5	3
L-BR1 29	<100	70	<1	1.1	<0.5	77	<1	1	6	7
L-BR1 30	<100	210	23	10.3	6.7	40	26	47	<5	<1
L-BR1 31	<100	320	34	22.6	9.1	17	38	61	<5	5
L-BR1 32	<100	240	50	29.5	5.2	78	23	13	<5	11
L-BR1 33	<100	220	19	9.4	3.1	111	11	11	<5	5
L-BR1 34	<100	110	2	1.4	<0.5	52	2	2	<5	19
*Rep L-BR1 34	<100	120	3	1.8	0.9	32	3	3	<5	17
L-BR1 35	<100	250	21	10.5	5.0	62	20	25	<5	4
L-BR1 36	<100	250	64	30.9	19.2	111	70	131	<5	1
L-BR1 37	<100	460	33	15.9	5.3	100	20	19	<5	1
L-BR1 38	<100	230	6	3.8	1.0	19	5	6	<5	6
L-BR1 39	<100	690	10	15.6	0.8	152	3	5	<5	5
L-BR1 40	<100	620	160	96.8	31.6	11	125	80	<5	5
L-BR1 41	<100	160	<1	0.5	<0.5	123	<1	<1	<5	6
L-BR2 1	<100	100	1	1.6	<0.5	76	<1	1	<5	6
L-BR2 2	<100	360	46	23.4	8.9	78	41	46	<5	1
L-BR2 3	<100	220	10	5.6	1.0	141	4	4	<5	22
L-BR2 4	<100	70	5	5.7	0.6	76	3	8	<5	2
L-BR2 5	<100	890	92	46.7	16.9	31	70	37	<5	2
*Rep L-BR2 5	<100	940	98	47.4	19.7	33	80	48	<5	1
L-BR2 6	<100	130	<1	1.3	<0.5	168	<1	2	6	6
L-BR2 7	<100	80	2	3.1	<0.5	62	<1	1	9	21
L-BR2 8	<100	150	5	4.7	<0.5	51	1	2	<5	<1
L-BR2 9	<100	90	2	3.0	<0.5	61	<1	<1	<5	1
L-BR2 10	<100	70	3	3.4	<0.5	98	2	6	<5	3
L-BR2 11	<100	310	3	2.3	<0.5	170	2	7	<5	3
L-BR2 12	<100	110	2	2.6	<0.5	79	<1	2	<5	3
L-BR2 13	<100	560	8	11.2	1.1	143	4	11	<5	19
L-BR2 14	<100	250	20	14.5	1.4	31	6	7	<5	2
L-BR2 15	<100	260	19	10.7	3.3	31	14	18	<5	<1
L-BR2 16	<100	200	9	9.3	0.7	51	3	5	<5	10
L-BR2 17	<100	140	9	6.3	1.2	11	5	5	<5	<1
*Rep L-BR2 17	<100	160	11	7.4	1.4	10	6	5	<5	<1
L-BR2 18	<100	<10	<1	<0.5	<0.5	115	<1	<1	12	15
L-BR2 19	<100	230	14	7.6	3.8	80	15	20	<5	12

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-BR2 20	<100	140	43	23.9	12.0	17	46	52	<5	<1
L-BR2 21	<100	100	2	2.0	<0.5	117	1	3	<5	1
L-BR2 22	<100	180	5	4.6	0.9	141	3	9	<5	5
L-BR2 23	<100	240	3	2.2	0.5	63	2	5	<5	1
L-BR2 24	<100	70	<1	2.0	<0.5	91	<1	<1	7	11
L-BR2 25	<100	230	15	19.1	1.0	97	5	4	<5	4
L-BR2 26	<100	420	5	4.7	0.5	50	2	4	<5	3
L-BR2 27	<100	260	27	12.7	8.2	61	31	31	<5	4
L-BR2 28	<100	440	12	5.8	2.8	32	11	23	<5	3
L-BR2 29	<100	160	2	2.2	<0.5	51	<1	2	<5	3
*Rep L-BR2 29	<100	170	2	2.6	<0.5	49	<1	2	<5	3
L-BR2 30	<100	410	3	2.4	0.9	227	3	14	<5	3
L-BR2 31	<100	170	<1	0.8	<0.5	77	<1	1	<5	4
L-BR2 32	<100	910	2	1.5	0.6	313	2	7	<5	6
L-BR2 33	<100	60	<1	1.3	<0.5	94	<1	1	<5	8
L-BR2 34	<100	190	1	2.2	<0.5	57	<1	<1	7	18
L-BR2 35	<100	300	14	8.1	2.6	31	10	8	<5	<1
L-BR2 36	<100	1430	3	4.1	<0.5	39	1	2	<5	6
L-BR3 1	<100	1810	38	31.3	7.2	95	27	62	<5	4
L-BR3 2	<100	1000	14	8.0	3.8	231	14	27	<5	3
L-BR3 3	<100	390	14	13.6	1.9	100	7	13	<5	3
L-BR3 4	<100	120	14	5.9	5.5	8	20	34	<5	<1
L-BR3 5	<100	480	13	7.2	1.9	31	8	9	<5	2
*Rep L-BR3 5	<100	450	15	7.9	2.1	27	9	9	<5	2
L-BR3 6	<100	80	<1	0.8	<0.5	219	<1	3	<5	4
L-BR3 7	<100	200	9	7.0	1.4	77	6	5	<5	<1
L-BR3 8	<100	260	28	16.8	6.7	211	28	54	<5	5
L-BR3 9	<100	1390	103	50.9	26.8	77	99	88	<5	2
L-BR3 10	<100	290	5	3.6	1.1	322	4	14	<5	2
L-BR3 11	<100	30	<1	0.6	<0.5	298	<1	4	6	5
L-BR3 12	<100	130	6	4.4	1.3	151	5	18	<5	1
L-BR3 13	<100	310	7	3.9	1.9	90	7	19	<5	<1
L-BR3 14	<100	190	20	14.8	3.1	133	12	23	<5	<1
L-BR3 15	<100	1340	116	72.4	24.6	174	94	107	<5	2
L-BR3 16	<100	130	3	2.9	<0.5	192	1	4	<5	7
L-BR3 17	<100	650	15	12.4	1.1	38	5	1	<5	<1
*Rep L-BR3 17	<100	610	13	10.8	0.8	34	3	1	<5	1
*Std MMISRM16	<100	660	2	0.9	1.2	3	5	6	<5	43
*Std MMISRM16	<100	700	3	1.0	1.3	4	6	7	<5	42
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-BR1 22	<5	0.6	<1	37	10	<1	<1	<1	17	<1
*Rep L-BR1 22	<5	0.6	<1	34	10	<1	<1	<1	17	<1
L-BR1 23	<5	<0.5	72	88	1730	<1	14	<1	146	<1
L-BR1 24	<5	1.3	3	51	150	<1	<1	<1	24	<1
L-BR1 25	6	0.9	229	55	1460	<1	49	<1	77	1
L-BR1 26	<5	<0.5	<1	118	90	<1	<1	<1	<5	<1
L-BR1 27	7	0.5	126	107	2690	<1	24	<1	84	1
L-BR1 28	<5	1.1	60	80	260	<1	13	<1	130	<1
L-BR1 29	<5	0.5	1	59	<10	<1	<1	<1	26	<1
L-BR1 30	<5	3.3	96	23	310	<1	21	<1	163	<1
L-BR1 31	<5	<0.5	148	83	330	<1	30	<1	124	<1
L-BR1 32	<5	3.1	36	68	190	<1	6	<1	47	<1
L-BR1 33	8	6.5	24	65	380	<1	5	<1	98	<1
L-BR1 34	<5	0.6	5	25	440	<1	<1	<1	42	<1
*Rep L-BR1 34	<5	<0.5	11	32	450	<1	2	<1	35	<1
L-BR1 35	6	2.1	53	61	250	<1	11	<1	75	<1
L-BR1 36	5	12.1	249	48	380	<1	56	<1	143	<1
L-BR1 37	<5	2.1	45	85	190	<1	9	<1	121	<1
L-BR1 38	<5	<0.5	9	106	60	<1	2	<1	52	<1
L-BR1 39	<5	<0.5	8	76	2000	<1	2	<1	27	<1
L-BR1 40	<5	<0.5	233	165	120	<1	43	<1	121	<1
L-BR1 41	<5	<0.5	<1	128	<10	<1	<1	<1	16	<1
L-BR2 1	<5	2.6	2	37	50	<1	<1	<1	59	<1
L-BR2 2	<5	2.5	100	47	270	<1	20	<1	162	<1
L-BR2 3	<5	4.5	8	157	150	<1	1	<1	67	<1
L-BR2 4	<5	9.3	8	92	20	<1	2	<1	47	<1
L-BR2 5	<5	2.3	154	58	430	<1	27	<1	191	<1
*Rep L-BR2 5	<5	2.9	191	59	430	<1	35	<1	205	<1
L-BR2 6	<5	6.6	2	42	20	<1	<1	<1	52	<1
L-BR2 7	<5	3.7	1	59	30	<1	<1	<1	13	<1
L-BR2 8	<5	0.5	3	31	140	<1	<1	<1	104	<1
L-BR2 9	<5	2.1	1	15	100	<1	<1	<1	70	<1
L-BR2 10	<5	1.7	5	37	10	<1	1	<1	44	<1
L-BR2 11	<5	5.4	6	37	40	<1	1	<1	123	<1
L-BR2 12	<5	0.6	3	33	30	<1	<1	<1	70	<1
L-BR2 13	<5	2.3	13	96	90	<1	3	<1	57	<1
L-BR2 14	<5	6.1	11	229	170	<1	2	<1	84	<1
L-BR2 15	<5	1.7	38	28	350	<1	8	<1	204	<1
L-BR2 16	<5	1.1	6	95	50	<1	1	<1	32	<1
L-BR2 17	<5	<0.5	13	20	450	<1	3	<1	123	<1
*Rep L-BR2 17	<5	<0.5	15	21	420	<1	3	<1	134	<1
L-BR2 18	<5	<0.5	<1	41	<10	<1	<1	<1	48	<1
L-BR2 19	<5	10.2	35	54	180	<1	7	<1	118	1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-BR2 20	<5	2.3	149	15	410	<1	28	<1	127	<1
L-BR2 21	<5	5.8	4	86	30	<1	<1	<1	40	<1
L-BR2 22	<5	10.5	10	50	50	<1	2	<1	86	<1
L-BR2 23	<5	1.6	6	54	220	<1	2	<1	144	<1
L-BR2 24	<5	<0.5	<1	36	<10	<1	<1	<1	6	<1
L-BR2 25	<5	3.8	9	38	70	<1	2	<1	43	<1
L-BR2 26	<5	0.7	5	67	220	<1	1	<1	110	<1
L-BR2 27	63	3.1	70	85	240	<1	15	<1	156	2
L-BR2 28	<5	1.1	38	48	390	<1	9	<1	159	<1
L-BR2 29	<5	0.9	2	43	220	<1	<1	<1	73	<1
*Rep L-BR2 29	<5	0.9	2	31	220	<1	<1	<1	85	<1
L-BR2 30	7	24.7	12	59	50	<1	3	<1	86	2
L-BR2 31	<5	1.3	1	45	20	<1	<1	<1	30	<1
L-BR2 32	7	13.7	7	79	30	<1	2	<1	52	2
L-BR2 33	<5	6.7	<1	45	<10	<1	<1	<1	17	<1
L-BR2 34	<5	1.5	1	59	60	<1	<1	<1	18	<1
L-BR2 35	<5	<0.5	21	27	620	<1	4	<1	223	<1
L-BR2 36	<5	<0.5	3	23	50	<1	<1	<1	97	<1
L-BR3 1	31	10.0	82	116	700	<1	19	<1	36	4
L-BR3 2	24	41.2	40	121	370	<1	9	<1	185	7
L-BR3 3	12	3.4	19	114	90	<1	4	<1	53	1
L-BR3 4	5	<0.5	75	19	460	<1	17	<1	292	<1
L-BR3 5	<5	2.1	21	59	520	<1	4	<1	190	<1
*Rep L-BR3 5	<5	1.4	22	45	500	<1	4	<1	193	<1
L-BR3 6	5	26.5	3	41	40	<1	<1	<1	56	2
L-BR3 7	<5	4.5	12	37	390	<1	2	<1	126	<1
L-BR3 8	28	21.4	75	56	200	<1	16	<1	146	5
L-BR3 9	25	24.9	250	49	790	<1	48	<1	188	3
L-BR3 10	14	20.5	13	68	80	<1	3	<1	51	6
L-BR3 11	<5	8.7	4	77	10	<1	<1	<1	33	<1
L-BR3 12	17	21.5	17	33	90	<1	4	<1	39	1
L-BR3 13	5	1.8	21	44	230	<1	5	<1	173	<1
L-BR3 14	8	9.3	32	51	260	<1	8	<1	242	<1
L-BR3 15	41	18.8	227	140	790	<1	46	<1	169	9
L-BR3 16	7	16.5	4	31	20	<1	<1	<1	54	2
L-BR3 17	<5	<0.5	6	33	130	<1	<1	<1	169	<1
*Rep L-BR3 17	<5	<0.5	4	28	120	<1	<1	<1	162	<1
*Std MMISRM16	47	<0.5	19	232	100	26	4	<1	364	<1
*Std MMISRM16	50	<0.5	21	255	120	27	4	<1	361	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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L-BR1 22	<5	<1	<1	530	<1	<1	<10	1.5	121	1.3
*Rep L-BR1 22	5	<1	<1	500	<1	<1	<10	1.8	110	1.0
L-BR1 23	21	23	<1	120	<1	6	<10	8.4	248	0.7
L-BR1 24	20	<1	<1	430	<1	<1	<10	4.6	348	0.7
L-BR1 25	65	60	<1	150	<1	13	<10	28.0	558	1.0
L-BR1 26	10	<1	<1	430	<1	<1	<10	1.3	65	<0.5
L-BR1 27	27	38	<1	160	<1	8	<10	14.4	296	0.7
L-BR1 28	24	17	<1	190	<1	4	<10	6.9	449	0.5
L-BR1 29	15	<1	<1	350	<1	<1	<10	1.7	181	<0.5
L-BR1 30	34	24	<1	20	<1	5	<10	6.3	843	<0.5
L-BR1 31	40	33	<1	180	<1	6	<10	1.3	204	<0.5
L-BR1 32	22	14	<1	280	<1	7	<10	5.5	1560	<0.5
L-BR1 33	18	8	<1	410	<1	3	<10	6.9	2560	<0.5
L-BR1 34	6	2	<1	670	<1	<1	<10	2.6	127	1.5
*Rep L-BR1 34	6	3	<1	600	<1	<1	<10	2.3	77	0.8
L-BR1 35	25	15	<1	310	<1	4	<10	4.0	1050	<0.5
L-BR1 36	77	62	<1	40	<1	13	<10	7.7	5250	<0.5
L-BR1 37	36	15	<1	40	<1	5	<10	5.3	381	<0.5
L-BR1 38	7	3	<1	1630	<1	<1	<10	0.5	16	<0.5
L-BR1 39	16	2	<1	420	<1	1	<10	2.0	223	<0.5
L-BR1 40	59	74	<1	650	<1	25	<10	1.8	61	<0.5
L-BR1 41	9	<1	<1	320	<1	<1	<10	<0.5	123	<0.5
L-BR2 1	16	<1	<1	160	<1	<1	<10	2.4	654	<0.5
L-BR2 2	42	28	<1	30	<1	8	<10	4.7	1110	<0.5
L-BR2 3	11	3	<1	280	<1	1	<10	3.6	1620	<0.5
L-BR2 4	14	2	<1	40	<1	<1	<10	2.9	2240	<0.5
L-BR2 5	43	49	<1	150	<1	16	<10	4.8	569	<0.5
*Rep L-BR2 5	44	60	<1	160	<1	17	<10	5.3	652	<0.5
L-BR2 6	17	<1	<1	130	<1	<1	<10	3.1	1410	<0.5
L-BR2 7	22	<1	<1	500	<1	<1	<10	2.2	788	<0.5
L-BR2 8	21	<1	<1	40	<1	<1	<10	1.6	203	<0.5
L-BR2 9	19	<1	<1	70	<1	<1	<10	2.2	512	<0.5
L-BR2 10	19	1	<1	40	<1	<1	<10	1.8	1560	<0.5
L-BR2 11	18	1	<1	100	<1	<1	<10	4.9	779	<0.5
L-BR2 12	17	<1	<1	100	<1	<1	<10	2.6	198	<0.5
L-BR2 13	51	4	<1	450	<1	1	<10	3.7	918	<0.5
L-BR2 14	27	4	<1	30	<1	2	<10	2.7	1820	<0.5
L-BR2 15	42	10	<1	10	<1	3	<10	2.5	383	<0.5
L-BR2 16	34	2	<1	240	<1	<1	<10	2.3	656	<0.5
L-BR2 17	19	4	<1	<10	<1	1	<10	0.5	21	<0.5
*Rep L-BR2 17	23	5	<1	<10	<1	2	<10	0.5	26	<0.5
L-BR2 18	15	<1	<1	450	<1	<1	<10	0.7	55	<0.5
L-BR2 19	19	11	<1	890	<1	3	<10	6.9	3530	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-BR2 20	33	38	<1	<10	<1	8	<10	1.1	417	<0.5
L-BR2 21	18	1	<1	30	<1	<1	<10	2.5	1410	<0.5
L-BR2 22	22	3	<1	240	<1	<1	<10	6.6	2560	<0.5
L-BR2 23	25	2	<1	60	<1	<1	<10	4.4	253	<0.5
L-BR2 24	13	<1	<1	410	<1	<1	<10	0.7	149	<0.5
L-BR2 25	50	3	<1	110	<1	1	<10	2.6	2690	<0.5
L-BR2 26	20	2	<1	200	<1	<1	<10	1.8	335	<0.5
L-BR2 27	27	24	<1	1550	<1	5	<10	6.6	969	<0.5
L-BR2 28	27	9	<1	60	<1	2	<10	4.5	311	<0.5
L-BR2 29	15	<1	<1	50	<1	<1	<10	1.5	196	<0.5
*Rep L-BR2 29	16	<1	<1	50	<1	<1	<10	1.4	200	<0.5
L-BR2 30	18	3	2	110	1	<1	<10	5.7	4910	<0.5
L-BR2 31	10	<1	<1	40	<1	<1	<10	1.3	402	<0.5
L-BR2 32	18	2	1	450	<1	<1	<10	6.7	5230	<0.5
L-BR2 33	9	<1	<1	460	<1	<1	<10	1.9	1010	<0.5
L-BR2 34	27	<1	<1	530	<1	<1	<10	2.1	442	<0.5
L-BR2 35	45	8	<1	<10	<1	2	<10	4.3	259	<0.5
L-BR2 36	13	<1	<1	220	<1	<1	<10	1.5	155	0.5
L-BR3 1	44	21	<1	380	<1	6	<10	7.3	1480	0.8
L-BR3 2	42	11	3	200	2	3	<10	20.2	11400	0.6
L-BR3 3	28	6	<1	440	<1	2	<10	6.2	875	<0.5
L-BR3 4	37	19	<1	<10	<1	3	<10	3.0	212	<0.5
L-BR3 5	44	6	<1	20	<1	2	<10	2.1	364	<0.5
*Rep L-BR3 5	47	6	<1	20	<1	2	<10	1.7	252	<0.5
L-BR3 6	16	<1	4	170	<1	<1	<10	4.6	5090	<0.5
L-BR3 7	24	4	<1	<10	<1	1	<10	2.4	2090	<0.5
L-BR3 8	54	21	3	690	1	5	<10	8.2	12100	<0.5
L-BR3 9	98	76	2	20	1	19	<10	12.2	6760	0.7
L-BR3 10	22	3	3	120	<1	<1	<10	8.9	6880	<0.5
L-BR3 11	9	<1	<1	180	<1	<1	<10	2.4	1630	<0.5
L-BR3 12	50	4	8	50	1	1	<10	10.8	31500	<0.5
L-BR3 13	31	6	<1	20	<1	1	<10	6.1	753	<0.5
L-BR3 14	36	10	<1	30	<1	3	<10	6.8	1580	0.6
L-BR3 15	94	70	1	180	<1	19	<10	15.9	5990	1.9
L-BR3 16	21	1	2	250	<1	<1	<10	6.2	8180	<0.5
L-BR3 17	18	3	<1	40	<1	2	<10	1.4	118	<0.5
*Rep L-BR3 17	14	2	<1	40	<1	1	<10	1.0	93	<0.5
*Std MMISRM16	11	5	<1	530	<1	<1	<10	29.2	9	0.5
*Std MMISRM16	13	6	<1	520	<1	<1	<10	31.9	6	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	0.6
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	6	<0.5

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Final : TO102657 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-BR1 22	<1	<1	<5	<1	300	<5
*Rep L-BR1 22	1	<1	<5	<1	270	5
L-BR1 23	6	<1	177	11	2340	13
L-BR1 24	2	<1	11	2	1690	19
L-BR1 25	17	<1	347	21	1240	37
L-BR1 26	1	<1	20	3	590	<5
L-BR1 27	8	<1	215	11	1690	16
L-BR1 28	4	<1	82	4	560	28
L-BR1 29	1	<1	<5	2	140	6
L-BR1 30	5	<1	126	7	140	40
L-BR1 31	3	<1	322	16	1390	7
L-BR1 32	4	<1	294	20	1290	21
L-BR1 33	12	<1	85	6	1150	32
L-BR1 34	<1	<1	11	2	3680	8
*Rep L-BR1 34	<1	<1	17	2	3690	6
L-BR1 35	11	<1	135	7	330	20
L-BR1 36	8	<1	374	22	260	73
L-BR1 37	3	<1	136	10	430	37
L-BR1 38	4	<1	49	3	5100	<5
L-BR1 39	2	<1	58	18	1510	7
L-BR1 40	8	<1	1360	58	4810	7
L-BR1 41	<1	<1	<5	1	160	<5
L-BR2 1	2	<1	7	2	160	13
L-BR2 2	4	<1	318	14	260	28
L-BR2 3	3	<1	52	3	150	20
L-BR2 4	2	<1	33	5	180	33
L-BR2 5	15	<1	496	31	180	31
*Rep L-BR2 5	16	<1	540	30	180	36
L-BR2 6	1	<1	5	2	260	16
L-BR2 7	2	<1	17	4	550	10
L-BR2 8	2	<1	28	4	150	10
L-BR2 9	1	<1	11	3	110	21
L-BR2 10	2	<1	18	3	90	18
L-BR2 11	3	<1	13	3	500	29
L-BR2 12	2	<1	11	3	110	11
L-BR2 13	3	<1	43	19	2230	22
L-BR2 14	4	<1	125	10	260	23
L-BR2 15	4	3	128	7	130	17
L-BR2 16	2	<1	50	9	450	19
L-BR2 17	2	<1	60	5	60	<5
*Rep L-BR2 17	2	<1	76	6	50	<5
L-BR2 18	<1	<1	<5	<1	180	7
L-BR2 19	7	<1	92	5	120	39

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Final : TO102657 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-BR2 20	7	<1	302	16	60	13
L-BR2 21	2	<1	8	3	100	17
L-BR2 22	5	<1	25	5	320	45
L-BR2 23	4	<1	14	2	240	32
L-BR2 24	1	<1	6	4	350	<5
L-BR2 25	2	<1	119	17	510	11
L-BR2 26	3	<1	26	4	470	9
L-BR2 27	566	<1	140	9	490	41
L-BR2 28	7	<1	74	4	250	18
L-BR2 29	3	<1	10	2	170	8
*Rep L-BR2 29	3	<1	11	2	160	9
L-BR2 30	11	<1	16	2	140	47
L-BR2 31	1	<1	<5	1	110	11
L-BR2 32	7	<1	11	1	120	32
L-BR2 33	2	<1	<5	2	190	13
L-BR2 34	2	<1	8	3	620	12
L-BR2 35	6	<1	71	6	130	18
L-BR2 36	2	<1	18	4	210	7
L-BR3 1	10	<1	283	24	4340	46
L-BR3 2	12	2	72	6	930	107
L-BR3 3	6	<1	95	11	11200	25
L-BR3 4	6	<1	74	4	90	30
L-BR3 5	6	<1	70	5	380	20
*Rep L-BR3 5	6	<1	82	5	340	16
L-BR3 6	2	1	6	<1	260	48
L-BR3 7	7	<1	67	5	90	21
L-BR3 8	11	2	229	12	320	63
L-BR3 9	20	1	562	34	280	114
L-BR3 10	6	1	25	3	240	71
L-BR3 11	2	20	<5	<1	50	33
L-BR3 12	6	5	35	4	700	37
L-BR3 13	6	<1	29	3	80	34
L-BR3 14	8	<1	104	12	200	70
L-BR3 15	22	2	736	58	740	102
L-BR3 16	2	1	16	3	450	38
L-BR3 17	4	<1	95	9	140	<5
*Rep L-BR3 17	3	<1	82	8	150	<5
*Std MMISRM16	49	<1	12	<1	250	14
*Std MMISRM16	53	<1	13	<1	240	16
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102658

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

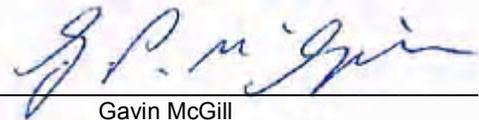
Date: Sep 30, 2008

P.O. No. :
Project No. : WOMO
No. Of Samples 74
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 74 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-CCR1 1	79	176	<10	0.2	350	<1	<10	26	53	26
*Rep L-CCR1 1	63	177	<10	0.1	420	<1	10	26	41	31
L-CCR1 2	12	238	30	<0.1	1110	<1	70	14	144	40
L-CCR1 3	10	240	<10	0.1	740	<1	<10	20	9	33
L-CCR1 4	16	235	<10	0.1	340	<1	<10	12	10	16
L-CCR1 5	21	222	<10	<0.1	360	<1	<10	29	24	49
L-CCR1 6	2	234	<10	<0.1	340	1	40	27	16	13
L-CCR1 7	4	214	<10	0.3	6030	<1	130	7	350	10
L-CCR1 8	9	131	100	0.1	3270	2	180	37	286	136
L-CCR1 9	3	152	20	<0.1	840	<1	20	11	21	33
L-CCR1 10	1	130	<10	<0.1	520	1	<10	12	19	22
L-CCR1 11	4	161	<10	0.2	430	<1	50	7	12	29
L-CCR1 12	1	190	<10	<0.1	400	<1	10	4	8	104
L-CCR1 13	6	269	40	0.1	2260	<1	<10	8	113	12
*Rep L-CCR1 13	5	287	50	0.2	3410	<1	<10	7	126	14
L-CCR1 14	1	214	<10	<0.1	640	<1	<10	<1	<5	11
L-CCR1 15	2	243	<10	<0.1	460	<1	<10	4	6	39
L-CCR1 16	4	109	<10	0.1	1800	<1	350	44	13	9
L-CCR1 17	1	128	<10	0.1	930	2	70	13	18	23
L-CCR1 18	6	290	<10	0.1	320	<1	<10	17	75	33
L-CCR1 19	9	215	<10	0.1	840	<1	80	16	50	9
L-CCR1 20	3	226	<10	0.1	260	<1	20	18	11	14
L-CCR1 21	7	296	<10	0.1	490	<1	<10	22	39	40
L-CCR 21B	1	240	<10	<0.1	330	<1	10	4	<5	73
L-CCR 21C	1	112	<10	0.1	270	4	30	11	9	73
L-CCR 21D	<1	175	<10	0.1	440	<1	20	4	<5	97
L-CCR 21E	1	286	<10	0.1	210	<1	10	6	6	57
*Rep L-CCR 21E	1	293	10	<0.1	240	<1	<10	7	7	50
L-CCR 22	27	255	<10	0.3	150	<1	<10	64	20	44
L-CCR 23	<1	162	<10	<0.1	1330	<1	10	8	8	20
L-CCR 24	<1	74	<10	<0.1	210	<1	40	3	8	<5
L-CCR 25	2	250	<10	<0.1	120	<1	<10	9	<5	36
L-CCR1 26	<1	11	<10	<0.1	300	<1	130	2	6	<5
L-CCR1 27	2	264	<10	<0.1	230	<1	30	19	5	45
L-CCR1 28	1	90	<10	<0.1	240	2	90	15	10	21
L-CCR1 29	<1	241	<10	<0.1	630	1	20	6	<5	68
L-CCR1 30	1	170	<10	<0.1	570	<1	70	17	10	135
L-CCR1 31	8	52	10	0.3	6070	<1	400	8	36	52
L-CCR1 32	3	203	<10	<0.1	890	<1	50	14	14	105
L-CCR1 33	11	189	<10	<0.1	400	2	90	23	32	86
*Rep L-CCR1 33	10	181	<10	0.1	340	2	100	21	28	80
L-CCR1 34	3	59	<10	<0.1	280	<1	480	28	13	8
L-CCR1 35	2	273	<10	<0.1	360	<1	20	42	24	57

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-CCR1 36	33	>300	<10	0.1	260	<1	<10	16	6	64
L-CCR1 37	33	109	<10	0.1	60	<1	30	7	23	<5
L-CCR1 38	15	239	<10	<0.1	330	<1	70	22	49	113
L-CCR1 39	3	170	20	<0.1	610	2	40	7	108	428
L-CCR1 40	4	293	<10	0.1	120	<1	<10	3	<5	19
L-CCR1 41	10	237	20	0.1	180	<1	<10	2	53	19
L-CCR1 42	<1	26	<10	<0.1	550	<1	70	5	5	8
L-CCR1 43	8	215	<10	<0.1	100	<1	<10	5	8	9
L-CCR1 44	7	268	10	0.1	190	<1	<10	42	78	49
L-CCR1 45	10	>300	30	0.1	220	<1	<10	16	72	13
*Rep L-CCR1 45	10	>300	40	0.1	260	<1	<10	16	84	15
L-CCR1 46	<1	83	<10	<0.1	230	2	50	3	5	17
L-CCR1 47	<1	253	<10	<0.1	1170	<1	60	6	<5	149
L-CCR1 48	20	199	10	0.1	160	<1	<10	10	160	106
L-CCR1 49	58	170	<10	0.1	140	<1	<10	10	45	32
L-CCR1 50	2	255	<10	<0.1	210	<1	<10	14	<5	57
L-CCR 51	4	257	<10	0.1	140	<1	<10	20	17	19
L-CCR 52	1	>300	<10	<0.1	210	<1	<10	3	<5	20
L-CCR 53	1	76	<10	0.1	80	<1	40	13	25	25
L-CCR 54	4	176	<10	<0.1	240	<1	10	5	21	54
L-CCR 55	7	233	10	0.1	490	1	70	3	50	9
L-CCR 56	10	158	<10	0.1	70	<1	<10	16	8	24
L-CCR 57	14	116	<10	0.5	40	<1	<10	5	125	6
*Rep L-CCR 57	13	115	<10	0.2	50	<1	<10	5	128	6
L-CCR 58	7	156	<10	<0.1	70	<1	<10	13	7	12
L-CCR 59	1	236	<10	0.1	110	<1	<10	3	<5	14
L-CCR 60	2	273	<10	<0.1	180	<1	50	4	<5	23
L-CCR 61	2	287	10	<0.1	310	<1	<10	3	41	11
L-CCR 62	8	146	<10	<0.1	70	<1	<10	10	9	28
L-CCR 64	8	152	<10	0.1	110	<1	<10	22	<5	27
L-CCR 65	4	240	<10	0.1	220	<1	<10	33	9	42
L-CCR 66	2	222	<10	<0.1	230	<1	110	15	6	38
L-CCR 67	<1	98	<10	<0.1	230	<1	170	11	26	46
L-CCR 68	10	152	10	0.1	730	<1	230	3	31	18
L-CCR 69	1	235	<10	0.1	200	<1	10	3	<5	24
L-CCR 70	5	214	<10	<0.1	220	<1	<10	8	<5	53
*Rep L-CCR 70	6	214	<10	<0.1	210	<1	<10	7	<5	47
L-CCR 72	14	74	<10	0.2	160	<1	<10	4	110	5
*Std MMISRM16	18	37	10	27.8	50	<1	210	3	17	48
*Std MMISRM16	22	48	20	35.7	60	<1	240	4	17	64
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Bik BLANK	<1	1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-CCR1 1	<100	340	49	27.8	8.5	25	38	24	<5	1
*Rep L-CCR1 1	<100	310	46	28.0	7.9	25	35	21	<5	3
L-CCR1 2	<100	280	53	23.8	16.6	54	68	68	<5	4
L-CCR1 3	<100	380	8	8.8	0.7	51	3	5	<5	1
L-CCR1 4	<100	380	4	2.7	0.6	92	2	4	<5	<1
L-CCR1 5	<100	190	13	9.5	2.4	37	9	20	<5	4
L-CCR1 6	<100	60	2	1.5	0.6	54	3	9	<5	8
L-CCR1 7	<100	650	173	77.7	43.4	10	180	239	<5	15
L-CCR1 8	<100	1220	47	22.2	19.3	153	71	116	<5	9
L-CCR1 9	<100	150	4	4.4	0.8	290	2	10	<5	3
L-CCR1 10	<100	120	1	0.9	<0.5	69	1	8	<5	4
L-CCR1 11	<100	280	6	5.1	0.6	212	3	5	<5	7
L-CCR1 12	<100	40	<1	<0.5	<0.5	173	<1	3	8	7
L-CCR1 13	<100	830	45	18.7	12.4	34	46	44	<5	<1
*Rep L-CCR1 13	<100	840	45	19.2	12.8	37	47	47	<5	<1
L-CCR1 14	<100	10	<1	<0.5	<0.5	151	<1	1	<5	<1
L-CCR1 15	<100	70	<1	1.0	<0.5	79	<1	2	<5	8
L-CCR1 16	<100	470	73	53.3	12.2	7	59	34	<5	6
L-CCR1 17	<100	110	1	1.3	<0.5	118	1	6	<5	4
L-CCR1 18	<100	400	25	11.4	5.2	40	21	26	<5	<1
L-CCR1 19	<100	250	46	21.7	9.1	45	43	27	<5	5
L-CCR1 20	<100	490	8	8.4	<0.5	119	2	4	<5	3
L-CCR1 21	<100	530	16	8.8	2.4	87	10	14	<5	2
L-CCR 21B	<100	60	2	4.0	<0.5	165	1	2	<5	6
L-CCR 21C	<100	490	2	2.6	<0.5	95	2	4	13	7
L-CCR 21D	<100	<10	<1	<0.5	<0.5	83	<1	1	9	9
L-CCR 21E	<100	20	1	2.1	<0.5	95	1	2	30	5
*Rep L-CCR 21E	<100	20	2	1.9	<0.5	104	1	3	33	5
L-CCR 22	<100	940	9	7.3	1.4	149	6	13	<5	1
L-CCR 23	<100	<10	<1	<0.5	<0.5	129	<1	2	<5	31
L-CCR 24	<100	10	<1	<0.5	<0.5	43	<1	3	<5	2
L-CCR 25	<100	260	2	2.9	<0.5	67	<1	2	<5	5
L-CCR1 26	<100	<10	<1	<0.5	<0.5	12	<1	4	<5	6
L-CCR1 27	<100	100	4	3.5	<0.5	97	2	3	<5	6
L-CCR1 28	<100	150	2	1.4	0.6	123	2	4	<5	10
L-CCR1 29	<100	20	<1	<0.5	<0.5	119	<1	1	10	18
L-CCR1 30	<100	130	2	2.5	<0.5	118	2	3	<5	14
L-CCR1 31	<100	590	11	4.7	6.3	15	18	21	<5	7
L-CCR1 32	<100	110	12	11.3	1.1	178	5	4	<5	5
L-CCR1 33	<100	1450	49	25.6	7.9	66	37	20	<5	4
*Rep L-CCR1 33	<100	1450	50	26.3	7.8	62	37	18	<5	4
L-CCR1 34	<100	100	7	4.0	1.4	53	6	6	<5	9
L-CCR1 35	<100	650	81	71.7	5.4	61	29	26	<5	4

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-CCR1 36	<100	730	4	3.6	<0.5	89	1	3	<5	3
L-CCR1 37	<100	440	15	6.7	4.0	3	18	17	<5	1
L-CCR1 38	<100	300	23	9.4	5.6	47	23	19	<5	3
L-CCR1 39	<100	920	21	12.8	5.3	386	21	33	<5	4
L-CCR1 40	<100	80	<1	0.9	<0.5	89	<1	2	<5	3
L-CCR1 41	<100	450	10	5.6	2.7	191	10	27	<5	<1
L-CCR1 42	<100	<10	<1	<0.5	<0.5	14	<1	5	<5	36
L-CCR1 43	<100	190	1	1.2	<0.5	151	1	4	<5	<1
L-CCR1 44	<100	970	55	27.1	9.1	78	40	23	<5	1
L-CCR1 45	<100	400	12	6.0	3.2	154	12	29	<5	<1
*Rep L-CCR1 45	<100	410	13	6.8	3.4	174	13	33	<5	<1
L-CCR1 46	<100	140	<1	<0.5	<0.5	55	<1	3	<5	8
L-CCR1 47	<100	20	2	3.8	<0.5	65	<1	2	25	5
L-CCR1 48	<100	450	61	27.6	14.9	32	63	79	<5	<1
L-CCR1 49	<100	100	26	16.1	4.2	19	22	16	<5	2
L-CCR1 50	<100	160	2	2.8	<0.5	113	<1	2	<5	3
L-CCR 51	<100	170	9	3.9	1.2	36	5	6	<5	<1
L-CCR 52	<100	30	<1	0.8	<0.5	55	<1	1	<5	3
L-CCR 53	<100	300	8	6.4	0.8	3	5	3	<5	4
L-CCR 54	<100	530	5	2.9	1.0	221	4	9	<5	2
L-CCR 55	<100	340	28	14.7	8.1	37	32	38	<5	1
L-CCR 56	<100	300	6	5.1	0.5	25	2	3	<5	<1
L-CCR 57	<100	130	33	19.1	8.8	8	40	59	<5	<1
*Rep L-CCR 57	<100	100	34	19.2	9.3	8	42	62	<5	<1
L-CCR 58	<100	140	6	5.1	0.6	31	3	3	<5	3
L-CCR 59	<100	160	<1	1.0	<0.5	109	<1	<1	<5	3
L-CCR 60	<100	110	3	2.8	<0.5	74	<1	1	7	4
L-CCR 61	<100	110	5	3.5	0.9	159	4	11	<5	<1
L-CCR 62	<100	110	14	12.4	1.3	40	6	6	<5	<1
L-CCR 64	<100	160	9	9.1	<0.5	24	3	2	<5	1
L-CCR 65	<100	600	3	3.8	<0.5	104	1	4	<5	3
L-CCR 66	<100	200	5	3.5	0.8	110	4	2	<5	8
L-CCR 67	<100	110	26	18.4	5.6	23	26	10	<5	5
L-CCR 68	<100	740	8	4.1	2.4	36	8	10	<5	3
L-CCR 69	<100	120	<1	<0.5	<0.5	127	<1	<1	7	6
L-CCR 70	<100	70	2	2.7	<0.5	82	1	1	<5	1
*Rep L-CCR 70	<100	70	2	2.5	<0.5	77	1	2	<5	1
L-CCR 72	<100	70	27	12.7	9.5	3	40	53	<5	<1
*Std MMISRM16	<100	510	2	0.8	0.9	2	4	4	<5	35
*Std MMISRM16	<100	640	2	1.0	1.0	1	5	5	<5	37
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-CCR1 1	<5	<0.5	93	70	240	<1	17	<1	135	<1
*Rep L-CCR1 1	<5	<0.5	81	72	230	<1	14	<1	134	<1
L-CCR1 2	12	3.8	177	91	480	<1	30	<1	217	<1
L-CCR1 3	<5	0.8	6	91	170	<1	1	<1	106	<1
L-CCR1 4	<5	1.1	5	56	150	<1	1	<1	84	<1
L-CCR1 5	<5	0.8	28	55	280	<1	6	<1	168	<1
L-CCR1 6	<5	2.5	8	36	380	<1	2	<1	5	<1
L-CCR1 7	<5	<0.5	507	38	380	<1	95	<1	136	<1
L-CCR1 8	26	7.3	227	235	380	<1	43	<1	67	8
L-CCR1 9	<5	8.5	9	152	50	<1	2	<1	68	<1
L-CCR1 10	<5	9.8	7	71	190	<1	2	<1	22	<1
L-CCR1 11	<5	3.4	6	66	70	<1	1	<1	20	<1
L-CCR1 12	<5	0.9	2	58	<10	<1	<1	<1	27	<1
L-CCR1 13	<5	4.0	113	37	260	<1	21	<1	182	2
*Rep L-CCR1 13	5	5.1	123	34	260	<1	22	<1	186	2
L-CCR1 14	<5	1.0	1	150	<10	<1	<1	<1	14	<1
L-CCR1 15	<5	<0.5	3	64	<10	<1	<1	<1	22	<1
L-CCR1 16	<5	<0.5	86	69	90	<1	14	<1	77	<1
L-CCR1 17	5	15.1	5	58	90	<1	1	<1	95	<1
L-CCR1 18	<5	2.0	48	77	190	<1	10	<1	179	<1
L-CCR1 19	<5	2.0	79	94	250	<1	13	<1	58	<1
L-CCR1 20	5	1.2	4	323	70	<1	<1	<1	46	<1
L-CCR1 21	<5	1.0	19	105	80	<1	4	<1	194	<1
L-CCR 21B	<5	0.9	2	33	20	<1	<1	<1	10	<1
L-CCR 21C	<5	0.9	4	72	310	<1	<1	<1	56	<1
L-CCR 21D	<5	<0.5	<1	77	<10	<1	<1	<1	13	<1
L-CCR 21E	<5	1.5	3	45	20	<1	<1	<1	23	<1
*Rep L-CCR 21E	<5	2.1	3	46	20	<1	<1	<1	22	<1
L-CCR 22	6	0.9	11	90	520	<1	2	<1	93	<1
L-CCR 23	<5	2.3	2	47	<10	<1	<1	<1	15	<1
L-CCR 24	<5	<0.5	3	32	<10	<1	<1	<1	58	<1
L-CCR 25	<5	2.0	2	156	30	<1	<1	<1	7	<1
L-CCR1 26	<5	<0.5	4	54	10	<1	1	<1	34	<1
L-CCR1 27	<5	10.2	3	149	130	<1	<1	<1	34	<1
L-CCR1 28	7	22.6	7	84	270	<1	1	<1	49	<1
L-CCR1 29	<5	6.9	1	94	<10	<1	<1	<1	24	<1
L-CCR1 30	<5	3.4	4	74	90	<1	<1	<1	6	<1
L-CCR1 31	9	<0.5	45	34	40	<1	8	<1	125	2
L-CCR1 32	<5	4.6	7	81	850	<1	1	<1	44	<1
L-CCR1 33	7	0.5	65	59	140	<1	10	<1	88	<1
*Rep L-CCR1 33	6	<0.5	64	56	130	<1	10	<1	84	<1
L-CCR1 34	<5	<0.5	12	46	180	<1	2	<1	84	<1
L-CCR1 35	<5	0.8	50	35	100	<1	9	<1	37	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-CCR1 36	<5	7.4	4	51	220	<1	<1	<1	35	<1
L-CCR1 37	<5	<0.5	36	20	90	<1	6	<1	128	<1
L-CCR1 38	<5	2.2	52	50	200	<1	9	<1	57	<1
L-CCR1 39	10	7.1	57	89	70	<1	12	<1	136	1
L-CCR1 40	<5	1.6	2	26	10	<1	<1	<1	58	<1
L-CCR1 41	6	12.4	35	42	50	<1	7	<1	105	<1
L-CCR1 42	<5	<0.5	5	78	10	<1	1	<1	57	<1
L-CCR1 43	<5	2.6	5	53	50	<1	1	<1	83	<1
L-CCR1 44	<5	0.6	69	67	410	<1	12	<1	115	<1
L-CCR1 45	14	8.3	35	81	130	<1	8	<1	96	<1
*Rep L-CCR1 45	16	9.9	40	82	130	<1	9	<1	101	<1
L-CCR1 46	<5	0.9	3	38	30	<1	<1	<1	59	<1
L-CCR1 47	<5	<0.5	2	52	<10	<1	<1	<1	23	<1
L-CCR1 48	6	1.0	172	81	360	<1	33	<1	224	<1
L-CCR1 49	<5	<0.5	52	54	30	<1	9	<1	273	<1
L-CCR1 50	<5	1.8	2	109	20	<1	<1	<1	68	<1
L-CCR 51	<5	0.9	11	48	120	<1	2	<1	120	<1
L-CCR 52	<5	0.7	1	21	<10	<1	<1	<1	98	<1
L-CCR 53	<5	<0.5	8	52	<10	<1	1	<1	34	<1
L-CCR 54	<5	2.4	10	38	30	<1	2	<1	112	<1
L-CCR 55	7	2.8	80	38	360	<1	15	<1	233	<1
L-CCR 56	<5	<0.5	6	38	220	<1	<1	<1	74	<1
L-CCR 57	5	<0.5	115	15	80	<1	23	<1	156	<1
*Rep L-CCR 57	<5	<0.5	116	17	80	<1	23	<1	160	<1
L-CCR 58	<5	<0.5	6	19	110	<1	1	<1	83	<1
L-CCR 59	<5	0.6	<1	27	<10	<1	<1	<1	47	<1
L-CCR 60	<5	2.3	2	28	<10	<1	<1	<1	27	<1
L-CCR 61	<5	4.5	10	133	20	<1	2	<1	173	<1
L-CCR 62	<5	2.3	13	25	280	<1	2	<1	111	<1
L-CCR 64	<5	<0.5	3	31	40	<1	<1	<1	77	<1
L-CCR 65	<5	1.3	3	49	60	<1	<1	<1	91	<1
L-CCR 66	6	2.2	6	50	130	<1	1	<1	22	<1
L-CCR 67	<5	<0.5	43	36	70	<1	7	<1	6	<1
L-CCR 68	173	3.4	19	47	410	<1	4	<1	43	3
L-CCR 69	<5	0.8	<1	18	<10	<1	<1	<1	57	<1
L-CCR 70	<5	1.1	2	71	10	<1	<1	<1	171	<1
*Rep L-CCR 70	<5	0.7	3	76	10	<1	<1	<1	178	<1
L-CCR 72	7	<0.5	140	<5	110	<1	28	<1	246	<1
*Std MMISRM16	41	<0.5	15	178	70	28	2	<1	294	<1
*Std MMISRM16	53	<0.5	15	252	100	36	3	<1	324	<1
*Bik BLANK	<5	<0.5	<1	9	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-CCR1 1	70	28	<1	30	<1	7	<10	3.5	119	<0.5
*Rep L-CCR1 1	69	23	<1	60	<1	7	<10	3.1	83	<0.5
L-CCR1 2	47	50	<1	490	<1	10	<10	6.7	2640	<0.5
L-CCR1 3	25	2	<1	80	<1	<1	<10	3.2	253	<0.5
L-CCR1 4	12	1	<1	50	<1	<1	<10	3.7	178	<0.5
L-CCR1 5	13	7	<1	80	<1	2	<10	6.3	208	<0.5
L-CCR1 6	11	2	<1	130	<1	<1	<10	23.8	565	<0.5
L-CCR1 7	279	132	<1	1490	<1	30	<10	10.6	164	0.7
L-CCR1 8	77	58	<1	570	<1	9	<10	16.1	1710	<0.5
L-CCR1 9	17	2	<1	260	<1	<1	<10	5.3	1770	<0.5
L-CCR1 10	29	2	2	180	<1	<1	<10	9.2	1240	<0.5
L-CCR1 11	12	2	<1	180	<1	<1	<10	2.8	853	<0.5
L-CCR1 12	15	<1	<1	190	<1	<1	<10	1.6	180	<0.5
L-CCR1 13	71	35	<1	60	<1	8	<10	12.4	2310	0.9
*Rep L-CCR1 13	77	37	<1	70	<1	8	<10	13.8	2700	1.0
L-CCR1 14	6	<1	<1	<10	<1	<1	<10	0.5	223	<0.5
L-CCR1 15	11	<1	<1	60	<1	<1	<10	0.7	72	<0.5
L-CCR1 16	22	30	<1	1310	<1	10	<10	0.8	6	<0.5
L-CCR1 17	23	1	1	280	<1	<1	<10	7.7	2040	<0.5
L-CCR1 18	40	14	<1	20	<1	4	<10	6.4	775	<0.5
L-CCR1 19	26	26	<1	420	<1	8	<10	3.2	691	<0.5
L-CCR1 20	23	1	<1	80	<1	<1	<10	2.9	361	<0.5
L-CCR1 21	23	6	<1	70	<1	2	<10	4.1	348	<0.5
L-CCR 21B	14	<1	<1	210	<1	<1	<10	2.1	667	<0.5
L-CCR 21C	63	1	<1	130	<1	<1	<10	6.2	1070	<0.5
L-CCR 21D	24	<1	<1	390	<1	<1	<10	0.8	263	<0.5
L-CCR 21E	25	<1	<1	290	<1	<1	<10	1.7	562	<0.5
*Rep L-CCR 21E	27	<1	<1	300	<1	<1	<10	2.0	711	<0.5
L-CCR 22	19	4	<1	60	<1	1	<10	2.0	500	<0.5
L-CCR 23	14	<1	<1	560	<1	<1	<10	1.8	474	<0.5
L-CCR 24	7	<1	<1	280	<1	<1	<10	1.3	64	<0.5
L-CCR 25	38	<1	<1	100	<1	<1	<10	3.9	1210	<0.5
L-CCR1 26	<5	<1	<1	360	<1	<1	<10	<0.5	32	<0.5
L-CCR1 27	29	<1	2	130	<1	<1	<10	3.3	2250	<0.5
L-CCR1 28	23	2	2	230	<1	<1	<10	6.2	1890	<0.5
L-CCR1 29	23	<1	1	420	<1	<1	<10	2.8	1380	<0.5
L-CCR1 30	15	1	<1	420	<1	<1	<10	2.2	912	<0.5
L-CCR1 31	11	14	<1	1780	<1	2	<10	4.6	162	<0.5
L-CCR1 32	37	3	<1	290	<1	1	<10	5.2	1190	<0.5
L-CCR1 33	32	22	<1	320	<1	7	<10	4.8	242	<0.5
*Rep L-CCR1 33	33	21	<1	320	<1	7	<10	4.2	199	<0.5
L-CCR1 34	12	4	<1	1290	<1	1	<10	0.5	169	<0.5
L-CCR1 35	45	16	<1	240	<1	8	<10	2.2	268	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-CCR1 36	14	<1	<1	50	<1	<1	<10	5.6	1910	<0.5
L-CCR1 37	26	12	<1	30	<1	3	<10	1.7	24	<0.5
L-CCR1 38	26	17	<1	510	<1	4	<10	4.5	642	<0.5
L-CCR1 39	30	16	<1	320	<1	4	<10	9.7	2390	<0.5
L-CCR1 40	14	<1	<1	50	<1	<1	<10	2.9	721	<0.5
L-CCR1 41	31	10	1	20	<1	2	<10	8.5	5030	<0.5
L-CCR1 42	<5	<1	<1	2010	<1	<1	<10	0.5	116	<0.5
L-CCR1 43	17	1	<1	<10	<1	<1	<10	3.5	978	<0.5
L-CCR1 44	59	24	<1	80	<1	9	<10	6.3	323	1.1
L-CCR1 45	43	10	<1	100	<1	2	<10	10.7	2480	0.5
*Rep L-CCR1 45	46	11	<1	110	<1	2	<10	12.3	2830	0.5
L-CCR1 46	17	<1	<1	450	<1	<1	<10	4.8	212	<0.5
L-CCR1 47	28	<1	<1	1090	<1	<1	<10	3.8	46	<0.5
L-CCR1 48	77	48	<1	30	<1	10	<10	4.2	675	<0.5
L-CCR1 49	54	14	<1	20	<1	4	<10	0.9	321	0.8
L-CCR1 50	35	<1	<1	100	<1	<1	<10	1.1	1530	<0.5
L-CCR 51	19	4	<1	70	<1	1	<10	2.4	612	<0.5
L-CCR 52	11	<1	<1	320	<1	<1	<10	1.4	434	<0.5
L-CCR 53	20	3	<1	290	<1	<1	<10	0.6	27	<0.5
L-CCR 54	22	3	<1	110	<1	<1	<10	4.7	753	<0.5
L-CCR 55	34	24	<1	140	<1	5	<10	5.7	784	0.7
L-CCR 56	29	2	<1	<10	<1	<1	<10	1.6	43	<0.5
L-CCR 57	43	32	<1	<10	<1	6	<10	2.0	177	<0.5
*Rep L-CCR 57	43	31	<1	<10	<1	6	<10	2.1	201	<0.5
L-CCR 58	34	2	<1	40	<1	<1	<10	2.2	276	<0.5
L-CCR 59	9	<1	<1	80	<1	<1	<10	1.2	251	<0.5
L-CCR 60	21	<1	<1	440	<1	<1	<10	1.7	746	<0.5
L-CCR 61	21	3	<1	60	<1	<1	<10	5.0	1750	<0.5
L-CCR 62	30	4	<1	<10	<1	2	<10	1.2	581	<0.5
L-CCR 64	34	1	<1	40	<1	<1	<10	0.8	96	<0.5
L-CCR 65	15	<1	<1	120	<1	<1	<10	2.7	671	<0.5
L-CCR 66	20	2	<1	680	<1	<1	<10	2.8	1210	<0.5
L-CCR 67	18	17	<1	540	<1	4	<10	1.4	38	<0.5
L-CCR 68	37	6	<1	630	<1	1	<10	7.1	1240	0.7
L-CCR 69	8	<1	<1	110	<1	<1	<10	0.8	250	<0.5
L-CCR 70	29	<1	<1	40	<1	<1	<10	1.0	1640	<0.5
*Rep L-CCR 70	32	<1	<1	30	<1	<1	<10	1.1	1050	<0.5
L-CCR 72	52	33	<1	<10	<1	5	<10	2.1	41	<0.5
*Std MMISRM16	11	5	<1	460	<1	<1	<10	19.5	3	<0.5
*Std MMISRM16	12	5	<1	490	<1	<1	<10	22.5	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102658 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-CCR1 1	4	<1	253	19	140	13
*Rep L-CCR1 1	4	<1	251	19	250	11
L-CCR1 2	40	1	290	14	80	26
L-CCR1 3	6	<1	39	7	110	11
L-CCR1 4	7	<1	12	2	150	18
L-CCR1 5	13	<1	82	7	520	5
L-CCR1 6	6	<1	11	1	740	8
L-CCR1 7	86	<1	1060	47	640	11
L-CCR1 8	12	2	251	17	1050	67
L-CCR1 9	4	<1	19	5	130	21
L-CCR1 10	1	<1	6	<1	850	20
L-CCR1 11	1	<1	29	5	720	15
L-CCR1 12	<1	<1	<5	<1	260	9
L-CCR1 13	12	3	196	13	460	72
*Rep L-CCR1 13	12	3	194	13	450	88
L-CCR1 14	<1	<1	<5	<1	<20	<5
L-CCR1 15	<1	<1	7	1	110	6
L-CCR1 16	31	<1	802	34	930	<5
L-CCR1 17	3	<1	8	1	720	21
L-CCR1 18	3	<1	94	7	170	34
L-CCR1 19	6	<1	249	12	160	9
L-CCR1 20	2	<1	36	7	590	9
L-CCR1 21	4	<1	62	6	370	18
L-CCR 21B	1	<1	13	6	210	<5
L-CCR 21C	8	<1	14	3	790	11
L-CCR 21D	<1	<1	<5	<1	100	<5
L-CCR 21E	<1	<1	9	3	240	20
*Rep L-CCR 21E	<1	<1	9	2	250	16
L-CCR 22	2	<1	36	6	650	7
L-CCR 23	1	<1	<5	<1	250	9
L-CCR 24	<1	<1	<5	<1	150	<5
L-CCR 25	2	<1	12	3	210	21
L-CCR1 26	<1	<1	<5	<1	140	<5
L-CCR1 27	2	<1	22	3	610	27
L-CCR1 28	8	<1	13	1	900	37
L-CCR1 29	2	<1	<5	<1	110	25
L-CCR1 30	2	<1	15	3	970	12
L-CCR1 31	40	<1	56	3	190	17
L-CCR1 32	9	<1	63	10	440	17
L-CCR1 33	82	<1	297	16	1520	8
*Rep L-CCR1 33	81	<1	300	17	1430	7
L-CCR1 34	4	<1	32	2	220	<5
L-CCR1 35	15	<1	554	63	1150	13

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Final : TO102658 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-CCR1 36	4	<1	23	3	500	19
L-CCR1 37	4	<1	66	4	70	9
L-CCR1 38	9	<1	95	6	610	23
L-CCR1 39	13	1	109	12	120	37
L-CCR1 40	2	<1	<5	1	120	20
L-CCR1 41	6	<1	37	5	40	74
L-CCR1 42	<1	<1	<5	<1	380	<5
L-CCR1 43	2	<1	7	2	50	21
L-CCR1 44	28	<1	240	17	790	12
L-CCR1 45	5	<1	44	4	70	84
*Rep L-CCR1 45	5	<1	49	4	60	97
L-CCR1 46	2	<1	<5	<1	740	7
L-CCR1 47	2	<1	10	6	180	<5
L-CCR1 48	8	<1	322	18	350	28
L-CCR1 49	1	<1	153	11	110	6
L-CCR1 50	<1	2	11	3	280	8
L-CCR 51	2	<1	35	2	200	14
L-CCR 52	<1	<1	<5	<1	70	7
L-CCR 53	6	<1	51	5	220	<5
L-CCR 54	3	<1	17	2	120	38
L-CCR 55	34	2	164	11	<20	54
L-CCR 56	2	<1	31	4	170	10
L-CCR 57	4	<1	226	12	40	18
*Rep L-CCR 57	4	<1	227	12	40	18
L-CCR 58	2	<1	35	4	210	6
L-CCR 59	<1	<1	<5	1	90	7
L-CCR 60	1	<1	12	3	120	9
L-CCR 61	3	<1	21	3	50	39
L-CCR 62	3	<1	122	8	120	9
L-CCR 64	1	<1	54	7	120	<5
L-CCR 65	4	<1	15	4	260	11
L-CCR 66	3	<1	33	2	470	9
L-CCR 67	7	2	168	14	150	<5
L-CCR 68	6	6	35	3	120	36
L-CCR 69	<1	<1	<5	<1	30	<5
L-CCR 70	<1	23	15	2	120	10
*Rep L-CCR 70	<1	15	16	2	110	<5
L-CCR 72	4	<1	130	9	30	20
*Std MMISRM16	35	<1	8	<1	180	12
*Std MMISRM16	41	<1	10	<1	200	13
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102659

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Oct 06, 2008

P.O. No. :
Project No. : WOMO
No. Of Samples 37
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 37 Soils

Certified By : _____

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-BR1 1	37	128	<10	<0.1	210	<1	<10	7	<5	9
*Rep L-BR1 1	52	99	<10	<0.1	170	<1	<10	9	7	7
L-BR1 2	9	274	<10	<0.1	240	<1	<10	6	6	14
L-BR1 3	14	>300	<10	<0.1	190	<1	<10	7	5	11
L-BR1 4	41	251	<10	<0.1	260	<1	<10	10	81	35
L-BR1 5	3	245	<10	<0.1	240	<1	<10	5	<5	8
L-BR1 6	2	175	<10	<0.1	1010	<1	60	52	43	7
L-BR1 7	14	220	<10	<0.1	250	<1	<10	26	14	8
L-BR1 8	1	214	<10	<0.1	490	<1	<10	10	9	12
L-BR1 9	16	146	<10	0.1	410	<1	<10	28	34	5
L-BR1 10	13	>300	<10	<0.1	290	<1	30	16	<5	36
L-BR1 11	18	147	<10	<0.1	240	<1	<10	21	47	50
L-BR1 12	17	207	<10	<0.1	170	<1	<10	26	12	19
L-BR1 13	13	282	<10	<0.1	230	<1	<10	15	13	19
*Rep L-BR1 13	13	275	<10	<0.1	210	<1	<10	12	11	18
L-BR1 14	16	>300	20	<0.1	490	<1	<10	18	36	48
L-BR1 15	20	115	<10	<0.1	360	<1	<10	13	172	34
L-BR1 16	20	243	<10	<0.1	310	<1	<10	21	29	23
L-BR1 17	11	172	10	<0.1	480	<1	20	17	193	66
L-BR1 18	21	284	20	<0.1	310	<1	<10	26	163	80
L-BR1 19	17	179	30	<0.1	230	<1	30	21	886	149
L-BR1 20	13	291	<10	<0.1	260	<1	<10	13	26	35
L-BR1 21	7	296	80	<0.1	430	1	<10	12	58	51
L-CCR 73	<1	>300	<10	<0.1	130	<1	<10	3	<5	27
L-CCR 74	14	110	<10	<0.1	30	<1	<10	9	20	<5
L-CCR 75	9	236	30	<0.1	300	<1	10	20	34	45
L-CCR 76	2	156	10	<0.1	510	<1	170	14	139	44
*Rep L-CCR 76	2	153	20	<0.1	480	<1	170	13	147	45
L-CCR 77	7	155	<10	<0.1	100	<1	<10	11	22	38
L-CCR 78	10	201	<10	<0.1	160	<1	<10	16	11	55
L-CCR 79	7	97	<10	<0.1	230	<1	<10	2	<5	41
L-CCR 80	28	135	<10	<0.1	80	<1	<10	16	25	42
L-CCR 81	18	224	<10	<0.1	130	<1	<10	15	23	14
L-CCR 82	13	69	40	<0.1	700	<1	160	163	143	38
L-CCR 83	13	216	<10	<0.1	200	<1	<10	18	9	22
L-CCR 84	<1	184	<10	<0.1	800	<1	30	13	<5	66
L-CCR 85	1	230	<10	<0.1	170	<1	<10	5	<5	69
L-CCR 86	5	217	<10	<0.1	140	<1	<10	4	7	18
L-CCR 87	<1	261	<10	<0.1	180	<1	<10	3	<5	7
L-CCR 88	5	223	<10	<0.1	110	<1	<10	2	7	12
*Rep L-CCR 88	5	218	<10	<0.1	120	<1	<10	1	9	11
*Std MMISRM16	19	49	20	27.8	60	<1	240	4	19	60
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-BR1 1	<100	120	3	3.4	<0.5	29	1	1	<5	<1
*Rep L-BR1 1	<100	130	7	4.9	0.7	18	3	2	<5	<1
L-BR1 2	<100	170	6	5.1	<0.5	54	2	3	<5	<1
L-BR1 3	<100	330	2	2.1	<0.5	89	<1	2	<5	<1
L-BR1 4	<100	340	25	12.8	4.6	78	17	25	<5	<1
L-BR1 5	<100	250	<1	<0.5	<0.5	91	<1	2	<5	<1
L-BR1 6	<100	410	117	70.4	18.6	16	82	29	<5	9
L-BR1 7	<100	290	4	3.6	0.6	66	2	7	<5	<1
L-BR1 8	<100	50	1	1.3	<0.5	205	<1	5	<5	2
L-BR1 9	<100	560	96	52.4	12.9	3	58	16	<5	2
L-BR1 10	<100	210	7	7.6	<0.5	43	2	2	<5	3
L-BR1 11	<100	230	54	36.2	12.0	16	50	42	<5	<1
L-BR1 12	<100	300	9	6.3	0.9	61	4	6	<5	<1
L-BR1 13	<100	290	3	2.7	0.6	91	2	6	<5	<1
*Rep L-BR1 13	<100	290	2	2.3	<0.5	96	1	5	<5	<1
L-BR1 14	<100	430	8	4.2	1.7	171	5	13	<5	2
L-BR1 15	<100	170	30	13.0	10.3	29	44	61	<5	<1
L-BR1 16	<100	240	8	3.8	1.3	100	5	8	<5	1
L-BR1 17	<100	160	57	23.2	24.2	47	92	150	<5	<1
L-BR1 18	<100	340	63	29.4	11.8	132	53	41	<5	<1
L-BR1 19	<100	280	100	35.7	33.6	54	132	192	<5	1
L-BR1 20	<100	90	6	4.7	1.0	128	4	10	<5	1
L-BR1 21	<100	200	11	5.7	2.8	247	10	22	<5	2
L-CCR 73	<100	90	1	2.0	<0.5	41	<1	<1	<5	2
L-CCR 74	<100	170	10	5.9	1.9	12	8	6	<5	<1
L-CCR 75	<100	520	21	14.2	2.7	160	11	13	<5	2
L-CCR 76	<100	290	40	17.4	14.7	24	56	72	<5	8
*Rep L-CCR 76	<100	300	40	17.5	16.0	21	58	76	<5	8
L-CCR 77	<100	30	20	12.0	3.0	13	13	5	<5	1
L-CCR 78	<100	120	11	9.8	1.2	25	5	5	<5	2
L-CCR 79	<100	40	<1	1.7	<0.5	20	<1	<1	<5	2
L-CCR 80	<100	260	18	9.8	3.0	26	13	9	<5	<1
L-CCR 81	<100	170	5	3.4	1.0	56	3	10	<5	<1
L-CCR 82	<100	920	29	12.6	12.6	34	45	84	<5	6
L-CCR 83	<100	320	4	4.1	<0.5	88	2	5	<5	<1
L-CCR 84	<100	10	<1	<0.5	<0.5	98	<1	2	<5	15
L-CCR 85	<100	10	<1	0.5	<0.5	63	<1	<1	<5	4
L-CCR 86	<100	170	1	1.9	<0.5	94	<1	4	<5	<1
L-CCR 87	<100	50	<1	<0.5	<0.5	83	<1	2	<5	3
L-CCR 88	<100	110	<1	1.0	<0.5	74	<1	3	<5	<1
*Rep L-CCR 88	<100	120	<1	1.0	<0.5	90	<1	4	<5	<1
*Std MMISRM16	<100	630	2	0.9	1.2	2	5	5	<5	36
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-BR1 1	<5	0.9	3	25	150	<1	<1	<1	128	<1
*Rep L-BR1 1	<5	<0.5	6	22	200	<1	1	<1	163	<1
L-BR1 2	<5	0.5	3	34	100	<1	<1	<1	35	<1
L-BR1 3	<5	1.7	2	59	30	<1	<1	<1	43	<1
L-BR1 4	<5	1.9	45	37	190	<1	10	<1	129	<1
L-BR1 5	<5	0.6	1	66	<10	<1	<1	<1	22	<1
L-BR1 6	<5	0.6	150	103	160	<1	22	<1	309	<1
L-BR1 7	<5	0.9	8	64	180	<1	2	<1	134	<1
L-BR1 8	<5	15.7	4	86	60	<1	1	<1	52	<1
L-BR1 9	<5	<0.5	93	39	370	<1	14	<1	287	<1
L-BR1 10	<5	<0.5	4	66	90	<1	<1	<1	61	<1
L-BR1 11	5	<0.5	134	49	180	<1	22	<1	174	<1
L-BR1 12	<5	0.6	10	39	220	<1	2	<1	146	<1
L-BR1 13	<5	0.8	6	53	130	<1	1	<1	102	<1
*Rep L-BR1 13	<5	0.8	5	50	90	<1	1	<1	95	<1
L-BR1 14	<5	3.0	15	54	180	<1	3	<1	161	<1
L-BR1 15	<5	<0.5	140	44	170	<1	27	<1	166	<1
L-BR1 16	<5	1.7	14	46	140	<1	3	<1	160	<1
L-BR1 17	<5	1.6	334	26	270	<1	66	<1	122	1
L-BR1 18	<5	2.2	117	93	590	<1	21	<1	60	1
L-BR1 19	6	2.6	433	29	250	<1	85	<1	113	2
L-BR1 20	<5	1.1	11	39	330	<1	2	<1	34	<1
L-BR1 21	5	2.1	33	37	210	<1	7	<1	130	2
L-CCR 73	<5	<0.5	<1	50	<10	<1	<1	<1	21	<1
L-CCR 74	<5	<0.5	22	5	280	<1	4	<1	134	<1
L-CCR 75	17	7.5	27	41	300	<1	5	<1	95	<1
L-CCR 76	22	0.9	147	46	190	<1	28	<1	187	<1
*Rep L-CCR 76	21	0.8	160	52	190	<1	31	<1	180	<1
L-CCR 77	<5	<0.5	22	125	100	<1	4	<1	157	<1
L-CCR 78	<5	<0.5	10	66	140	<1	2	<1	348	<1
L-CCR 79	<5	<0.5	<1	41	10	<1	<1	<1	176	<1
L-CCR 80	9	<0.5	27	46	310	<1	5	<1	278	<1
L-CCR 81	<5	1.0	13	22	290	<1	3	<1	188	<1
L-CCR 82	25	0.6	162	46	80	<1	32	<1	199	1
L-CCR 83	<5	1.3	6	22	80	<1	1	<1	108	<1
L-CCR 84	<5	<0.5	1	134	<10	<1	<1	<1	14	<1
L-CCR 85	<5	<0.5	<1	31	<10	<1	<1	<1	73	<1
L-CCR 86	<5	3.5	4	71	30	<1	<1	<1	83	<1
L-CCR 87	<5	2.8	1	90	<10	<1	<1	<1	31	<1
L-CCR 88	<5	1.6	3	80	20	<1	<1	<1	70	<1
*Rep L-CCR 88	<5	2.4	4	82	20	<1	<1	<1	81	<1
*Std MMISRM16	47	<0.5	17	200	100	29	3	<1	326	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-BR1 1	15	<1	<1	30	1	<1	<10	1.4	44	1.1
*Rep L-BR1 1	18	2	<1	10	<1	<1	<10	1.1	10	<0.5
L-BR1 2	18	<1	<1	40	<1	<1	<10	2.2	165	<0.5
L-BR1 3	11	<1	<1	40	<1	<1	<10	1.9	568	<0.5
L-BR1 4	59	16	<1	20	<1	4	<10	9.0	888	<0.5
L-BR1 5	9	<1	<1	60	<1	<1	<10	0.7	230	<0.5
L-BR1 6	79	51	<1	570	<1	17	<10	2.2	248	<0.5
L-BR1 7	18	2	<1	50	<1	<1	<10	3.1	200	<0.5
L-BR1 8	20	<1	1	160	<1	<1	<10	4.1	2340	<0.5
L-BR1 9	71	35	<1	80	<1	13	<10	1.1	14	<0.5
L-BR1 10	17	1	<1	240	<1	<1	<10	0.8	84	<0.5
L-BR1 11	39	36	<1	20	<1	8	<10	2.9	73	<0.5
L-BR1 12	20	3	<1	50	<1	<1	<10	2.2	201	<0.5
L-BR1 13	14	1	<1	50	<1	<1	<10	2.8	396	<0.5
*Rep L-BR1 13	12	1	<1	50	<1	<1	<10	2.4	378	<0.5
L-BR1 14	23	4	<1	90	<1	1	<10	7.1	2390	<0.5
L-BR1 15	39	37	<1	30	<1	6	<10	8.4	302	<0.5
L-BR1 16	26	4	<1	40	<1	<1	<10	6.0	1410	<0.5
L-BR1 17	49	83	<1	40	<1	12	<10	8.0	1380	<0.5
L-BR1 18	33	39	<1	30	<1	10	<10	11.7	1090	<0.5
L-BR1 19	38	124	<1	40	<1	20	<10	12.1	1010	<0.5
L-BR1 20	12	3	<1	50	<1	<1	<10	4.9	437	<0.5
L-BR1 21	22	9	<1	120	<1	2	<10	10.4	718	<0.5
L-CCR 73	13	<1	<1	60	<1	<1	<10	<0.5	213	<0.5
L-CCR 74	27	6	<1	<10	<1	1	<10	0.6	17	<0.5
L-CCR 75	37	8	<1	110	<1	3	<10	5.0	3220	<0.5
L-CCR 76	34	44	<1	310	<1	8	<10	8.4	354	<0.5
*Rep L-CCR 76	33	48	<1	310	<1	8	<10	9.1	305	<0.5
L-CCR 77	36	8	<1	40	<1	3	<10	<0.5	21	<0.5
L-CCR 78	27	3	<1	50	<1	1	<10	1.0	120	<0.5
L-CCR 79	10	<1	<1	60	<1	<1	<10	<0.5	16	<0.5
L-CCR 80	30	9	<1	10	<1	2	<10	2.1	59	<0.5
L-CCR 81	30	3	<1	10	<1	<1	<10	3.1	562	<0.5
L-CCR 82	22	43	<1	670	<1	6	<10	9.7	206	<0.5
L-CCR 83	22	1	<1	70	<1	<1	<10	2.5	516	<0.5
L-CCR 84	12	<1	<1	330	<1	<1	<10	<0.5	67	<0.5
L-CCR 85	15	<1	<1	110	<1	<1	<10	<0.5	170	<0.5
L-CCR 86	12	<1	<1	30	<1	<1	<10	2.1	1570	<0.5
L-CCR 87	7	<1	<1	110	<1	<1	<10	3.1	821	<0.5
L-CCR 88	7	<1	<1	20	<1	<1	<10	1.7	550	<0.5
*Rep L-CCR 88	6	<1	<1	20	<1	<1	<10	2.1	859	<0.5
*Std MMISRM16	10	6	<1	480	<1	<1	<10	24.7	5	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102659 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-BR1 1	3	2	17	3	110	<5
*Rep L-BR1 1	3	<1	35	4	110	<5
L-BR1 2	2	<1	31	4	160	5
L-BR1 3	1	<1	10	2	140	15
L-BR1 4	7	<1	82	10	280	52
L-BR1 5	1	<1	<5	<1	60	<5
L-BR1 6	34	<1	758	45	760	10
L-BR1 7	3	<1	19	3	100	9
L-BR1 8	3	<1	7	1	270	27
L-BR1 9	15	<1	489	35	300	<5
L-BR1 10	2	<1	43	6	220	<5
L-BR1 11	31	<1	481	25	280	8
L-BR1 12	3	<1	44	5	350	9
L-BR1 13	2	<1	15	3	200	11
*Rep L-BR1 13	2	<1	11	2	180	12
L-BR1 14	4	<1	31	3	410	39
L-BR1 15	5	<1	143	8	150	17
L-BR1 16	2	<1	35	3	160	28
L-BR1 17	5	<1	286	15	250	31
L-BR1 18	7	<1	278	19	960	44
L-BR1 19	5	<1	355	22	490	44
L-BR1 20	3	<1	30	4	290	21
L-BR1 21	5	<1	43	4	440	20
L-CCR 73	<1	<1	6	2	90	<5
L-CCR 74	3	<1	52	4	50	<5
L-CCR 75	7	<1	111	10	380	25
L-CCR 76	9	<1	207	10	450	33
*Rep L-CCR 76	9	<1	198	11	460	35
L-CCR 77	2	<1	109	8	130	<5
L-CCR 78	5	<1	67	8	270	6
L-CCR 79	<1	<1	<5	2	60	<5
L-CCR 80	6	<1	91	7	160	16
L-CCR 81	5	<1	21	3	140	15
L-CCR 82	11	<1	133	9	2180	14
L-CCR 83	2	<1	19	4	290	11
L-CCR 84	<1	<1	<5	<1	90	<5
L-CCR 85	<1	<1	<5	1	70	<5
L-CCR 86	3	<1	8	3	80	6
L-CCR 87	4	<1	<5	<1	70	8
L-CCR 88	3	<1	<5	2	30	5
*Rep L-CCR 88	3	<1	<5	2	20	8
*Std MMISRM16	44	<1	11	<1	240	12
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102660

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

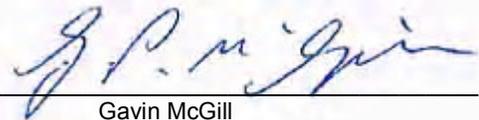
Date: Sep 30, 2008

P.O. No. :
Project No. : E. WOMO
No. Of Samples 64
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 64 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-WEST 1	3	288	10	<0.1	360	<1	30	14	8	55
*Rep L-WEST 1	3	286	10	<0.1	360	<1	30	11	7	50
L-WEST 2	<1	>300	<10	<0.1	520	<1	30	6	<5	23
L-WEST 3	4	>300	30	<0.1	750	<1	50	18	83	60
L-WEST 4	8	269	30	<0.1	810	<1	50	15	84	25
L-WEST 5	<1	264	20	<0.1	680	<1	190	26	23	51
L-WEST 6	8	188	20	<0.1	420	<1	250	34	43	21
L-WEST 7	4	>300	20	<0.1	320	<1	<10	6	21	13
L-WEST 8	<1	>300	<10	<0.1	630	<1	20	6	8	11
L-WEST 9	3	>300	20	<0.1	980	<1	60	54	54	327
L-WEST 10	2	252	10	<0.1	770	1	110	56	16	85
L-WEST 11	3	>300	20	<0.1	610	<1	30	35	26	181
L-WEST 12	11	>300	30	<0.1	550	<1	70	59	38	72
L-WEST 13	5	>300	<10	<0.1	190	<1	10	5	<5	12
*Rep L-WEST 13	5	>300	<10	<0.1	190	<1	10	4	<5	12
L-WEST 14	2	114	20	<0.1	90	2	80	27	7	7
L-WEST 15	6	253	<10	<0.1	170	<1	<10	3	8	10
L-WEST 16	2	160	<10	<0.1	160	4	290	55	<5	26
L-WEST 17	<1	122	<10	<0.1	330	<1	120	22	8	27
L-WEST 18	1	>300	10	<0.1	470	<1	30	8	16	90
L-WEST 19	<1	>300	20	<0.1	790	1	70	15	18	88
L-WEST 20	6	272	10	<0.1	420	<1	60	27	58	23
L-WEST 21	1	150	<10	<0.1	540	<1	150	113	20	19
L-WEST 22	2	290	20	<0.1	290	<1	30	9	<5	36
L-WEST 23	2	272	<10	<0.1	470	<1	40	24	9	81
L-WEST 24	3	>300	<10	<0.1	320	<1	30	3	12	63
L-WEST 25	3	175	50	<0.1	370	<1	260	10	75	99
*Rep L-WEST 25	3	161	50	<0.1	360	<1	250	13	55	96
L-TWO PITS 21	<1	>300	<10	<0.1	270	<1	20	3	8	53
L-TWO PITS 22	2	>300	10	<0.1	370	<1	10	3	19	24
L-TWO PITS 23	13	264	<10	<0.1	140	<1	<10	31	13	16
L-TWO PITS 24	4	>300	60	<0.1	940	1	60	37	58	36
L-TWO PITS 25	3	>300	10	<0.1	360	<1	20	10	31	39
L-TWO PITS 26	1	>300	<10	<0.1	280	<1	10	4	<5	28
L-TWO PITS 27	<1	249	<10	<0.1	210	1	30	20	<5	45
L-TWO PITS 28	3	>300	10	<0.1	620	<1	30	13	10	70
L-TWO PITS 29	6	259	10	<0.1	450	<1	20	28	43	106
L-TWO PITS 30	5	>300	90	<0.1	1600	1	40	8	129	53
L-TWO PITS 31	6	277	<10	<0.1	1390	<1	290	49	39	14
L-TWO PITS 32	12	292	<10	<0.1	370	2	20	195	75	54
*Rep L-TWO PITS 32	13	>300	10	<0.1	360	2	20	183	84	53
L-TWO PITS 33	4	190	<10	<0.1	410	<1	150	124	91	14
L-TWO PITS 34	3	292	20	<0.1	500	<1	40	29	31	69

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-TWO PITS 35	2	>300	<10	<0.1	470	<1	50	11	<5	42
L-TWO PITS 36	2	>300	<10	<0.1	210	<1	10	2	7	17
L-TWO PITS 37	<1	>300	<10	<0.1	1480	<1	60	15	<5	81
L-TWO PITS 38	4	257	<10	<0.1	250	<1	20	7	13	28
L-TWO PITS 39	15	>300	20	<0.1	370	<1	<10	72	39	119
L-TWO PITS 40	8	>300	<10	<0.1	370	<1	<10	6	10	41
L-BR2 37	6	>300	10	<0.1	230	<1	20	91	11	22
L-BR2 38	1	>300	10	<0.1	360	<1	10	14	<5	18
L-BR2 39	2	206	30	<0.1	350	<1	<10	23	14	187
L-BR2 40	14	102	<10	<0.1	90	<1	<10	28	42	15
*Rep L-BR2 40	14	NVL	<10	<0.1	70	<1	<10	27	42	13
L-BR2 41	<1	234	<10	<0.1	170	<1	20	4	<5	15
L-BR2 42	<1	>300	<10	<0.1	220	<1	<10	11	<5	29
L-BR2 43	7	>300	<10	<0.1	430	<1	10	16	<5	16
L-BR2 44	9	>300	10	<0.1	230	<1	<10	23	20	51
L-BR2 45	4	289	90	<0.1	190	<1	<10	5	18	7
L-BR2 46	4	227	<10	<0.1	70	<1	<10	7	<5	23
L-BR2 47	15	285	<10	<0.1	90	<1	<10	27	13	20
L-BR2 48	2	173	<10	<0.1	190	<1	30	8	59	121
L-BR2 49	1	>300	<10	<0.1	140	<1	<10	7	<5	27
L-BR2 50	58	>300	40	<0.1	120	<1	<10	15	80	35
L-BR2 51	6	234	<10	<0.1	40	<1	<10	22	14	8
L-BR2 52	3	>300	60	<0.1	650	<1	<10	3	98	45
*Rep L-BR2 52	3	>300	70	<0.1	680	<1	<10	2	111	47
L-BR2 53	10	>300	50	<0.1	270	<1	<10	41	40	22
L-BR2 54	6	>300	<10	<0.1	150	<1	10	12	<5	17
L-BR2 55	<1	164	<10	<0.1	120	<1	<10	<1	<5	8
*Std MMISRM16	14	48	20	19.4	80	<1	230	3	27	52
*Std MMISRM16	14	48	20	19.9	80	<1	240	3	27	54
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-WEST 1	<100	190	2	1.9	<0.5	160	<1	4	<5	11
*Rep L-WEST 1	<100	150	1	1.4	<0.5	168	<1	3	<5	10
L-WEST 2	<100	50	<1	0.6	<0.5	103	<1	2	<5	8
L-WEST 3	<100	340	31	17.0	6.7	105	25	20	<5	8
L-WEST 4	<100	340	41	23.7	7.4	106	27	19	<5	5
L-WEST 5	<100	240	16	10.7	2.6	103	10	8	<5	11
L-WEST 6	<100	380	25	13.5	4.7	27	18	13	<5	5
L-WEST 7	<100	110	3	2.0	0.8	129	2	10	<5	3
L-WEST 8	<100	20	<1	0.5	<0.5	148	<1	4	5	5
L-WEST 9	<100	870	11	8.0	2.5	276	9	28	6	15
L-WEST 10	<100	510	5	3.2	1.4	182	5	9	<5	13
L-WEST 11	<100	370	21	15.2	1.9	93	9	8	7	8
L-WEST 12	<100	600	16	9.4	2.4	320	9	14	<5	15
L-WEST 13	<100	120	<1	<0.5	<0.5	173	<1	1	6	5
*Rep L-WEST 13	<100	120	<1	<0.5	<0.5	180	<1	1	7	5
L-WEST 14	<100	130	1	0.8	<0.5	36	1	2	<5	13
L-WEST 15	<100	120	2	1.6	<0.5	139	1	4	<5	2
L-WEST 16	<100	290	1	1.0	<0.5	58	1	1	<5	52
L-WEST 17	<100	360	12	10.1	1.0	164	4	2	<5	4
L-WEST 18	<100	270	3	5.0	<0.5	111	2	6	<5	5
L-WEST 19	<100	130	4	3.6	0.7	165	2	5	8	12
L-WEST 20	<100	310	30	17.0	6.0	70	21	16	<5	4
L-WEST 21	<100	390	36	31.9	2.8	38	12	4	<5	11
L-WEST 22	<100	60	<1	0.6	<0.5	252	<1	1	9	14
L-WEST 23	<100	260	7	6.8	0.8	136	3	4	<5	17
L-WEST 24	<100	140	2	2.3	<0.5	85	1	4	<5	4
L-WEST 25	<100	280	12	6.4	3.0	184	11	9	<5	15
*Rep L-WEST 25	<100	260	12	6.8	2.9	166	10	8	<5	14
L-TWO PITS 21	<100	60	2	2.1	<0.5	96	1	4	6	7
L-TWO PITS 22	<100	80	2	1.2	0.6	159	2	9	<5	4
L-TWO PITS 23	<100	260	4	3.4	0.6	41	2	5	<5	<1
L-TWO PITS 24	<100	230	22	12.5	5.1	218	18	17	<5	7
L-TWO PITS 25	<100	150	7	5.1	1.4	138	5	13	<5	2
L-TWO PITS 26	<100	60	<1	1.4	<0.5	68	<1	<1	<5	5
L-TWO PITS 27	<100	70	<1	0.9	<0.5	52	<1	<1	<5	12
L-TWO PITS 28	<100	150	3	3.7	<0.5	166	1	3	6	7
L-TWO PITS 29	<100	580	21	17.3	3.0	141	11	21	<5	2
L-TWO PITS 30	<100	1310	21	11.4	5.5	208	19	37	<5	3
L-TWO PITS 31	<100	260	28	17.2	6.0	64	24	15	<5	23
L-TWO PITS 32	<100	2650	92	47.4	13.2	42	51	22	<5	2
*Rep L-TWO PITS 32	<100	2350	88	45.3	13.0	48	50	25	<5	2
L-TWO PITS 33	<100	340	37	24.5	5.9	60	23	10	<5	12
L-TWO PITS 34	<100	200	11	7.7	1.8	163	6	13	<5	7

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-TWO PITS 35	<100	60	<1	<0.5	<0.5	119	<1	<1	7	18
L-TWO PITS 36	<100	70	1	1.2	<0.5	71	<1	3	<5	7
L-TWO PITS 37	<100	20	<1	<0.5	<0.5	70	<1	2	8	34
L-TWO PITS 38	<100	180	2	1.6	0.5	98	2	5	<5	4
L-TWO PITS 39	<100	440	8	6.4	1.6	125	5	15	<5	2
L-TWO PITS 40	<100	180	1	0.8	<0.5	167	1	4	<5	3
L-BR2 37	<100	850	4	3.6	0.5	150	2	5	<5	3
L-BR2 38	<100	20	<1	<0.5	<0.5	219	<1	2	7	5
L-BR2 39	<100	290	1	1.3	<0.5	425	1	5	<5	5
L-BR2 40	<100	220	15	7.7	3.9	16	13	15	<5	1
*Rep L-BR2 40	<100	190	14	7.7	3.7	13	12	14	<5	<1
L-BR2 41	<100	30	2	2.7	<0.5	47	<1	1	<5	10
L-BR2 42	<100	60	<1	<0.5	<0.5	130	<1	2	5	7
L-BR2 43	<100	100	<1	<0.5	<0.5	120	<1	2	<5	6
L-BR2 44	<100	230	3	1.7	0.7	152	2	7	<5	2
L-BR2 45	<100	140	3	1.9	0.7	164	2	8	<5	<1
L-BR2 46	<100	170	1	1.1	<0.5	103	<1	2	<5	2
L-BR2 47	<100	190	19	13.4	1.7	38	7	5	<5	<1
L-BR2 48	<100	360	7	4.2	2.0	180	6	14	<5	2
L-BR2 49	<100	230	2	2.2	<0.5	91	<1	2	<5	4
L-BR2 50	<100	320	24	11.7	4.7	90	16	31	<5	<1
L-BR2 51	<100	710	9	7.0	1.0	14	4	5	<5	<1
L-BR2 52	<100	310	20	11.2	5.2	219	17	44	<5	1
*Rep L-BR2 52	<100	320	20	11.0	5.8	239	18	49	<5	1
L-BR2 53	<100	730	10	6.2	1.9	182	6	16	<5	2
L-BR2 54	<100	310	4	3.2	<0.5	57	1	1	<5	4
L-BR2 55	<100	10	<1	<0.5	<0.5	286	<1	1	<5	2
*Std MMISRM16	<100	530	2	0.9	1.4	3	5	6	<5	39
*Std MMISRM16	<100	550	3	1.0	1.4	6	5	6	<5	41
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-WEST 1	<5	6.3	4	109	50	<1	<1	<1	23	<1
*Rep L-WEST 1	<5	6.5	3	100	30	<1	<1	<1	23	<1
L-WEST 2	<5	3.4	2	35	<10	<1	<1	<1	28	<1
L-WEST 3	<5	4.5	54	108	290	<1	10	<1	67	<1
L-WEST 4	<5	13.8	56	103	280	<1	11	<1	127	<1
L-WEST 5	<5	3.2	17	50	300	<1	3	<1	13	<1
L-WEST 6	<5	2.2	31	106	190	<1	6	<1	195	<1
L-WEST 7	<5	4.4	10	20	60	<1	3	<1	70	<1
L-WEST 8	<5	1.1	3	42	<10	<1	<1	<1	35	<1
L-WEST 9	<5	3.9	29	238	90	<1	7	<1	90	<1
L-WEST 10	<5	12.2	16	106	130	<1	4	<1	101	<1
L-WEST 11	<5	2.3	15	56	240	<1	3	<1	131	<1
L-WEST 12	7	7.6	21	119	550	<1	5	<1	18	<1
L-WEST 13	<5	5.2	1	66	10	<1	<1	<1	30	<1
*Rep L-WEST 13	<5	5.5	1	68	<10	<1	<1	<1	28	<1
L-WEST 14	<5	14.3	5	47	230	<1	1	<1	102	<1
L-WEST 15	<5	2.8	4	36	20	<1	1	<1	84	<1
L-WEST 16	<5	0.6	4	196	490	<1	<1	<1	213	<1
L-WEST 17	12	0.9	6	61	40	<1	1	<1	33	<1
L-WEST 18	<5	5.3	6	47	20	<1	2	<1	12	<1
L-WEST 19	<5	14.5	7	56	60	<1	2	<1	20	<1
L-WEST 20	<5	2.6	46	98	210	<1	9	<1	176	<1
L-WEST 21	<5	0.8	14	71	50	<1	2	<1	176	<1
L-WEST 22	<5	16.5	1	46	10	<1	<1	<1	47	<1
L-WEST 23	<5	6.6	6	55	140	<1	1	<1	7	<1
L-WEST 24	<5	16.0	4	67	20	<1	1	<1	64	<1
L-WEST 25	5	6.5	21	95	110	<1	4	<1	155	1
*Rep L-WEST 25	5	5.6	19	84	90	<1	4	<1	146	1
L-TWO PITS 21	<5	6.8	4	58	10	<1	1	<1	29	<1
L-TWO PITS 22	<5	8.1	8	183	10	<1	2	<1	53	<1
L-TWO PITS 23	<5	2.2	6	28	160	<1	2	<1	105	<1
L-TWO PITS 24	17	20.3	39	105	250	<1	7	<1	95	2
L-TWO PITS 25	<5	9.1	14	71	40	<1	4	<1	119	<1
L-TWO PITS 26	<5	1.3	<1	16	10	<1	<1	<1	52	<1
L-TWO PITS 27	<5	5.4	1	57	100	<1	<1	<1	85	<1
L-TWO PITS 28	<5	8.9	4	73	30	<1	<1	<1	26	<1
L-TWO PITS 29	<5	5.4	29	49	80	<1	7	<1	11	<1
L-TWO PITS 30	6	9.8	53	80	280	<1	13	<1	72	2
L-TWO PITS 31	<5	1.9	44	84	240	<1	8	<1	10	<1
L-TWO PITS 32	16	7.1	76	44	590	<1	14	<1	23	3
*Rep L-TWO PITS 32	16	9.4	78	46	550	<1	15	<1	24	3
L-TWO PITS 33	<5	3.2	35	102	90	<1	6	<1	77	<1
L-TWO PITS 34	<5	7.7	17	59	150	<1	4	<1	96	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-TWO PITS 35	<5	0.8	<1	38	<10	<1	<1	<1	13	<1
L-TWO PITS 36	<5	1.0	4	20	20	<1	<1	<1	156	<1
L-TWO PITS 37	<5	1.4	2	54	<10	<1	<1	<1	7	<1
L-TWO PITS 38	<5	0.9	5	97	30	<1	1	<1	105	<1
L-TWO PITS 39	<5	4.0	17	86	210	<1	4	<1	140	<1
L-TWO PITS 40	<5	5.3	4	86	20	<1	1	<1	46	<1
L-BR2 37	<5	2.2	6	105	130	<1	1	<1	58	<1
L-BR2 38	<5	2.7	2	27	<10	<1	<1	<1	52	<1
L-BR2 39	<5	6.7	4	187	30	<1	1	<1	49	1
L-BR2 40	<5	<0.5	38	29	250	<1	7	<1	368	<1
*Rep L-BR2 40	<5	<0.5	38	25	250	<1	7	<1	336	<1
L-BR2 41	<5	0.5	1	17	40	<1	<1	<1	69	<1
L-BR2 42	<5	2.9	2	77	<10	<1	<1	<1	22	<1
L-BR2 43	<5	1.3	2	42	<10	<1	<1	<1	33	<1
L-BR2 44	19	2.6	8	85	30	<1	2	<1	45	<1
L-BR2 45	7	3.8	9	81	40	<1	2	<1	60	<1
L-BR2 46	<5	<0.5	2	48	20	<1	<1	<1	50	<1
L-BR2 47	<5	0.6	11	25	210	<1	2	<1	28	<1
L-BR2 48	10	2.1	20	118	30	<1	5	<1	31	<1
L-BR2 49	<5	2.2	2	47	50	<1	<1	<1	43	<1
L-BR2 50	9	5.6	45	25	260	<1	10	<1	243	1
L-BR2 51	<5	<0.5	9	24	220	<1	2	<1	92	<1
L-BR2 52	<5	10.4	55	58	160	<1	13	<1	244	3
*Rep L-BR2 52	<5	11.5	61	58	160	<1	15	<1	233	4
L-BR2 53	<5	14.5	18	92	220	<1	4	<1	113	1
L-BR2 54	<5	2.5	2	60	90	<1	<1	<1	48	<1
L-BR2 55	<5	1.7	1	182	<10	<1	<1	<1	45	<1
*Std MMISRM16	39	<0.5	22	186	100	21	4	<1	337	<1
*Std MMISRM16	41	<0.5	22	191	100	21	4	<1	351	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-WEST 1	20	<1	<1	350	<1	<1	<10	3.3	2340	<0.5
*Rep L-WEST 1	16	<1	<1	340	<1	<1	<10	3.0	2560	<0.5
L-WEST 2	17	<1	<1	340	<1	<1	<10	2.0	571	<0.5
L-WEST 3	31	16	<1	390	<1	5	<10	5.1	3160	<0.5
L-WEST 4	37	18	1	340	<1	6	<10	4.4	3270	<0.5
L-WEST 5	30	6	<1	880	<1	2	<10	4.4	1300	<0.5
L-WEST 6	23	11	<1	840	<1	4	<10	2.5	419	<0.5
L-WEST 7	23	2	<1	90	<1	<1	<10	4.3	2030	<0.5
L-WEST 8	13	<1	<1	270	<1	<1	<10	2.0	351	<0.5
L-WEST 9	52	7	<1	630	<1	2	<10	8.3	1840	<0.5
L-WEST 10	23	4	1	880	<1	<1	<10	4.7	2650	<0.5
L-WEST 11	29	5	<1	370	<1	3	<10	3.8	1370	<0.5
L-WEST 12	50	6	<1	200	<1	2	<10	9.4	2780	<0.5
L-WEST 13	12	<1	<1	80	<1	<1	<10	2.7	965	<0.5
*Rep L-WEST 13	11	<1	<1	80	<1	<1	<10	2.7	956	<0.5
L-WEST 14	26	1	2	140	<1	<1	<10	4.6	1880	<0.5
L-WEST 15	18	1	<1	50	<1	<1	<10	2.8	748	<0.5
L-WEST 16	17	<1	<1	440	<1	<1	<10	3.4	205	1.7
L-WEST 17	18	2	<1	440	<1	1	<10	1.5	75	<0.5
L-WEST 18	30	1	<1	260	<1	<1	<10	3.9	1880	<0.5
L-WEST 19	32	2	2	450	<1	<1	<10	6.1	3530	<0.5
L-WEST 20	40	15	<1	320	<1	5	<10	5.3	851	<0.5
L-WEST 21	37	6	<1	1200	<1	4	<10	1.8	179	<0.5
L-WEST 22	14	<1	2	270	<1	<1	<10	3.5	2700	<0.5
L-WEST 23	28	2	1	350	<1	<1	<10	4.0	6070	<0.5
L-WEST 24	14	<1	1	330	1	<1	<10	2.9	1610	<0.5
L-WEST 25	38	7	<1	1050	<1	2	<10	3.6	1800	<0.5
*Rep L-WEST 25	40	7	<1	1050	<1	2	<10	3.3	1590	<0.5
L-TWO PITS 21	22	<1	<1	240	<1	<1	<10	3.6	1990	<0.5
L-TWO PITS 22	15	2	<1	140	<1	<1	<10	4.0	1800	<0.5
L-TWO PITS 23	24	2	<1	30	<1	<1	<10	2.0	582	<0.5
L-TWO PITS 24	34	12	2	430	1	4	<10	9.9	7420	<0.5
L-TWO PITS 25	17	4	<1	140	<1	1	<10	5.1	1420	<0.5
L-TWO PITS 26	21	<1	<1	220	<1	<1	<10	2.1	420	<0.5
L-TWO PITS 27	17	<1	<1	380	<1	<1	<10	4.1	1380	<0.5
L-TWO PITS 28	17	<1	<1	390	<1	<1	<10	4.1	2480	<0.5
L-TWO PITS 29	49	8	<1	220	<1	3	<10	6.8	813	0.6
L-TWO PITS 30	67	15	<1	700	<1	4	<10	19.9	4920	0.8
L-TWO PITS 31	32	15	<1	2250	<1	4	<10	4.4	636	<0.5
L-TWO PITS 32	101	30	<1	210	<1	14	<10	5.4	356	1.5
*Rep L-TWO PITS 32	98	30	<1	210	<1	13	<10	6.8	486	1.5
L-TWO PITS 33	71	14	<1	780	<1	5	<10	7.2	743	<0.5
L-TWO PITS 34	28	5	<1	290	<1	1	<10	7.8	2480	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-TWO PITS 35	13	<1	<1	420	<1	<1	<10	1.2	102	<0.5
L-TWO PITS 36	16	<1	<1	170	<1	<1	<10	2.2	321	<0.5
L-TWO PITS 37	14	<1	<1	1240	<1	<1	<10	1.7	246	<0.5
L-TWO PITS 38	14	1	<1	90	<1	<1	<10	2.9	289	<0.5
L-TWO PITS 39	25	5	<1	70	<1	1	<10	5.1	1930	<0.5
L-TWO PITS 40	9	<1	<1	80	<1	<1	<10	3.5	2160	<0.5
L-BR2 37	18	1	<1	110	<1	<1	<10	3.6	1030	<0.5
L-BR2 38	14	<1	<1	300	<1	<1	<10	2.1	795	<0.5
L-BR2 39	21	1	<1	120	<1	<1	<10	4.7	2640	<0.5
L-BR2 40	31	11	<1	30	<1	2	<10	1.2	20	<0.5
*Rep L-BR2 40	27	10	<1	20	<1	2	<10	0.8	3	<0.5
L-BR2 41	28	<1	<1	270	<1	<1	<10	1.3	78	<0.5
L-BR2 42	11	<1	<1	180	<1	<1	<10	1.9	315	<0.5
L-BR2 43	7	<1	<1	300	<1	<1	<10	1.6	221	<0.5
L-BR2 44	9	2	<1	160	<1	<1	<10	2.8	615	0.6
L-BR2 45	11	2	<1	60	<1	<1	<10	4.2	1210	<0.5
L-BR2 46	5	<1	<1	60	<1	<1	<10	0.8	127	<0.5
L-BR2 47	25	4	<1	30	<1	2	<10	2.1	352	<0.5
L-BR2 48	29	5	<1	150	<1	1	<10	3.5	649	<0.5
L-BR2 49	16	<1	<1	80	<1	<1	<10	2.2	836	<0.5
L-BR2 50	69	13	<1	<10	<1	4	<10	8.9	2370	0.5
L-BR2 51	15	3	<1	10	<1	1	<10	1.2	66	<0.5
L-BR2 52	53	14	<1	30	<1	3	<10	10.6	4240	0.9
*Rep L-BR2 52	56	16	<1	30	<1	3	<10	11.8	4760	0.8
L-BR2 53	32	5	<1	40	<1	2	<10	11.4	3330	<0.5
L-BR2 54	17	<1	<1	120	<1	<1	<10	1.5	699	<0.5
L-BR2 55	<5	<1	<1	20	<1	<1	<10	0.5	464	<0.5
*Std MMISRM16	12	6	<1	480	<1	<1	<10	24.0	7	<0.5
*Std MMISRM16	12	6	<1	480	<1	<1	<10	25.4	12	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102660 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-WEST 1	2	<1	12	2	330	21
*Rep L-WEST 1	2	<1	8	2	280	21
L-WEST 2	2	<1	<5	<1	120	15
L-WEST 3	4	<1	194	11	510	31
L-WEST 4	5	<1	254	16	710	36
L-WEST 5	5	<1	98	8	1100	23
L-WEST 6	9	<1	155	9	830	14
L-WEST 7	5	<1	14	2	90	33
L-WEST 8	2	<1	<5	<1	50	14
L-WEST 9	9	<1	58	9	1000	46
L-WEST 10	2	<1	36	3	2250	31
L-WEST 11	3	<1	135	12	1470	21
L-WEST 12	7	<1	82	7	1400	42
L-WEST 13	3	<1	<5	<1	60	30
*Rep L-WEST 13	3	<1	<5	<1	60	30
L-WEST 14	2	1	8	<1	700	30
L-WEST 15	3	<1	7	2	70	22
L-WEST 16	2	<1	8	1	6050	10
L-WEST 17	3	<1	96	7	1980	8
L-WEST 18	3	<1	21	7	420	20
L-WEST 19	5	<1	21	4	530	36
L-WEST 20	6	<1	193	12	1040	24
L-WEST 21	6	<1	252	25	3070	7
L-WEST 22	2	<1	<5	<1	260	34
L-WEST 23	3	<1	51	6	600	28
L-WEST 24	2	<1	12	3	100	43
L-WEST 25	5	<1	69	5	430	32
*Rep L-WEST 25	5	<1	73	5	410	28
L-TWO PITS 21	3	<1	11	2	140	34
L-TWO PITS 22	3	<1	9	1	90	36
L-TWO PITS 23	4	<1	19	3	100	17
L-TWO PITS 24	7	1	147	9	740	63
L-TWO PITS 25	5	<1	33	5	200	56
L-TWO PITS 26	2	<1	5	2	110	15
L-TWO PITS 27	1	<1	6	<1	1140	16
L-TWO PITS 28	5	<1	20	5	310	13
L-TWO PITS 29	7	<1	134	13	560	36
L-TWO PITS 30	16	1	103	8	200	132
L-TWO PITS 31	4	<1	218	12	580	11
L-TWO PITS 32	29	<1	499	31	430	55
*Rep L-TWO PITS 32	29	<1	469	30	490	71
L-TWO PITS 33	12	<1	238	19	810	34
L-TWO PITS 34	7	<1	59	6	520	29

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Final : TO102660 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-TWO PITS 35	2	<1	<5	<1	140	<5
L-TWO PITS 36	3	<1	6	2	70	11
L-TWO PITS 37	2	<1	<5	<1	280	5
L-TWO PITS 38	2	<1	10	2	160	13
L-TWO PITS 39	5	1	43	6	370	26
L-TWO PITS 40	5	<1	6	<1	60	15
L-BR2 37	10	<1	18	3	570	11
L-BR2 38	2	<1	<5	<1	190	14
L-BR2 39	5	<1	7	2	310	29
L-BR2 40	5	<1	86	6	290	7
*Rep L-BR2 40	5	<1	86	6	260	<5
L-BR2 41	3	<1	12	3	140	9
L-BR2 42	1	<1	<5	<1	100	12
L-BR2 43	2	<1	<5	<1	60	7
L-BR2 44	4	<1	14	2	110	23
L-BR2 45	6	<1	14	2	100	25
L-BR2 46	<1	<1	5	1	60	<5
L-BR2 47	2	<1	121	9	60	13
L-BR2 48	3	<1	40	3	180	18
L-BR2 49	2	<1	10	2	110	26
L-BR2 50	10	1	119	8	60	103
L-BR2 51	2	<1	58	5	230	8
L-BR2 52	11	<1	100	8	150	114
*Rep L-BR2 52	11	1	101	8	150	125
L-BR2 53	8	1	46	5	220	102
L-BR2 54	3	<1	25	2	200	18
L-BR2 55	<1	<1	<5	<1	<20	6
*Std MMISRM16	43	<1	12	<1	200	13
*Std MMISRM16	44	<1	13	<1	220	14
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102661

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

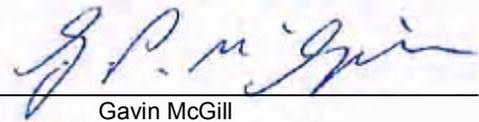
Date: Sep 30, 2008

P.O. No. :
Project No. : E. WOMO
No. Of Samples 48
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 48 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-72500N-2300E	8	249	10	<0.1	190	<1	<10	9	11	14
*Rep L-72500N-2300E	9	258	10	<0.1	190	<1	<10	10	11	14
L-72500N-2325E	4	227	20	<0.1	190	<1	<10	16	38	142
L-72500N-2350E	7	231	20	<0.1	220	<1	<10	25	45	84
L-72500N-2375E	14	208	20	<0.1	400	<1	20	15	193	184
L-72500N-2400E	8	>300	30	<0.1	270	<1	<10	7	72	33
L-72500N-2425E	8	236	10	<0.1	360	<1	20	9	13	41
L-72500N-2450E	1	243	<10	<0.1	320	<1	<10	3	9	14
L-72500N-2475E	21	247	20	<0.1	370	<1	40	31	143	176
L-72500N-2500E	<1	162	30	<0.1	400	<1	20	2	10	7
L-72500N-2525E	5	280	20	<0.1	270	<1	<10	14	24	77
L-72500N-2550E	2	>300	30	<0.1	700	1	60	29	40	215
L-72500N-2575E	2	>300	30	<0.1	970	2	60	7	23	76
L-72500N-2600E	2	240	10	<0.1	590	4	10	67	12	46
*Rep L-72500N-2600E	1	241	10	<0.1	570	4	<10	59	9	47
L-72500N-2625E	3	>300	30	<0.1	460	<1	<10	8	35	200
L-72500N-2675E	<1	246	120	<0.1	240	<1	30	13	10	97
L-72500N-2700E	2	242	<10	<0.1	420	<1	<10	7	<5	17
L-72500N-2725E	7	221	60	<0.1	610	<1	150	24	177	74
L-72500N-2750E	5	277	40	<0.1	460	<1	<10	8	12	40
L-72500N-2775E	3	290	60	<0.1	310	1	20	8	88	101
L-72500N-2800E	2	190	10	<0.1	450	<1	60	8	<5	19
L-72500N-2825E	2	252	20	<0.1	140	<1	<10	8	9	14
L-72500N-2850E	<1	285	20	<0.1	540	<1	20	27	34	46
L-72500N-2875E	9	>300	190	<0.1	570	3	20	5	42	71
L-72500N-2900E	1	123	10	<0.1	160	<1	50	14	41	63
L-72500N-2925E	2	>300	<10	<0.1	130	<1	110	4	<5	14
*Rep L-72500N-2925E	1	>300	<10	<0.1	150	<1	130	4	<5	15
L-72500N-2950E	<1	242	20	<0.1	330	1	30	8	<5	23
L-72500N-2975E	9	233	<10	<0.1	160	<1	<10	18	15	42
L-72500N-3000E	1	101	20	<0.1	350	<1	120	1	10	49
L-72500N-3025E	2	110	10	<0.1	540	<1	50	13	13	45
L-72500N-3050E	1	>300	10	<0.1	400	<1	<10	29	10	49
L-72000N-2700E	5	240	210	<0.1	750	<1	440	22	212	117
L-72000N-2725E	9	286	410	<0.1	700	<1	30	19	99	273
L-72000N-2750E	4	274	240	<0.1	670	<1	40	34	107	68
L-72000N-2775E	2	>300	230	<0.1	590	<1	40	21	44	365
L-72000N-2800E	1	106	110	<0.1	230	<1	160	3	14	180
L-72000N-2850E	<1	72	<10	<0.1	270	<1	320	24	12	16
L-72000N-2875E	<1	274	10	<0.1	370	<1	20	7	8	31
*Rep L-72000N-2875E	<1	265	10	<0.1	440	1	20	7	8	30
L-72000N-2900E	1	293	<10	<0.1	290	<1	<10	5	<5	54
L-72000N-2925E	2	184	<10	<0.1	150	<1	10	13	8	21

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-72000N-2950E	<1	179	20	<0.1	290	1	20	3	<5	10
L-72000N-2975E	<1	299	20	<0.1	700	3	40	14	11	118
L-72000N-3000E	<1	>300	<10	<0.1	320	<1	20	4	<5	22
L-72000N-3025E	<1	>300	40	<0.1	920	2	60	12	11	51
L-72000N-3050E	<1	136	<10	<0.1	60	2	130	21	<5	20
L-72000N-3075E	5	>300	20	<0.1	200	<1	160	13	99	279
L-72000N-3100E	38	112	<10	<0.1	100	<1	40	10	61	52
L-72000N-3125E	2	118	<10	<0.1	130	<1	300	31	69	23
L-72000N-3150E	6	229	50	<0.1	500	<1	130	10	70	47
*Std MMISRM16	18	47	20	26.4	80	<1	260	4	25	55
*Std MMISRM16	17	45	10	25.8	70	<1	240	4	23	53
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-72500N-2300E	<100	450	1	1.2	<0.5	121	1	5	<5	<1
*Rep L-72500N-2300E	<100	490	1	1.3	<0.5	113	1	5	<5	<1
L-72500N-2325E	<100	320	30	27.1	3.2	65	12	23	<5	<1
L-72500N-2350E	<100	500	24	13.4	4.0	91	15	21	<5	<1
L-72500N-2375E	<100	370	138	86.5	32.5	69	107	80	<5	1
L-72500N-2400E	<100	610	16	10.6	3.6	325	12	37	<5	<1
L-72500N-2425E	<100	300	11	6.4	1.5	134	5	6	<5	1
L-72500N-2450E	<100	50	<1	<0.5	<0.5	210	<1	4	<5	2
L-72500N-2475E	<100	600	50	24.5	11.7	100	43	43	<5	2
L-72500N-2500E	<100	50	1	0.7	<0.5	334	1	5	<5	3
L-72500N-2525E	<100	220	5	3.5	1.1	143	4	9	<5	2
L-72500N-2550E	<100	340	11	6.7	2.4	369	8	17	<5	14
L-72500N-2575E	<100	140	3	2.3	0.9	463	3	11	18	14
L-72500N-2600E	<100	250	4	3.1	0.8	83	3	5	<5	8
*Rep L-72500N-2600E	<100	220	3	2.4	<0.5	81	2	5	<5	8
L-72500N-2625E	<100	290	8	6.0	1.5	186	6	13	<5	4
L-72500N-2675E	<100	230	3	2.6	<0.5	182	2	3	5	4
L-72500N-2700E	<100	30	<1	<0.5	<0.5	137	<1	<1	<5	2
L-72500N-2725E	<100	500	60	29.8	20.4	74	66	81	<5	4
L-72500N-2750E	<100	260	1	1.4	<0.5	133	<1	4	5	7
L-72500N-2775E	<100	200	17	8.8	5.6	251	17	31	<5	3
L-72500N-2800E	<100	60	<1	<0.5	<0.5	139	<1	<1	<5	50
L-72500N-2825E	<100	50	1	0.9	<0.5	150	<1	4	<5	2
L-72500N-2850E	<100	140	41	26.1	6.7	52	26	18	<5	4
L-72500N-2875E	<100	290	7	4.5	1.7	430	6	20	<5	2
L-72500N-2900E	<100	130	6	4.2	1.5	185	5	10	<5	4
L-72500N-2925E	<100	80	<1	0.7	<0.5	148	<1	1	6	5
*Rep L-72500N-2925E	<100	60	<1	0.6	<0.5	133	<1	<1	7	6
L-72500N-2950E	<100	40	<1	0.7	<0.5	164	<1	1	6	22
L-72500N-2975E	<100	220	16	9.9	2.1	53	7	4	<5	2
L-72500N-3000E	<100	440	4	4.1	0.7	257	2	4	<5	4
L-72500N-3025E	<100	100	1	1.2	<0.5	311	1	5	<5	5
L-72500N-3050E	<100	200	4	3.6	0.5	80	2	3	<5	3
L-72000N-2700E	<100	280	35	16.2	14.3	194	46	73	<5	20
L-72000N-2725E	<100	460	43	22.9	9.1	188	32	37	<5	2
L-72000N-2750E	<100	950	79	47.5	16.1	73	58	56	<5	2
L-72000N-2775E	<100	310	22	19.1	3.2	188	12	16	10	6
L-72000N-2800E	<100	290	5	3.5	1.1	261	4	5	<5	10
L-72000N-2850E	<100	110	15	11.1	3.2	18	12	7	<5	14
L-72000N-2875E	<100	90	1	1.1	<0.5	149	<1	3	<5	11
*Rep L-72000N-2875E	<100	70	<1	0.9	<0.5	152	<1	3	<5	13
L-72000N-2900E	<100	50	<1	0.8	<0.5	120	<1	2	<5	8
L-72000N-2925E	<100	90	1	0.8	<0.5	33	2	3	<5	6

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-72000N-2950E	<100	20	<1	<0.5	<0.5	307	<1	<1	5	10
L-72000N-2975E	<100	120	4	5.2	0.5	238	3	4	16	13
L-72000N-3000E	<100	<10	<1	<0.5	<0.5	113	<1	<1	9	8
L-72000N-3025E	<100	150	3	2.1	0.5	377	2	5	<5	28
L-72000N-3050E	<100	130	<1	0.8	<0.5	46	<1	<1	<5	21
L-72000N-3075E	<100	490	26	13.3	6.3	208	26	40	<5	7
L-72000N-3100E	<100	380	34	19.8	6.3	22	27	20	<5	2
L-72000N-3125E	<100	140	16	8.9	5.3	20	19	21	<5	5
L-72000N-3150E	<100	280	20	11.1	5.2	100	19	20	<5	3
*Std MMISRM16	<100	600	2	0.9	1.3	3	5	6	<5	43
*Std MMISRM16	<100	570	2	0.8	1.2	3	5	6	<5	43
*Bik BLANK	<100	<10	<1	<0.5	<0.5	3	<1	<1	<5	<1
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-72500N-2300E	<5	3.6	5	123	60	<1	1	<1	43	<1
*Rep L-72500N-2300E	<5	3.3	5	126	80	<1	1	<1	52	<1
L-72500N-2325E	<5	9.0	30	80	230	<1	7	<1	59	<1
L-72500N-2350E	<5	5.3	34	86	340	<1	7	<1	70	<1
L-72500N-2375E	<5	4.8	247	82	280	<1	47	<1	97	<1
L-72500N-2400E	8	11.8	38	204	70	<1	10	<1	59	<1
L-72500N-2425E	<5	2.4	8	46	1040	<1	2	<1	172	<1
L-72500N-2450E	<5	4.8	4	105	<10	<1	1	<1	51	<1
L-72500N-2475E	<5	3.2	99	167	300	<1	19	<1	81	<1
L-72500N-2500E	<5	6.3	4	43	20	<1	1	<1	37	<1
L-72500N-2525E	<5	2.0	11	47	70	<1	3	<1	66	<1
L-72500N-2550E	5	9.7	22	89	320	<1	5	<1	84	<1
L-72500N-2575E	<5	8.5	11	88	220	<1	3	<1	63	<1
L-72500N-2600E	<5	5.8	9	124	440	<1	2	<1	227	<1
*Rep L-72500N-2600E	<5	4.5	6	133	420	<1	1	<1	230	<1
L-72500N-2625E	<5	2.7	17	44	120	<1	4	<1	99	<1
L-72500N-2675E	<5	2.8	4	32	390	<1	<1	<1	59	<1
L-72500N-2700E	<5	1.3	<1	74	<10	<1	<1	<1	31	<1
L-72500N-2725E	7	2.0	163	214	310	<1	34	<1	110	1
L-72500N-2750E	<5	7.1	4	136	20	<1	<1	<1	37	<1
L-72500N-2775E	<5	6.1	47	44	250	<1	11	<1	18	2
L-72500N-2800E	<5	3.3	2	102	30	<1	<1	<1	89	<1
L-72500N-2825E	<5	18.1	4	54	40	<1	1	<1	66	1
L-72500N-2850E	<5	5.0	44	51	250	<1	8	<1	137	<1
L-72500N-2875E	12	87.7	19	91	1070	<1	5	<1	35	4
L-72500N-2900E	6	2.0	15	29	70	<1	3	<1	20	<1
L-72500N-2925E	<5	6.3	<1	25	<10	<1	<1	<1	36	<1
*Rep L-72500N-2925E	<5	5.6	<1	27	<10	<1	<1	<1	38	<1
L-72500N-2950E	<5	5.9	1	35	<10	<1	<1	<1	55	1
L-72500N-2975E	<5	0.5	13	38	250	<1	2	<1	64	<1
L-72500N-3000E	10	5.8	6	59	10	<1	1	<1	72	1
L-72500N-3025E	<5	16.9	5	39	40	<1	1	<1	63	<1
L-72500N-3050E	<5	2.1	5	56	140	<1	1	<1	68	<1
L-72000N-2700E	21	4.4	137	230	200	<1	30	<1	114	2
L-72000N-2725E	11	2.7	74	186	350	<1	15	<1	70	2
L-72000N-2750E	6	1.2	120	441	350	<1	24	<1	50	1
L-72000N-2775E	5	2.1	26	107	330	<1	6	<1	52	<1
L-72000N-2800E	9	1.8	10	35	30	<1	2	<1	10	<1
L-72000N-2850E	<5	<0.5	17	37	100	<1	3	<1	14	<1
L-72000N-2875E	<5	6.9	3	33	<10	<1	<1	<1	20	<1
*Rep L-72000N-2875E	<5	7.3	3	33	<10	<1	<1	<1	21	<1
L-72000N-2900E	<5	3.2	2	73	<10	<1	<1	<1	16	<1
L-72000N-2925E	<5	6.2	6	47	120	<1	1	<1	149	<1

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L-72000N-2950E	<5	9.4	<1	14	<10	<1	<1	<1	73	<1
L-72000N-2975E	11	9.1	6	128	40	<1	1	<1	151	1
L-72000N-3000E	<5	<0.5	<1	17	<10	<1	<1	<1	33	<1
L-72000N-3025E	7	30.9	6	90	60	<1	1	<1	69	2
L-72000N-3050E	<5	<0.5	2	105	120	<1	<1	<1	159	<1
L-72000N-3075E	7	1.9	69	142	260	<1	15	<1	134	<1
L-72000N-3100E	<5	<0.5	55	38	150	<1	10	<1	89	<1
L-72000N-3125E	<5	<0.5	50	87	30	<1	10	<1	16	<1
L-72000N-3150E	<5	5.6	39	69	200	<1	8	<1	108	1
*Std MMISRM16	47	<0.5	19	188	110	26	4	<1	392	<1
*Std MMISRM16	44	<0.5	18	182	100	25	3	<1	371	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-72500N-2300E	11	1	<1	20	<1	<1	<10	3.0	1460	0.8
*Rep L-72500N-2300E	12	1	<1	20	<1	<1	<10	2.8	1310	0.5
L-72500N-2325E	32	9	<1	30	<1	3	<10	5.7	1450	0.6
L-72500N-2350E	36	10	<1	50	<1	4	<10	4.3	1770	0.6
L-72500N-2375E	76	76	<1	130	<1	22	<10	7.7	597	0.5
L-72500N-2400E	50	10	2	90	<1	3	<10	23.3	7180	0.7
L-72500N-2425E	16	3	<1	130	<1	1	<10	5.4	504	0.8
L-72500N-2450E	9	<1	<1	330	<1	<1	<10	2.5	876	<0.5
L-72500N-2475E	31	30	<1	290	<1	9	<10	4.5	1370	<0.5
L-72500N-2500E	7	<1	<1	520	<1	<1	<10	4.1	1210	<0.5
L-72500N-2525E	14	3	<1	70	<1	<1	<10	4.3	967	<0.5
L-72500N-2550E	24	7	<1	430	<1	2	<10	9.8	1830	<0.5
L-72500N-2575E	32	3	<1	700	<1	<1	<10	13.0	1680	0.5
L-72500N-2600E	53	2	2	350	<1	<1	<10	16.7	1620	0.5
*Rep L-72500N-2600E	50	1	1	350	<1	<1	<10	14.4	1260	<0.5
L-72500N-2625E	30	5	<1	110	<1	1	<10	7.3	1480	<0.5
L-72500N-2675E	13	1	<1	200	<1	<1	<10	3.6	616	<0.5
L-72500N-2700E	<5	<1	<1	190	<1	<1	<10	0.8	249	<0.5
L-72500N-2725E	40	52	<1	430	<1	11	<10	9.0	597	<0.5
L-72500N-2750E	12	<1	<1	280	<1	<1	<10	3.3	1750	<0.5
L-72500N-2775E	32	15	<1	150	<1	3	<10	11.2	2190	<0.5
L-72500N-2800E	17	<1	<1	2550	<1	<1	<10	6.6	1050	<0.5
L-72500N-2825E	18	<1	3	110	<1	<1	<10	4.3	4310	<0.5
L-72500N-2850E	36	15	<1	230	<1	6	<10	6.1	1150	<0.5
L-72500N-2875E	63	5	5	190	4	1	<10	26.9	16400	1.0
L-72500N-2900E	24	4	<1	270	<1	<1	<10	3.4	488	3.4
L-72500N-2925E	10	<1	<1	400	<1	<1	<10	3.1	1180	<0.5
*Rep L-72500N-2925E	10	<1	<1	450	<1	<1	<10	2.5	1010	<0.5
L-72500N-2950E	13	<1	<1	510	<1	<1	<10	3.8	1830	<0.5
L-72500N-2975E	42	5	<1	80	<1	2	<10	4.4	265	<0.5
L-72500N-3000E	14	2	<1	780	<1	<1	<10	2.5	952	<0.5
L-72500N-3025E	19	1	2	300	<1	<1	<10	4.4	1680	<0.5
L-72500N-3050E	25	1	<1	110	<1	<1	<10	4.0	958	<0.5
L-72000N-2700E	36	40	<1	1250	<1	7	<10	9.0	1510	<0.5
L-72000N-2725E	38	23	<1	320	<1	7	<10	7.8	879	<0.5
L-72000N-2750E	75	40	<1	420	<1	12	<10	8.5	357	<0.5
L-72000N-2775E	35	9	<1	380	<1	3	<10	6.0	834	<0.5
L-72000N-2800E	12	3	<1	990	<1	<1	<10	2.9	428	<0.5
L-72000N-2850E	<5	7	<1	2330	<1	2	<10	<0.5	<3	<0.5
L-72000N-2875E	18	<1	<1	320	<1	<1	<10	9.3	2470	<0.5
*Rep L-72000N-2875E	17	<1	<1	360	<1	<1	<10	10.3	2610	<0.5
L-72000N-2900E	9	<1	<1	290	<1	<1	<10	1.5	501	<0.5
L-72000N-2925E	13	1	2	210	<1	<1	<10	3.1	1330	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-72000N-2950E	7	<1	<1	420	<1	<1	<10	2.2	2440	0.5
L-72000N-2975E	89	2	<1	850	<1	<1	<10	9.5	1950	0.6
L-72000N-3000E	10	<1	<1	540	<1	<1	<10	1.7	91	<0.5
L-72000N-3025E	31	2	4	850	2	<1	<10	7.1	13600	<0.5
L-72000N-3050E	9	<1	<1	360	<1	<1	<10	3.6	71	0.6
L-72000N-3075E	43	20	<1	280	<1	5	<10	6.3	1590	<0.5
L-72000N-3100E	20	18	<1	120	<1	5	<10	1.1	29	<0.5
L-72000N-3125E	5	15	<1	460	<1	3	<10	1.1	48	<0.5
L-72000N-3150E	29	13	<1	280	<1	4	<10	9.3	3090	<0.5
*Std MMISRM16	12	5	<1	540	<1	<1	<10	26.7	<3	<0.5
*Std MMISRM16	10	5	<1	510	<1	<1	<10	24.8	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102661 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-72500N-2300E	3	<1	7	2	30	19
*Rep L-72500N-2300E	3	<1	7	2	40	20
L-72500N-2325E	9	<1	190	21	200	42
L-72500N-2350E	7	<1	142	9	210	30
L-72500N-2375E	20	1	1060	63	380	59
L-72500N-2400E	18	<1	86	11	110	111
L-72500N-2425E	9	<1	60	5	310	24
L-72500N-2450E	2	<1	<5	<1	30	22
L-72500N-2475E	8	<1	287	16	740	27
L-72500N-2500E	3	<1	7	<1	100	47
L-72500N-2525E	3	<1	24	3	300	30
L-72500N-2550E	9	<1	53	6	1310	54
L-72500N-2575E	7	<1	19	2	560	49
L-72500N-2600E	4	1	23	3	2870	53
*Rep L-72500N-2600E	4	1	16	3	3100	49
L-72500N-2625E	4	1	37	6	840	42
L-72500N-2675E	3	<1	15	2	1370	23
L-72500N-2700E	2	<1	<5	<1	50	8
L-72500N-2725E	10	<1	318	22	1440	36
L-72500N-2750E	3	<1	7	2	170	28
L-72500N-2775E	9	<1	85	8	480	48
L-72500N-2800E	1	<1	<5	<1	1540	30
L-72500N-2825E	2	1	6	<1	260	39
L-72500N-2850E	7	<1	292	18	290	35
L-72500N-2875E	12	3	36	5	200	178
L-72500N-2900E	2	<1	31	4	940	12
L-72500N-2925E	1	<1	<5	<1	250	26
*Rep L-72500N-2925E	1	<1	<5	<1	290	23
L-72500N-2950E	2	1	5	<1	240	45
L-72500N-2975E	3	<1	86	7	890	16
L-72500N-3000E	8	<1	24	3	70	15
L-72500N-3025E	2	<1	9	1	650	34
L-72500N-3050E	2	<1	17	4	530	22
L-72000N-2700E	26	<1	198	12	1730	38
L-72000N-2725E	36	<1	238	17	1420	29
L-72000N-2750E	168	1	542	34	1570	34
L-72000N-2775E	34	<1	132	17	1860	21
L-72000N-2800E	20	<1	27	3	260	11
L-72000N-2850E	9	<1	125	9	1040	<5
L-72000N-2875E	5	1	6	1	150	14
*Rep L-72000N-2875E	5	1	6	1	150	14
L-72000N-2900E	2	<1	<5	1	100	12
L-72000N-2925E	1	<1	8	<1	530	26

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Final : TO102661 Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-72000N-2950E	1	<1	<5	<1	60	16
L-72000N-2975E	3	2	36	10	1160	45
L-72000N-3000E	1	<1	<5	<1	130	7
L-72000N-3025E	4	2	18	2	450	52
L-72000N-3050E	<1	<1	6	1	2150	9
L-72000N-3075E	5	<1	140	10	1470	31
L-72000N-3100E	3	<1	243	13	160	<5
L-72000N-3125E	2	<1	104	7	1050	6
L-72000N-3150E	7	<1	124	8	360	66
*Std MMISRM16	46	<1	11	<1	220	14
*Std MMISRM16	44	<1	11	<1	210	13
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102662

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

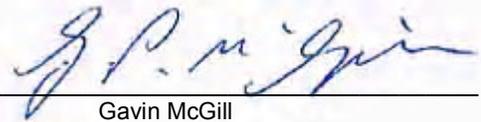
Date: Sep 30, 2008

P.O. No. :
Project No. : KEAP
No. Of Samples 42
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 42 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-GOSSEN 1	2	215	<10	<0.1	830	<1	60	11	<5	23
*Rep L-GOSSEN 1	2	219	<10	<0.1	720	<1	60	16	7	24
L-GOSSEN 2	<1	119	<10	<0.1	1270	<1	70	12	27	187
L-GOSSEN 3	1	155	<10	<0.1	1450	<1	50	18	65	162
L-GOSSEN 4	<1	157	<10	<0.1	1040	<1	40	6	8	71
L-GOSSEN 5	5	256	<10	<0.1	540	<1	20	15	8	77
L-GOSSEN 6	7	298	<10	<0.1	560	<1	<10	1	103	16
L-GOSSEN 7	3	235	<10	<0.1	310	<1	<10	<1	12	16
L-GOSSEN 8	4	212	<10	<0.1	110	<1	<10	3	10	9
L-GOSSEN 9	2	229	<10	<0.1	210	<1	<10	2	10	13
L-GOSSEN 10	13	106	<10	<0.1	90	<1	<10	9	54	14
L-GOSSEN 11	<1	176	<10	<0.1	480	<1	20	2	6	27
L-GOSSEN 12	3	153	<10	<0.1	380	<1	<10	<1	26	11
L-GOSSEN 13	<1	140	<10	<0.1	770	<1	60	25	19	50
*Rep L-GOSSEN 13	<1	135	<10	<0.1	740	<1	60	25	19	53
L-GOSSEN 14	<1	>300	<10	<0.1	300	<1	<10	9	10	13
L-GOSSEN 15	1	>300	<10	<0.1	300	<1	40	7	<5	12
L-GOSSEN 16	4	194	<10	<0.1	420	<1	30	15	7	65
L-GOSSEN 17	22	107	<10	<0.1	80	<1	<10	16	37	25
L-GOSSEN 18	3	204	<10	<0.1	330	<1	<10	3	7	41
L-GOSSEN 19	6	163	<10	<0.1	110	<1	<10	11	6	13
L-GOSSEN 20	2	254	<10	<0.1	360	<1	<10	5	<5	9
L-GOSSEN 21	<1	127	<10	<0.1	1000	<1	40	4	8	12
L-GOSSEN 22	<1	>300	<10	<0.1	190	<1	<10	3	5	9
L-GOSSEN 23	<1	201	<10	<0.1	130	<1	<10	7	11	12
L-GOSSEN 24	<1	252	<10	<0.1	330	<1	20	2	<5	31
L-GOSSEN 25	<1	261	<10	<0.1	450	<1	10	9	11	58
*Rep L-GOSSEN 25	<1	233	<10	<0.1	530	<1	20	8	6	55
L-GOSSEN 26	<1	256	<10	<0.1	290	<1	30	6	6	24
L-GOSSEN 27	2	185	<10	<0.1	290	<1	40	15	6	15
L-L 33	<1	235	<10	<0.1	440	<1	<10	3	6	32
L-L 34	<1	186	<10	<0.1	540	<1	10	6	8	57
L-L 35	1	124	<10	<0.1	260	<1	20	3	<5	39
L-L 36	<1	272	<10	<0.1	560	<1	<10	3	<5	17
L-L 37	<1	177	<10	<0.1	170	<1	<10	1	<5	13
L-L 38	2	242	<10	<0.1	170	<1	<10	<1	<5	23
L-L 39	<1	51	<10	<0.1	260	1	40	2	8	13
L-L 40	7	130	<10	<0.1	840	<1	140	3	19	12
L-L 41	8	169	<10	<0.1	320	<1	10	2	15	42
L-L 42	2	207	<10	<0.1	380	<1	20	5	<5	36
*Rep L-L 42	<1	172	<10	<0.1	440	<1	30	5	<5	32
L-L 43	2	162	<10	<0.1	570	<1	480	39	20	30
L-L 44	7	61	<10	<0.1	740	<1	320	33	19	65

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L-L 45	5	131	50	<0.1	530	1	20	8	31	70
L-L 46	5	137	<10	<0.1	770	<1	80	115	46	21
L-L 47	2	168	<10	<0.1	460	<1	10	31	86	17
*Std MMISRM16	19	47	20	28.1	70	<1	230	4	19	58
*BIK BLANK	<1	1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-GOSSEN 1	<100	80	<1	1.4	<0.5	118	<1	1	17	14
*Rep L-GOSSEN 1	<100	110	2	2.6	<0.5	127	<1	2	16	13
L-GOSSEN 2	<100	200	5	5.0	0.8	191	3	6	<5	12
L-GOSSEN 3	<100	210	11	9.3	2.0	106	8	13	<5	10
L-GOSSEN 4	<100	90	1	1.7	<0.5	123	1	3	6	11
L-GOSSEN 5	<100	320	5	7.2	<0.5	58	1	4	<5	5
L-GOSSEN 6	<100	430	12	8.1	3.0	162	11	35	<5	<1
L-GOSSEN 7	<100	210	2	2.3	<0.5	173	1	6	<5	2
L-GOSSEN 8	<100	170	3	2.7	<0.5	53	2	5	<5	<1
L-GOSSEN 9	<100	100	4	4.4	<0.5	100	2	4	<5	2
L-GOSSEN 10	<100	180	14	9.6	3.0	18	12	23	<5	<1
L-GOSSEN 11	<100	50	<1	0.6	<0.5	238	<1	3	<5	5
L-GOSSEN 12	<100	790	3	1.7	0.8	488	3	13	<5	2
L-GOSSEN 13	<100	200	7	8.0	1.0	65	4	6	<5	9
*Rep L-GOSSEN 13	<100	210	8	8.4	1.1	61	5	6	<5	9
L-GOSSEN 14	<100	230	2	3.1	<0.5	50	1	5	<5	3
L-GOSSEN 15	<100	80	<1	0.9	<0.5	64	<1	1	<5	5
L-GOSSEN 16	<100	200	13	12.0	0.9	33	5	3	<5	4
L-GOSSEN 17	<100	170	31	24.3	3.2	16	16	12	<5	1
L-GOSSEN 18	<100	480	1	1.6	<0.5	178	<1	3	<5	3
L-GOSSEN 19	<100	190	8	6.5	0.6	37	3	2	<5	1
L-GOSSEN 20	<100	40	<1	<0.5	<0.5	109	<1	2	<5	3
L-GOSSEN 21	<100	60	5	6.6	0.7	74	3	4	<5	4
L-GOSSEN 22	<100	30	2	2.1	<0.5	57	<1	3	<5	2
L-GOSSEN 23	<100	80	3	3.0	0.5	90	3	7	<5	4
L-GOSSEN 24	<100	20	1	2.0	<0.5	45	<1	2	<5	8
L-GOSSEN 25	<100	130	6	6.7	<0.5	61	3	4	7	10
*Rep L-GOSSEN 25	<100	80	3	4.5	<0.5	58	2	2	7	13
L-GOSSEN 26	<100	60	1	1.9	<0.5	62	1	3	<5	8
L-GOSSEN 27	<100	150	1	0.9	<0.5	51	1	3	<5	5
L-L 33	<100	40	<1	0.5	<0.5	158	<1	3	<5	11
L-L 34	<100	40	<1	0.6	<0.5	125	<1	4	<5	7
L-L 35	<100	50	2	2.4	<0.5	152	<1	2	<5	2
L-L 36	<100	30	<1	0.7	<0.5	62	<1	2	<5	4
L-L 37	<100	90	<1	0.5	<0.5	84	<1	2	<5	1
L-L 38	<100	50	<1	0.7	<0.5	99	<1	2	<5	2
L-L 39	<100	20	1	0.9	<0.5	143	1	3	<5	5
L-L 40	<100	730	6	4.9	1.1	128	5	7	<5	11
L-L 41	<100	670	4	3.8	0.7	194	3	6	<5	2
L-L 42	<100	120	<1	0.7	<0.5	159	<1	2	<5	6
*Rep L-L 42	<100	70	<1	<0.5	<0.5	152	<1	2	<5	10
L-L 43	<100	400	10	6.9	1.9	77	8	9	<5	18
L-L 44	<100	490	4	2.4	1.0	41	4	5	<5	8

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L-L 45	<100	5490	8	8.4	1.3	237	5	12	<5	1
L-L 46	<100	2900	52	45.3	4.8	29	25	21	<5	5
L-L 47	<100	2230	48	38.3	4.9	29	26	15	<5	1
*Std MMISRM16	<100	610	3	1.0	1.2	3	5	5	<5	35
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-GOSSEN 1	<5	1.6	2	16	20	<1	<1	<1	10	<1
*Rep L-GOSSEN 1	<5	2.0	2	16	40	<1	<1	<1	12	<1
L-GOSSEN 2	21	2.9	10	18	30	<1	2	<1	91	<1
L-GOSSEN 3	29	2.2	22	29	40	<1	5	<1	68	<1
L-GOSSEN 4	<5	0.5	3	59	40	<1	<1	<1	31	<1
L-GOSSEN 5	<5	0.8	4	77	60	<1	<1	<1	56	<1
L-GOSSEN 6	13	8.1	42	53	40	<1	10	<1	82	<1
L-GOSSEN 7	7	3.6	5	56	20	<1	1	<1	23	<1
L-GOSSEN 8	<5	1.6	6	72	50	<1	1	<1	58	<1
L-GOSSEN 9	<5	3.5	6	49	30	<1	1	<1	77	<1
L-GOSSEN 10	30	<0.5	41	26	110	<1	8	<1	160	<1
L-GOSSEN 11	33	6.7	2	40	10	<1	<1	<1	24	<1
L-GOSSEN 12	21	12.6	11	74	20	<1	3	<1	56	<1
L-GOSSEN 13	10	3.3	9	38	70	<1	2	<1	44	<1
*Rep L-GOSSEN 13	8	3.5	10	43	70	<1	2	<1	48	<1
L-GOSSEN 14	<5	2.3	6	24	20	<1	1	<1	50	<1
L-GOSSEN 15	<5	2.0	1	41	20	<1	<1	<1	24	<1
L-GOSSEN 16	6	0.6	7	38	130	<1	1	<1	53	<1
L-GOSSEN 17	<5	<0.5	39	21	90	<1	7	<1	168	<1
L-GOSSEN 18	5	2.9	3	136	30	<1	<1	<1	56	<1
L-GOSSEN 19	<5	<0.5	6	33	90	<1	1	<1	100	<1
L-GOSSEN 20	<5	2.9	1	62	10	<1	<1	<1	41	<1
L-GOSSEN 21	74	0.7	6	12	30	<1	1	<1	20	<1
L-GOSSEN 22	5	4.8	3	35	10	<1	<1	<1	15	<1
L-GOSSEN 23	6	5.5	6	13	50	<1	1	<1	57	<1
L-GOSSEN 24	<5	1.5	2	107	20	<1	<1	<1	18	<1
L-GOSSEN 25	<5	1.6	7	28	70	<1	1	<1	51	<1
*Rep L-GOSSEN 25	<5	1.3	4	26	40	<1	<1	<1	48	<1
L-GOSSEN 26	<5	2.9	3	52	30	<1	<1	<1	16	<1
L-GOSSEN 27	14	2.6	4	9	50	<1	<1	<1	114	<1
L-L 33	<5	9.0	2	30	20	<1	<1	<1	26	<1
L-L 34	<5	5.2	3	42	10	<1	<1	<1	57	<1
L-L 35	22	0.5	2	22	40	<1	<1	<1	26	<1
L-L 36	<5	4.6	1	72	20	<1	<1	<1	12	<1
L-L 37	<5	<0.5	1	40	10	<1	<1	<1	43	<1
L-L 38	<5	3.0	2	53	20	<1	<1	<1	36	<1
L-L 39	13	2.0	5	9	60	<1	1	<1	15	<1
L-L 40	107	0.9	11	18	50	<1	2	<1	18	<1
L-L 41	54	8.3	9	26	30	<1	2	<1	42	<1
L-L 42	<5	2.9	3	123	20	<1	<1	<1	<5	<1
*Rep L-L 42	5	4.6	2	87	20	<1	<1	<1	8	<1
L-L 43	8	0.8	19	38	110	<1	3	<1	17	<1
L-L 44	61	<0.5	9	10	30	<1	2	<1	15	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-L 45	109	4.3	16	14	40	<1	4	<1	65	2
L-L 46	382	0.9	46	41	100	<1	8	<1	43	2
L-L 47	83	3.6	41	37	40	<1	7	<1	67	<1
*Std MMISRM16	52	<0.5	17	219	110	34	3	<1	315	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-GOSSEN 1	15	<1	<1	720	<1	<1	<10	3.8	878	<0.5
*Rep L-GOSSEN 1	17	<1	<1	620	<1	<1	<10	4.6	1130	<0.5
L-GOSSEN 2	21	3	<1	640	<1	<1	<10	5.3	756	<0.5
L-GOSSEN 3	24	6	<1	450	<1	1	<10	4.8	835	<0.5
L-GOSSEN 4	25	<1	<1	470	<1	<1	<10	6.3	82	<0.5
L-GOSSEN 5	17	<1	<1	220	<1	<1	<10	2.3	208	<0.5
L-GOSSEN 6	35	11	<1	70	<1	2	<10	11.4	4300	<0.5
L-GOSSEN 7	19	1	<1	60	<1	<1	<10	4.4	1350	<0.5
L-GOSSEN 8	12	2	<1	<10	<1	<1	<10	2.6	355	<0.5
L-GOSSEN 9	32	1	<1	100	<1	<1	<10	6.9	820	<0.5
L-GOSSEN 10	43	9	<1	<10	<1	2	<10	3.5	35	<0.5
L-GOSSEN 11	13	<1	1	230	<1	<1	<10	6.4	1730	<0.5
L-GOSSEN 12	14	2	2	90	<1	<1	<10	10.8	4740	<0.5
L-GOSSEN 13	32	3	<1	330	<1	<1	<10	12.6	523	<0.5
*Rep L-GOSSEN 13	34	3	<1	330	<1	<1	<10	13.5	538	<0.5
L-GOSSEN 14	25	2	<1	140	<1	<1	<10	5.1	637	<0.5
L-GOSSEN 15	17	<1	<1	300	<1	<1	<10	3.1	724	<0.5
L-GOSSEN 16	16	2	<1	180	<1	1	<10	2.2	177	<0.5
L-GOSSEN 17	30	10	<1	<10	<1	4	<10	1.8	33	<0.5
L-GOSSEN 18	12	<1	<1	80	<1	<1	<10	5.1	814	<0.5
L-GOSSEN 19	22	2	<1	<10	<1	<1	<10	3.0	70	<0.5
L-GOSSEN 20	6	<1	<1	90	<1	<1	<10	1.2	481	<0.5
L-GOSSEN 21	66	2	<1	360	<1	<1	<10	9.4	77	<0.5
L-GOSSEN 22	20	<1	1	70	<1	<1	<10	5.4	1580	<0.5
L-GOSSEN 23	31	2	1	30	<1	<1	<10	6.3	2620	<0.5
L-GOSSEN 24	19	<1	<1	170	<1	<1	<10	4.0	286	<0.5
L-GOSSEN 25	31	2	<1	360	<1	<1	<10	6.7	469	<0.5
*Rep L-GOSSEN 25	29	1	<1	480	<1	<1	<10	5.6	376	<0.5
L-GOSSEN 26	17	<1	<1	210	<1	<1	<10	5.3	780	<0.5
L-GOSSEN 27	16	1	<1	220	<1	<1	<10	4.2	819	<0.5
L-L 33	12	<1	1	200	<1	<1	<10	3.2	2740	<0.5
L-L 34	18	<1	<1	350	<1	<1	<10	3.2	2060	<0.5
L-L 35	30	<1	<1	220	<1	<1	<10	3.4	169	<0.5
L-L 36	14	<1	1	240	<1	<1	<10	3.4	1730	<0.5
L-L 37	6	<1	<1	30	<1	<1	<10	1.6	122	<0.5
L-L 38	15	<1	<1	60	<1	<1	<10	3.2	1150	<0.5
L-L 39	14	1	<1	210	<1	<1	<10	4.5	448	<0.5
L-L 40	25	3	<1	1420	<1	<1	<10	3.0	336	<0.5
L-L 41	20	2	<1	140	<1	<1	<10	6.9	2830	<0.5
L-L 42	21	<1	<1	180	<1	<1	<10	1.7	1420	<0.5
*Rep L-L 42	23	<1	<1	240	<1	<1	<10	2.3	1590	<0.5
L-L 43	24	6	<1	980	<1	2	<10	2.8	242	<0.5
L-L 44	9	3	<1	590	<1	<1	<10	1.2	57	<0.5

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-L 45	28	4	<1	140	<1	1	<10	13.5	1100	<0.5
L-L 46	33	14	<1	1730	<1	6	<10	3.7	162	<0.5
L-L 47	60	14	<1	180	<1	6	<10	17.4	706	<0.5
*Std MMISRM16	10	6	<1	500	<1	<1	<10	23.3	5	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102662 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-GOSSEN 1	4	<1	6	2	190	6
*Rep L-GOSSEN 1	4	<1	12	4	290	8
L-GOSSEN 2	6	<1	31	5	620	8
L-GOSSEN 3	7	<1	63	9	320	8
L-GOSSEN 4	1	<1	8	3	500	<5
L-GOSSEN 5	1	<1	27	8	210	<5
L-GOSSEN 6	8	2	55	8	70	22
L-GOSSEN 7	5	<1	11	3	30	9
L-GOSSEN 8	3	<1	13	3	30	6
L-GOSSEN 9	3	<1	18	7	120	10
L-GOSSEN 10	5	<1	81	8	60	10
L-GOSSEN 11	3	<1	<5	<1	70	14
L-GOSSEN 12	5	1	11	2	30	18
L-GOSSEN 13	9	<1	42	10	800	9
*Rep L-GOSSEN 13	9	<1	45	10	840	10
L-GOSSEN 14	2	<1	12	4	120	8
L-GOSSEN 15	1	<1	<5	1	160	7
L-GOSSEN 16	3	<1	86	10	360	<5
L-GOSSEN 17	5	<1	225	20	80	<5
L-GOSSEN 18	3	<1	9	3	70	9
L-GOSSEN 19	3	<1	45	5	90	<5
L-GOSSEN 20	<1	<1	<5	<1	30	9
L-GOSSEN 21	14	<1	36	12	240	7
L-GOSSEN 22	2	<1	9	3	90	12
L-GOSSEN 23	5	1	18	3	230	15
L-GOSSEN 24	3	<1	5	4	90	<5
L-GOSSEN 25	2	<1	37	9	730	11
*Rep L-GOSSEN 25	1	<1	20	6	570	10
L-GOSSEN 26	2	<1	8	2	350	8
L-GOSSEN 27	<1	1	8	<1	500	7
L-L 33	2	<1	<5	<1	50	23
L-L 34	2	<1	<5	<1	110	15
L-L 35	6	<1	12	5	40	6
L-L 36	2	<1	<5	1	100	11
L-L 37	1	<1	<5	1	<20	<5
L-L 38	2	<1	<5	1	30	9
L-L 39	3	<1	7	1	310	11
L-L 40	54	<1	43	4	50	6
L-L 41	27	1	23	4	120	20
L-L 42	2	<1	<5	1	100	9
*Rep L-L 42	3	<1	<5	<1	130	12
L-L 43	9	<1	74	5	1220	6
L-L 44	10	<1	26	2	2270	<5

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-L 45	99	4	45	9	270	29
L-L 46	844	<1	502	35	530	6
L-L 47	60	<1	322	34	390	22
*Std MMISRM16	40	<1	11	<1	210	14
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102663

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

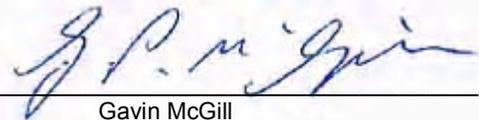
Date: Sep 30, 2008

P.O. No. :
Project No. : WOMO
No. Of Samples 52
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 52 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-69100N-41125E	12	14	<10	<0.1	1910	<1	440	29	19	92
*Rep L-69100N-41125E	10	14	<10	<0.1	2120	<1	440	31	18	106
L-69100N-41150E	9	>300	120	0.2	1880	2	30	33	144	231
L-69100N-41175E	9	111	90	<0.1	1510	<1	270	23	227	414
L-69100N-41200E	20	175	<10	<0.1	260	<1	<10	19	13	19
L-69100N-41225E	1	108	<10	<0.1	760	<1	40	2	81	30
L-69100N-41250E	19	82	60	<0.1	1100	<1	280	22	206	143
L-69100N-41275E	11	90	60	<0.1	620	<1	190	20	277	120
L-69100N-41300E	<1	116	<10	<0.1	510	<1	20	<1	58	<5
L-69100N-41325E	6	201	30	<0.1	200	<1	<10	<1	39	18
L-69100N-41350E	8	248	20	<0.1	240	<1	<10	7	30	48
L-69100N-41375E	<1	142	<10	<0.1	660	<1	30	5	45	12
L-69100N-41400E	7	211	30	<0.1	240	<1	<10	4	30	9
L-69100N-41425E	14	177	<10	<0.1	730	<1	50	16	87	20
*Rep L-69100N-41425E	15	181	<10	<0.1	780	<1	60	17	92	22
L-69100N-41450E	13	176	10	<0.1	190	<1	10	7	60	59
L-69100N-41475E	2	60	<10	<0.1	670	<1	120	5	33	16
L-69100N-41500E	6	209	<10	<0.1	270	<1	10	6	8	42
L-69100N-41525E	13	180	<10	<0.1	200	<1	<10	16	14	23
L-69100N-41550E	23	224	20	<0.1	340	<1	<10	29	96	55
L-69100N-41575E	3	240	<10	<0.1	320	<1	<10	3	7	27
L-69100N-41600E	21	240	60	<0.1	500	<1	60	16	69	77
L-69100N-41625E	22	159	20	<0.1	580	<1	140	20	39	16
L-69100N-41650E	1	115	<10	<0.1	990	<1	110	2	14	77
L-69100N-41675E	<1	163	<10	<0.1	1390	<1	70	7	7	345
L-69100N-41700E	23	235	60	0.3	1080	<1	40	18	143	58
L-69100N-41725E	<1	120	20	<0.1	720	<1	140	5	26	19
*Rep L-69100N-41725E	1	73	<10	<0.1	400	1	160	5	31	16
L-69100N-41750E	3	188	10	<0.1	200	<1	20	9	7	31
L-69100N-41775E	4	288	<10	<0.1	230	<1	<10	3	5	32
L-69100N-41800E	10	264	40	<0.1	580	<1	<10	32	40	62
L-69100N-41825E	2	134	10	<0.1	540	<1	140	14	57	41
L-69100N-41850E	4	240	<10	<0.1	270	<1	<10	10	11	14
L-69100N-41875E	<1	64	<10	<0.1	120	<1	<10	3	14	13
L-69100N-41900E	1	193	<10	<0.1	220	<1	<10	2	<5	17
L-69100N-41925E	<1	127	10	<0.1	290	1	40	4	12	16
L-69100N-41950E	<1	26	<10	<0.1	170	<1	40	1	16	<5
L-69100N-41975E	5	155	<10	<0.1	200	<1	30	6	14	18
L-69100N-42000E	<1	68	<10	<0.1	150	<1	340	23	64	38
L-69100N-42025E	3	71	<10	<0.1	140	<1	360	8	11	10
*Rep L-69100N-42025E	3	65	<10	<0.1	150	<1	360	8	9	10
L-69100N-42050E	2	142	<10	<0.1	300	2	70	11	19	45
L-69100N-42075E	5	148	<10	<0.1	110	<1	20	11	41	19

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-69100N-42100E	2	161	<10	<0.1	710	<1	60	2	8	104
L-69100N-42125E	<1	89	<10	<0.1	500	<1	50	1	17	9
L-69100N-42150E	<1	108	40	<0.1	330	2	40	6	15	18
L-69100N-42175E	2	96	<10	<0.1	60	<1	<10	<1	7	8
L-69100N-42200E	3	141	<10	<0.1	80	<1	<10	<1	7	6
L-69100N-42225E	2	121	<10	<0.1	80	<1	<10	<1	20	8
L-69100N-42250E	<1	145	<10	<0.1	770	<1	250	4	8	184
L-69100N-42275E	7	165	<10	<0.1	240	<1	50	16	16	33
L-69100N-42300E	<1	103	20	<0.1	420	2	20	3	23	13
L-69100N-42325E	2	199	<10	<0.1	160	<1	40	49	20	21
*Rep L-69100N-42325E	3	220	<10	<0.1	150	<1	30	43	31	24
L-69100N-42350E	5	286	<10	<0.1	90	<1	<10	3	<5	22
L-69100N-42375E	2	229	<10	<0.1	250	<1	<10	3	<5	17
L-69100N-42400E	6	240	<10	<0.1	630	<1	<10	3	22	39
*Std MMISRM16	15	43	10	25.8	40	<1	220	3	21	51
*Std MMISRM16	16	46	10	26.1	40	<1	230	4	24	52
*BIK BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*BIK BLANK	<1	2	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-69100N-41125E	<100	1930	7	3.6	2.8	9	10	24	<5	24
*Rep L-69100N-41125E	<100	1990	7	3.5	2.8	8	9	18	<5	24
L-69100N-41150E	<100	790	41	19.8	10.5	252	39	81	5	3
L-69100N-41175E	<100	1180	47	23.3	19.8	120	66	128	5	21
L-69100N-41200E	<100	430	7	5.5	1.1	67	4	8	<5	<1
L-69100N-41225E	<100	30	<1	<0.5	0.5	308	1	27	<5	8
L-69100N-41250E	<100	940	26	12.2	12.1	45	40	73	<5	19
L-69100N-41275E	<100	380	57	28.2	23.6	84	80	146	<5	10
L-69100N-41300E	<100	40	1	<0.5	0.9	165	4	54	<5	3
L-69100N-41325E	<100	170	6	4.3	1.7	303	6	27	<5	<1
L-69100N-41350E	<100	560	4	4.1	1.2	219	4	19	<5	1
L-69100N-41375E	<100	10	1	<0.5	0.7	79	2	44	<5	17
L-69100N-41400E	<100	290	5	5.5	1.0	246	4	14	<5	<1
L-69100N-41425E	<100	560	61	29.7	16.5	36	63	49	<5	4
*Rep L-69100N-41425E	<100	540	61	28.5	16.9	36	64	52	<5	4
L-69100N-41450E	<100	630	50	31.4	9.0	101	32	29	<5	1
L-69100N-41475E	<100	50	2	0.9	0.9	36	3	33	<5	16
L-69100N-41500E	<100	180	1	1.3	<0.5	123	1	5	6	3
L-69100N-41525E	<100	360	4	3.0	0.7	84	2	6	<5	<1
L-69100N-41550E	<100	500	29	12.8	6.7	53	26	30	<5	1
L-69100N-41575E	<100	90	<1	<0.5	<0.5	173	<1	3	<5	3
L-69100N-41600E	<100	360	22	8.7	7.2	226	26	40	<5	2
L-69100N-41625E	<100	370	115	69.0	32.2	23	130	68	<5	7
L-69100N-41650E	<100	40	1	<0.5	0.6	206	1	7	6	22
L-69100N-41675E	<100	80	1	1.3	<0.5	204	1	3	12	10
L-69100N-41700E	<100	250	44	18.7	15.2	66	58	75	<5	9
L-69100N-41725E	<100	10	<1	<0.5	<0.5	127	1	14	<5	21
*Rep L-69100N-41725E	<100	<10	<1	<0.5	<0.5	79	<1	12	<5	24
L-69100N-41750E	<100	450	3	3.6	<0.5	193	<1	2	<5	2
L-69100N-41775E	<100	70	<1	0.8	<0.5	106	<1	2	<5	2
L-69100N-41800E	<100	380	11	6.3	1.9	166	7	12	<5	1
L-69100N-41825E	<100	140	21	11.1	6.5	73	24	27	<5	9
L-69100N-41850E	<100	350	1	1.8	<0.5	106	<1	4	<5	2
L-69100N-41875E	<100	20	<1	<0.5	<0.5	31	<1	8	<5	13
L-69100N-41900E	<100	170	<1	<0.5	<0.5	198	<1	1	<5	2
L-69100N-41925E	<100	70	<1	<0.5	<0.5	222	<1	4	<5	5
L-69100N-41950E	<100	10	<1	<0.5	<0.5	19	1	12	<5	11
L-69100N-41975E	<100	160	9	10.1	0.5	173	2	3	<5	2
L-69100N-42000E	<100	60	41	28.9	10.2	8	42	20	<5	4
L-69100N-42025E	<100	50	13	8.2	2.9	19	13	9	<5	9
*Rep L-69100N-42025E	<100	50	13	8.1	2.6	21	11	9	<5	9
L-69100N-42050E	<100	300	7	5.4	1.2	169	5	9	<5	12
L-69100N-42075E	<100	380	43	19.5	9.2	18	39	15	<5	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-69100N-42100E	<100	40	3	2.2	0.9	104	3	10	7	5
L-69100N-42125E	<100	<10	<1	<0.5	<0.5	62	<1	8	<5	12
L-69100N-42150E	<100	80	<1	0.6	<0.5	84	<1	6	<5	5
L-69100N-42175E	<100	70	<1	1.4	<0.5	320	<1	2	<5	2
L-69100N-42200E	<100	30	<1	1.0	<0.5	254	<1	2	<5	<1
L-69100N-42225E	<100	60	1	0.7	<0.5	313	1	4	<5	2
L-69100N-42250E	<100	20	1	1.1	<0.5	191	<1	3	<5	23
L-69100N-42275E	<100	550	12	9.1	1.0	194	4	6	<5	3
L-69100N-42300E	<100	30	<1	<0.5	<0.5	66	<1	7	<5	10
L-69100N-42325E	<100	590	29	18.5	2.9	84	14	8	<5	6
*Rep L-69100N-42325E	<100	560	28	17.8	4.2	90	18	12	<5	4
L-69100N-42350E	<100	160	<1	1.2	<0.5	60	<1	<1	<5	<1
L-69100N-42375E	<100	100	<1	1.3	<0.5	78	<1	1	<5	<1
L-69100N-42400E	<100	190	3	2.4	1.0	84	4	45	<5	1
*Std MMISRM16	<100	560	2	0.8	1.1	4	4	4	<5	31
*Std MMISRM16	<100	560	2	0.9	1.1	5	5	4	<5	31
*BIK BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*BIK BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-69100N-41125E	21	0.7	27	158	60	<1	7	<1	58	<1
*Rep L-69100N-41125E	22	<0.5	21	168	70	<1	5	<1	58	<1
L-69100N-41150E	15	3.1	107	142	420	<1	23	<1	177	5
L-69100N-41175E	7	1.2	195	472	130	<1	41	<1	86	6
L-69100N-41200E	<5	0.5	10	50	200	<1	3	<1	83	<1
L-69100N-41225E	<5	0.9	16	179	<10	<1	6	<1	89	<1
L-69100N-41250E	7	<0.5	115	184	70	<1	25	<1	83	4
L-69100N-41275E	8	0.5	240	148	140	<1	51	<1	114	2
L-69100N-41300E	<5	1.0	33	22	10	<1	11	<1	59	<1
L-69100N-41325E	6	1.3	21	149	70	<1	5	<1	72	<1
L-69100N-41350E	<5	0.8	15	175	40	<1	4	<1	101	<1
L-69100N-41375E	<5	1.8	26	53	<10	<1	9	<1	67	<1
L-69100N-41400E	<5	4.1	14	112	130	<1	4	<1	49	<1
L-69100N-41425E	<5	<0.5	136	73	260	<1	24	<1	75	<1
*Rep L-69100N-41425E	<5	0.7	140	78	260	<1	25	<1	80	<1
L-69100N-41450E	10	1.5	75	43	260	<1	15	<1	44	1
L-69100N-41475E	<5	<0.5	24	55	20	<1	8	<1	45	<1
L-69100N-41500E	<5	0.8	5	51	40	<1	1	<1	30	<1
L-69100N-41525E	<5	0.9	8	46	140	<1	2	<1	59	<1
L-69100N-41550E	<5	1.4	60	69	390	<1	12	<1	276	<1
L-69100N-41575E	<5	0.7	3	79	<10	<1	<1	<1	12	<1
L-69100N-41600E	8	0.9	60	62	130	<1	12	<1	82	1
L-69100N-41625E	<5	<0.5	225	78	200	<1	37	<1	103	<1
L-69100N-41650E	<5	0.8	7	65	<10	<1	2	<1	19	<1
L-69100N-41675E	<5	<0.5	5	62	20	<1	1	<1	18	<1
L-69100N-41700E	<5	1.3	150	147	360	<1	28	<1	85	1
L-69100N-41725E	<5	2.0	10	48	10	<1	3	<1	53	<1
*Rep L-69100N-41725E	<5	1.1	9	50	<10	<1	3	<1	52	<1
L-69100N-41750E	<5	1.7	3	105	150	<1	<1	<1	38	<1
L-69100N-41775E	<5	0.5	3	39	<10	<1	<1	<1	18	<1
L-69100N-41800E	<5	3.7	16	109	440	<1	4	<1	85	2
L-69100N-41825E	<5	2.7	61	66	240	<1	12	<1	18	<1
L-69100N-41850E	<5	8.7	4	142	140	<1	1	<1	28	<1
L-69100N-41875E	<5	<0.5	8	59	10	<1	2	<1	23	<1
L-69100N-41900E	<5	1.2	2	124	<10	<1	<1	<1	13	<1
L-69100N-41925E	<5	3.3	4	82	<10	<1	1	<1	18	<1
L-69100N-41950E	<5	<0.5	10	48	<10	<1	3	<1	52	<1
L-69100N-41975E	<5	2.0	4	79	90	<1	1	<1	26	<1
L-69100N-42000E	<5	<0.5	74	27	80	<1	12	<1	20	<1
L-69100N-42025E	<5	<0.5	22	28	100	<1	4	<1	35	<1
*Rep L-69100N-42025E	<5	<0.5	19	29	120	<1	3	<1	34	<1
L-69100N-42050E	9	14.1	13	180	450	<1	3	<1	52	<1
L-69100N-42075E	<5	<0.5	69	44	200	<1	11	<1	42	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-69100N-42100E	<5	0.5	12	54	<10	<1	3	<1	6	<1
L-69100N-42125E	<5	2.7	7	42	<10	<1	2	<1	50	<1
L-69100N-42150E	5	16.9	5	81	30	<1	2	<1	68	1
L-69100N-42175E	<5	2.0	3	118	<10	<1	<1	<1	14	<1
L-69100N-42200E	<5	0.8	3	183	<10	<1	<1	<1	38	<1
L-69100N-42225E	<5	2.0	5	74	<10	<1	1	<1	37	<1
L-69100N-42250E	<5	<0.5	3	63	<10	<1	<1	<1	63	<1
L-69100N-42275E	<5	3.9	9	132	100	<1	2	<1	75	<1
L-69100N-42300E	<5	22.5	6	60	10	<1	2	<1	69	<1
L-69100N-42325E	<5	1.0	19	86	70	<1	3	<1	132	<1
*Rep L-69100N-42325E	<5	1.2	29	92	80	<1	5	<1	122	<1
L-69100N-42350E	<5	0.6	2	42	<10	<1	<1	<1	56	<1
L-69100N-42375E	<5	0.6	2	54	<10	<1	<1	<1	56	<1
L-69100N-42400E	<5	2.3	32	53	20	<1	10	<1	48	<1
*Std MMISRM16	45	<0.5	16	193	90	23	3	<1	294	<1
*Std MMISRM16	50	<0.5	16	202	100	23	3	<1	293	<1
*BIK BLANK	<5	<0.5	1	<5	<10	<1	<1	<1	<5	<1
*BIK BLANK	<5	<0.5	1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-69100N-41125E	7	6	<1	2130	<1	1	<10	4.4	11	4.4
*Rep L-69100N-41125E	8	5	<1	2230	<1	1	<10	2.9	5	3.5
L-69100N-41150E	76	31	<1	290	<1	7	<10	23.6	1850	2.9
L-69100N-41175E	80	51	<1	870	<1	9	<10	13.7	612	2.6
L-69100N-41200E	20	3	<1	30	<1	<1	<10	3.5	252	1.5
L-69100N-41225E	7	2	<1	280	<1	<1	<10	1.9	201	1.8
L-69100N-41250E	34	33	<1	1140	<1	5	<10	8.7	271	1.9
L-69100N-41275E	45	66	<1	490	<1	12	<10	11.4	275	1.9
L-69100N-41300E	11	4	<1	160	<1	<1	<10	3.0	311	1.1
L-69100N-41325E	27	5	<1	20	<1	<1	<10	9.0	706	1.4
L-69100N-41350E	11	3	<1	60	<1	<1	<10	3.6	507	1.1
L-69100N-41375E	10	3	<1	660	<1	<1	<10	4.7	172	1.2
L-69100N-41400E	24	3	<1	40	<1	<1	<10	6.0	2250	0.9
L-69100N-41425E	41	44	<1	380	<1	10	<10	5.4	322	0.9
*Rep L-69100N-41425E	42	44	<1	400	<1	10	<10	5.5	374	0.8
L-69100N-41450E	52	25	<1	130	<1	7	<10	4.4	1130	0.8
L-69100N-41475E	5	4	<1	1350	<1	<1	<10	2.7	105	0.8
L-69100N-41500E	13	1	<1	160	<1	<1	<10	2.9	415	0.5
L-69100N-41525E	14	2	<1	50	<1	<1	<10	2.6	454	<0.5
L-69100N-41550E	65	19	<1	<10	<1	5	<10	11.8	1090	0.6
L-69100N-41575E	13	<1	<1	230	<1	<1	<10	1.5	246	<0.5
L-69100N-41600E	36	19	<1	410	<1	4	<10	8.1	606	0.9
L-69100N-41625E	79	85	<1	600	<1	19	<10	3.8	354	0.6
L-69100N-41650E	16	1	<1	1080	<1	<1	<10	1.2	236	0.6
L-69100N-41675E	36	<1	<1	920	<1	<1	<10	1.0	118	0.8
L-69100N-41700E	30	45	<1	260	<1	8	<10	7.4	1080	0.8
L-69100N-41725E	10	1	<1	750	<1	<1	<10	2.7	252	0.7
*Rep L-69100N-41725E	8	1	<1	720	<1	<1	<10	2.7	178	0.6
L-69100N-41750E	19	<1	<1	130	<1	<1	<10	3.8	918	<0.5
L-69100N-41775E	15	<1	<1	110	<1	<1	<10	2.0	248	<0.5
L-69100N-41800E	33	5	<1	20	<1	2	<10	8.5	2830	<0.5
L-69100N-41825E	28	18	<1	670	<1	4	<10	7.0	1460	<0.5
L-69100N-41850E	19	<1	1	80	<1	<1	<10	10.6	1810	<0.5
L-69100N-41875E	<5	<1	<1	90	<1	<1	<10	2.1	86	<0.5
L-69100N-41900E	11	<1	<1	70	<1	<1	<10	1.9	662	<0.5
L-69100N-41925E	17	<1	<1	300	<1	<1	<10	3.5	931	<0.5
L-69100N-41950E	<5	2	<1	280	<1	<1	<10	1.4	67	<0.5
L-69100N-41975E	26	1	<1	220	<1	<1	<10	3.4	1210	<0.5
L-69100N-42000E	16	27	<1	1730	<1	6	<10	<0.5	28	<0.5
L-69100N-42025E	8	8	<1	2090	<1	2	<10	0.5	56	<0.5
*Rep L-69100N-42025E	8	7	<1	2180	<1	2	<10	<0.5	49	<0.5
L-69100N-42050E	36	4	2	460	<1	<1	<10	11.9	3970	1.4
L-69100N-42075E	26	25	<1	120	<1	7	<10	1.3	216	0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-69100N-42100E	32	3	<1	990	<1	<1	<10	1.1	256	<0.5
L-69100N-42125E	<5	<1	<1	690	<1	<1	<10	2.0	195	<0.5
L-69100N-42150E	20	<1	3	470	<1	<1	<10	6.3	2380	0.6
L-69100N-42175E	7	<1	<1	90	<1	<1	<10	1.3	964	<0.5
L-69100N-42200E	15	<1	<1	20	<1	<1	<10	1.2	360	<0.5
L-69100N-42225E	15	1	<1	20	<1	<1	<10	1.9	1050	<0.5
L-69100N-42250E	19	<1	<1	3270	<1	<1	<10	0.6	146	<0.5
L-69100N-42275E	19	3	<1	310	<1	1	<10	4.1	926	<0.5
L-69100N-42300E	14	1	2	360	1	<1	<10	4.2	1950	0.5
L-69100N-42325E	19	7	<1	130	<1	4	<10	3.1	685	0.7
*Rep L-69100N-42325E	22	10	<1	100	<1	4	<10	4.2	840	0.8
L-69100N-42350E	6	<1	<1	10	<1	<1	<10	0.8	323	<0.5
L-69100N-42375E	11	<1	<1	40	<1	<1	<10	1.1	233	0.6
L-69100N-42400E	19	4	<1	10	<1	<1	<10	2.9	1580	0.9
*Std MMISRM16	10	5	<1	430	<1	<1	<10	28.8	5	0.6
*Std MMISRM16	11	5	<1	460	<1	<1	<10	28.9	15	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	4	<0.5

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Final : TO102663 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-69100N-41125E	8	4	43	2	370	<5
*Rep L-69100N-41125E	7	2	43	3	430	<5
L-69100N-41150E	11	4	179	14	1300	67
L-69100N-41175E	9	2	274	19	500	46
L-69100N-41200E	3	<1	31	4	110	10
L-69100N-41225E	2	<1	<5	<1	70	8
L-69100N-41250E	10	<1	128	9	180	27
L-69100N-41275E	17	1	294	22	960	21
L-69100N-41300E	1	<1	8	<1	70	8
L-69100N-41325E	6	<1	26	4	120	23
L-69100N-41350E	2	<1	18	5	140	24
L-69100N-41375E	2	<1	<5	<1	150	9
L-69100N-41400E	6	1	23	5	60	29
L-69100N-41425E	5	<1	353	18	400	13
*Rep L-69100N-41425E	5	<1	359	18	390	17
L-69100N-41450E	13	<1	218	21	140	14
L-69100N-41475E	1	<1	9	<1	240	<5
L-69100N-41500E	4	<1	7	2	220	9
L-69100N-41525E	3	<1	17	2	240	12
L-69100N-41550E	8	<1	119	8	300	56
L-69100N-41575E	1	<1	<5	<1	70	6
L-69100N-41600E	4	<1	97	6	180	20
L-69100N-41625E	12	<1	769	45	160	11
L-69100N-41650E	2	<1	6	<1	190	5
L-69100N-41675E	7	<1	8	5	380	7
L-69100N-41700E	4	<1	218	11	360	21
L-69100N-41725E	2	<1	<5	<1	290	9
*Rep L-69100N-41725E	2	<1	<5	<1	320	8
L-69100N-41750E	4	<1	13	3	200	10
L-69100N-41775E	2	<1	<5	<1	90	9
L-69100N-41800E	5	<1	40	4	220	49
L-69100N-41825E	3	<1	123	8	540	20
L-69100N-41850E	6	<1	7	2	220	21
L-69100N-41875E	<1	<1	<5	<1	160	5
L-69100N-41900E	2	<1	<5	<1	40	9
L-69100N-41925E	2	<1	<5	<1	210	18
L-69100N-41950E	<1	<1	<5	<1	210	<5
L-69100N-41975E	9	<1	48	8	140	13
L-69100N-42000E	7	<1	263	19	690	<5
L-69100N-42025E	12	<1	79	5	150	<5
*Rep L-69100N-42025E	13	<1	77	5	170	<5
L-69100N-42050E	5	1	36	5	1700	53
L-69100N-42075E	3	<1	208	11	190	7

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Final : TO102663 Order:

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-69100N-42100E	314	<1	23	4	40	8
L-69100N-42125E	2	<1	<5	<1	120	7
L-69100N-42150E	2	1	<5	<1	430	38
L-69100N-42175E	<1	<1	<5	3	<20	11
L-69100N-42200E	2	<1	<5	2	<20	8
L-69100N-42225E	1	<1	<5	1	40	18
L-69100N-42250E	3	<1	7	4	110	5
L-69100N-42275E	4	<1	66	6	230	18
L-69100N-42300E	2	1	<5	<1	260	42
L-69100N-42325E	3	<1	145	14	4130	19
*Rep L-69100N-42325E	4	<1	141	12	3400	20
L-69100N-42350E	<1	<1	<5	1	90	10
L-69100N-42375E	3	<1	<5	2	40	9
L-69100N-42400E	3	<1	14	3	60	24
*Std MMISRM16	44	<1	9	<1	170	13
*Std MMISRM16	45	<1	10	<1	170	14
*BIK BLANK	<1	<1	<5	<1	<20	<5
*BIK BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102664

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Oct 01, 2008

P.O. No. :
Project No. : E. WOMO
No. Of Samples 45
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 45 Soils

Certified By : _____

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-TWO PITS 1	<1	239	<10	<0.1	1120	<1	40	6	6	31
*Rep L-TWO PITS 1	<1	236	<10	<0.1	1060	<1	30	8	7	35
L-TWO PITS 2	2	>300	<10	<0.1	350	<1	20	6	5	45
L-TWO PITS 3	<1	212	<10	<0.1	730	<1	30	6	13	26
L-TWO PITS 4	5	183	<10	<0.1	620	<1	230	14	21	33
L-TWO PITS 5	4	266	<10	<0.1	330	<1	20	7	14	34
L-TWO PITS 6	3	178	<10	<0.1	120	<1	<10	15	<5	17
L-TWO PITS 7	1	201	<10	<0.1	390	<1	60	6	7	23
L-TWO PITS 8	7	264	<10	<0.1	230	<1	<10	14	49	69
L-TWO PITS 9	11	278	30	0.2	450	<1	20	15	116	77
L-TWO PITS10	14	204	<10	<0.1	410	<1	110	49	54	26
L-TWO PITS11	1	271	<10	<0.1	770	<1	60	18	13	90
L-TWO PITS12	7	>300	<10	<0.1	420	<1	20	29	62	40
L-TWO PITS13	1	251	<10	<0.1	430	<1	70	7	<5	38
*Rep L-TWO PITS13	<1	258	<10	<0.1	360	<1	60	7	<5	37
L-TWO PITS14	9	244	30	<0.1	790	<1	30	41	31	99
L-TWO PITS15	4	158	<10	<0.1	110	<1	10	17	175	80
L-TWO PITS16	1	241	<10	<0.1	390	<1	30	7	<5	39
L-TWO PITS17	1	248	<10	<0.1	170	<1	<10	2	<5	20
L-TWO PITS18	1	295	<10	<0.1	310	<1	30	4	6	39
L-TWO PITS19	1	164	<10	<0.1	180	<1	40	6	25	24
L-TWO PITS20	4	252	100	<0.1	930	<1	40	21	74	55
L-WEST1 26	4	269	20	<0.1	370	<1	20	12	47	60
L-WEST1 27	1	153	<10	<0.1	510	<1	70	6	10	26
L-WEST1 28	6	186	<10	<0.1	440	<1	220	31	18	20
L-WEST1 29	2	>300	<10	<0.1	400	<1	140	26	<5	79
L-WEST1 30	2	204	<10	<0.1	270	<1	20	19	11	55
*Rep L-WEST1 30	<1	194	<10	<0.1	330	<1	20	8	7	35
L-WEST1 31	6	203	<10	<0.1	130	<1	<10	4	7	36
L-WEST1 32	13	224	<10	<0.1	170	<1	<10	51	17	65
L-WEST1 33	2	230	<10	<0.1	340	<1	<10	29	12	90
L-WEST1 34	52	200	<10	<0.1	100	<1	<10	9	183	24
L-WEST1 35	<1	210	<10	<0.1	390	<1	20	3	6	27
L-WEST1 36	1	205	<10	<0.1	320	1	10	18	25	20
L-WEST1 37	<1	155	<10	<0.1	880	<1	90	11	11	16
L-WEST1 38	6	173	<10	<0.1	40	<1	<10	24	11	12
L-WEST1 39	5	>300	<10	<0.1	100	<1	<10	5	<5	19
L-WEST1 40	1	>300	<10	<0.1	210	<1	<10	5	<5	22
L-WEST1 41	<1	179	<10	<0.1	730	<1	30	9	<5	29
L-WEST1 42	<1	176	50	<0.1	460	1	20	6	8	18
*Rep L-WEST1 42	<1	170	40	<0.1	440	1	20	5	7	18
L-WEST1 43	<1	258	<10	<0.1	450	<1	100	4	<5	12
L-WEST1 44	1	149	<10	<0.1	310	1	50	8	17	34

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-WEST1 45	1	>300	<10	<0.1	950	2	110	14	18	55
L-WEST1 46	1	286	<10	<0.1	370	1	70	20	13	45
L-WEST1 47	1	206	<10	<0.1	270	2	90	16	9	33
L-WEST1 48	1	>300	<10	<0.1	170	<1	<10	6	<5	13
L-WEST1 49	<1	>300	<10	<0.1	190	<1	<10	3	<5	11
L-WEST1 50	<1	196	<10	0.2	110	<1	<10	<1	42	35
*Std MMISRM16	17	53	<10	26.2	40	<1	260	4	20	60
*Std MMISRM16	16	54	10	26.7	50	<1	250	4	20	62
*Bik BLANK	<1	2	<10	<0.1	<10	<1	<10	<1	<5	<5
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-TWO PITS 1	<100	<10	<1	0.8	<0.5	80	<1	2	15	19
*Rep L-TWO PITS 1	<100	<10	1	0.6	<0.5	72	<1	2	11	18
L-TWO PITS 2	<100	80	1	1.3	<0.5	88	<1	2	<5	6
L-TWO PITS 3	<100	10	<1	<0.5	<0.5	165	<1	4	6	16
L-TWO PITS 4	<100	110	8	4.4	1.6	85	7	6	<5	9
L-TWO PITS 5	<100	120	3	3.1	0.6	97	2	6	<5	2
L-TWO PITS 6	<100	170	4	4.6	<0.5	30	<1	<1	<5	1
L-TWO PITS 7	<100	20	<1	<0.5	<0.5	214	<1	2	13	22
L-TWO PITS 8	<100	760	38	23.3	4.4	69	20	24	<5	<1
L-TWO PITS 9	<100	1000	32	19.6	7.1	115	28	46	<5	1
L-TWO PITS10	<100	380	38	20.1	6.6	32	30	23	<5	3
L-TWO PITS11	<100	170	7	6.4	0.9	114	3	5	10	12
L-TWO PITS12	<100	580	18	10.2	3.0	108	12	18	<5	4
L-TWO PITS13	<100	40	<1	<0.5	<0.5	85	<1	1	8	21
*Rep L-TWO PITS13	<100	50	<1	<0.5	<0.5	84	<1	1	9	19
L-TWO PITS14	<100	420	6	4.4	1.1	183	4	6	6	3
L-TWO PITS15	<100	930	130	61.4	21.5	15	85	37	<5	<1
L-TWO PITS16	<100	30	<1	<0.5	<0.5	150	<1	2	<5	10
L-TWO PITS17	<100	60	<1	<0.5	<0.5	136	<1	<1	<5	2
L-TWO PITS18	<100	40	1	0.7	<0.5	64	<1	2	10	15
L-TWO PITS19	<100	140	8	6.3	1.7	71	7	10	<5	1
L-TWO PITS20	<100	620	41	22.3	7.3	95	29	24	<5	2
L-WEST1 26	<100	240	24	15.7	3.6	128	13	18	<5	2
L-WEST1 27	<100	20	<1	0.7	<0.5	255	<1	3	13	8
L-WEST1 28	<100	250	13	8.9	2.4	76	9	6	<5	12
L-WEST1 29	<100	210	9	9.3	0.6	50	2	2	<5	10
L-WEST1 30	<100	140	3	2.1	0.7	188	2	5	<5	5
*Rep L-WEST1 30	<100	60	<1	0.7	<0.5	193	1	3	<5	8
L-WEST1 31	<100	130	1	1.4	<0.5	76	1	3	<5	<1
L-WEST1 32	<100	380	12	10.8	1.4	43	5	7	<5	<1
L-WEST1 33	<100	260	8	8.1	1.1	91	3	6	<5	2
L-WEST1 34	<100	320	60	27.0	20.1	16	83	110	<5	<1
L-WEST1 35	<100	20	<1	0.6	<0.5	171	<1	3	<5	5
L-WEST1 36	<100	100	1	0.8	<0.5	115	<1	3	<5	6
L-WEST1 37	<100	<10	<1	<0.5	<0.5	60	<1	4	<5	15
L-WEST1 38	<100	300	6	3.9	0.7	17	2	4	<5	<1
L-WEST1 39	<100	180	<1	0.9	<0.5	57	<1	<1	<5	2
L-WEST1 40	<100	40	<1	<0.5	<0.5	112	<1	1	<5	3
L-WEST1 41	<100	<10	<1	<0.5	<0.5	157	<1	1	7	6
L-WEST1 42	<100	60	<1	0.6	<0.5	273	<1	3	<5	9
*Rep L-WEST1 42	<100	50	<1	<0.5	<0.5	309	<1	3	<5	11
L-WEST1 43	<100	10	<1	<0.5	<0.5	124	<1	2	13	31
L-WEST1 44	<100	20	<1	<0.5	<0.5	51	<1	7	<5	41

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-WEST1 45	<100	70	2	1.5	0.6	130	2	9	<5	35
L-WEST1 46	<100	60	2	2.1	0.7	101	2	6	6	38
L-WEST1 47	<100	30	<1	0.7	<0.5	88	1	4	<5	29
L-WEST1 48	<100	30	<1	<0.5	<0.5	50	<1	<1	<5	2
L-WEST1 49	<100	20	<1	<0.5	<0.5	115	<1	<1	<5	3
L-WEST1 50	<100	80	9	7.4	3.8	80	12	14	<5	<1
*Std MMISRM16	<100	590	3	0.9	1.1	4	5	4	<5	39
*Std MMISRM16	<100	600	3	1.0	1.1	3	5	5	<5	40
*Bik BLANK	<100	<10	<1	<0.5	<0.5	1	<1	1	<5	<1
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-TWO PITS 1	<5	0.6	3	46	<10	<1	<1	<1	44	<1
*Rep L-TWO PITS 1	<5	<0.5	3	37	<10	<1	<1	<1	39	<1
L-TWO PITS 2	<5	5.2	2	144	<10	<1	<1	<1	35	<1
L-TWO PITS 3	<5	5.8	2	34	<10	<1	<1	<1	60	<1
L-TWO PITS 4	<5	2.2	14	65	200	<1	2	<1	11	<1
L-TWO PITS 5	<5	3.0	6	123	30	<1	1	<1	101	<1
L-TWO PITS 6	<5	<0.5	1	50	150	<1	<1	<1	67	<1
L-TWO PITS 7	<5	3.3	2	61	<10	<1	<1	<1	59	<1
L-TWO PITS 8	5	4.0	41	86	630	<1	8	<1	154	<1
L-TWO PITS 9	6	10.5	75	97	180	<1	16	<1	128	2
L-TWO PITS10	17	3.1	57	140	160	<1	10	<1	222	<1
L-TWO PITS11	6	10.6	7	73	60	<1	1	<1	25	<1
L-TWO PITS12	6	4.4	30	90	150	<1	6	<1	154	<1
L-TWO PITS13	<5	2.1	1	52	<10	<1	<1	<1	36	<1
*Rep L-TWO PITS13	<5	2.6	2	46	<10	<1	<1	<1	37	<1
L-TWO PITS14	<5	3.1	9	98	140	<1	2	<1	77	<1
L-TWO PITS15	<5	<0.5	159	59	420	<1	26	<1	54	<1
L-TWO PITS16	<5	3.7	2	52	<10	<1	<1	<1	19	<1
L-TWO PITS17	<5	1.7	<1	39	<10	<1	<1	<1	30	<1
L-TWO PITS18	<5	0.9	3	38	<10	<1	<1	<1	44	<1
L-TWO PITS19	7	1.7	16	36	80	<1	3	<1	6	<1
L-TWO PITS20	16	3.0	56	99	470	<1	10	<1	22	3
L-WEST1 26	7	10.6	31	65	300	<1	7	<1	85	<1
L-WEST1 27	<5	3.4	3	25	<10	<1	<1	<1	37	<1
L-WEST1 28	<5	1.9	16	45	170	<1	3	<1	20	<1
L-WEST1 29	<5	1.1	3	73	150	<1	<1	<1	23	<1
L-WEST1 30	<5	12.8	7	39	100	<1	1	<1	47	<1
*Rep L-WEST1 30	<5	10.5	3	31	20	<1	<1	<1	52	<1
L-WEST1 31	<5	2.5	3	28	20	<1	<1	<1	118	<1
L-WEST1 32	<5	2.5	11	79	260	<1	2	<1	58	<1
L-WEST1 33	<5	3.7	10	44	160	<1	2	<1	54	<1
L-WEST1 34	<5	1.5	239	28	250	<1	45	<1	146	<1
L-WEST1 35	<5	2.5	3	27	<10	<1	<1	<1	33	<1
L-WEST1 36	<5	24.7	3	54	120	<1	<1	<1	40	<1
L-WEST1 37	<5	1.1	3	70	<10	<1	<1	<1	60	<1
L-WEST1 38	<5	<0.5	6	38	360	<1	1	<1	142	<1
L-WEST1 39	<5	0.8	1	40	<10	<1	<1	<1	46	<1
L-WEST1 40	<5	5.4	1	38	<10	<1	<1	<1	25	<1
L-WEST1 41	<5	<0.5	1	68	<10	<1	<1	<1	6	<1
L-WEST1 42	5	50.4	3	32	10	<1	<1	<1	80	3
*Rep L-WEST1 42	6	46.1	2	31	<10	<1	<1	<1	78	3
L-WEST1 43	<5	2.3	1	38	<10	<1	<1	<1	198	<1
L-WEST1 44	<5	0.7	6	162	40	<1	2	<1	159	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-WEST1 45	7	14.5	8	138	130	<1	2	<1	254	1
L-WEST1 46	<5	2.2	7	124	150	<1	2	<1	266	<1
L-WEST1 47	<5	9.7	4	110	60	<1	1	<1	86	<1
L-WEST1 48	<5	10.0	<1	33	<10	<1	<1	<1	40	<1
L-WEST1 49	<5	9.1	1	19	<10	<1	<1	<1	38	<1
L-WEST1 50	<5	6.1	37	23	30	<1	7	<1	35	<1
*Std MMISRM16	42	<0.5	18	212	130	28	3	<1	309	<1
*Std MMISRM16	43	<0.5	17	228	140	27	3	<1	319	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-TWO PITS 1	48	<1	<1	1060	<1	<1	<10	1.3	73	<0.5
*Rep L-TWO PITS 1	48	<1	<1	980	<1	<1	<10	1.2	49	<0.5
L-TWO PITS 2	12	<1	<1	290	<1	<1	<10	1.7	963	<0.5
L-TWO PITS 3	13	<1	<1	390	<1	<1	<10	1.7	1140	<0.5
L-TWO PITS 4	18	5	<1	1370	<1	1	<10	2.9	833	<0.5
L-TWO PITS 5	16	2	<1	200	<1	<1	<10	3.7	783	<0.5
L-TWO PITS 6	30	<1	<1	<10	<1	<1	<10	0.9	20	<0.5
L-TWO PITS 7	17	<1	<1	650	<1	<1	<10	1.6	1030	<0.5
L-TWO PITS 8	41	13	<1	10	<1	5	<10	5.9	910	<0.5
L-TWO PITS 9	50	22	<1	130	<1	5	<10	10.9	2680	0.6
L-TWO PITS10	34	20	<1	530	<1	5	<10	5.0	869	<0.5
L-TWO PITS11	43	2	2	570	<1	<1	<10	5.4	2650	<0.5
L-TWO PITS12	39	9	<1	100	<1	3	<10	5.1	1320	<0.5
L-TWO PITS13	28	<1	<1	420	<1	<1	<10	1.7	341	<0.5
*Rep L-TWO PITS13	27	<1	<1	380	<1	<1	<10	1.7	384	<0.5
L-TWO PITS14	21	3	<1	290	<1	<1	<10	5.1	1350	<0.5
L-TWO PITS15	64	56	<1	40	<1	19	<10	3.3	44	<0.5
L-TWO PITS16	14	<1	<1	460	<1	<1	<10	1.7	682	<0.5
L-TWO PITS17	10	<1	<1	140	<1	<1	<10	1.1	374	<0.5
L-TWO PITS18	35	<1	<1	400	<1	<1	<10	2.2	184	<0.5
L-TWO PITS19	36	5	<1	120	<1	1	<10	5.2	238	0.7
L-TWO PITS20	58	21	<1	280	<1	6	<10	11.5	932	0.7
L-WEST1 26	45	9	1	300	<1	3	<10	7.6	1590	<0.5
L-WEST1 27	23	<1	<1	520	<1	<1	<10	1.8	1140	<0.5
L-WEST1 28	18	5	<1	1390	<1	2	<10	1.9	488	<0.5
L-WEST1 29	21	1	<1	850	<1	<1	<10	1.8	171	<0.5
L-WEST1 30	32	2	1	150	<1	<1	<10	5.2	2020	<0.5
*Rep L-WEST1 30	25	<1	1	230	<1	<1	<10	3.5	1570	<0.5
L-WEST1 31	17	<1	<1	<10	<1	<1	<10	2.0	349	<0.5
L-WEST1 32	27	4	<1	20	<1	1	<10	2.0	617	<0.5
L-WEST1 33	31	2	<1	60	<1	<1	<10	3.4	1270	<0.5
L-WEST1 34	89	64	<1	<10	<1	11	<10	6.8	606	<0.5
L-WEST1 35	22	<1	<1	220	<1	<1	<10	1.9	560	<0.5
L-WEST1 36	30	<1	3	130	1	<1	<10	6.1	2260	<0.5
L-WEST1 37	10	<1	<1	840	<1	<1	<10	1.7	230	<0.5
L-WEST1 38	25	2	<1	<10	<1	<1	<10	1.9	57	<0.5
L-WEST1 39	10	<1	<1	20	<1	<1	<10	1.6	310	<0.5
L-WEST1 40	12	<1	<1	100	<1	<1	<10	1.6	983	<0.5
L-WEST1 41	8	<1	<1	480	<1	<1	<10	0.5	89	<0.5
L-WEST1 42	18	<1	7	350	2	<1	<10	3.7	6010	0.6
*Rep L-WEST1 42	17	<1	6	320	2	<1	<10	3.4	5370	0.5
L-WEST1 43	36	<1	<1	610	<1	<1	<10	3.1	501	<0.5
L-WEST1 44	8	1	<1	1260	<1	<1	<10	2.7	167	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-WEST1 45	30	2	2	1230	<1	<1	<10	5.7	2440	1.0
L-WEST1 46	48	2	<1	460	<1	<1	<10	4.5	1430	<0.5
L-WEST1 47	18	<1	1	650	<1	<1	<10	4.9	961	<0.5
L-WEST1 48	6	<1	1	70	<1	<1	<10	0.8	1500	<0.5
L-WEST1 49	15	<1	<1	190	<1	<1	<10	2.3	1120	<0.5
L-WEST1 50	54	10	<1	40	<1	2	<10	6.8	835	<0.5
*Std MMISRM16	14	6	<1	510	<1	<1	<10	27.9	<3	<0.5
*Std MMISRM16	14	6	<1	520	<1	<1	<10	28.2	5	<0.5
*Bik BLANK	<5	<1	<1	10	<1	<1	<10	<0.5	6	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102664 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-TWO PITS 1	3	<1	<5	<1	110	14
*Rep L-TWO PITS 1	2	<1	<5	1	110	12
L-TWO PITS 2	1	<1	7	2	270	9
L-TWO PITS 3	2	<1	<5	<1	210	9
L-TWO PITS 4	3	<1	39	3	380	9
L-TWO PITS 5	4	<1	14	4	190	21
L-TWO PITS 6	2	<1	22	4	170	<5
L-TWO PITS 7	2	<1	<5	<1	140	11
L-TWO PITS 8	7	<1	195	16	280	34
L-TWO PITS 9	12	2	156	13	240	67
L-TWO PITS10	22	<1	202	13	540	29
L-TWO PITS11	6	<1	35	7	680	22
L-TWO PITS12	8	<1	60	6	470	42
L-TWO PITS13	2	<1	<5	<1	240	17
*Rep L-TWO PITS13	2	<1	<5	1	260	17
L-TWO PITS14	5	<1	27	4	960	27
L-TWO PITS15	29	<1	616	37	180	11
L-TWO PITS16	2	<1	<5	<1	130	10
L-TWO PITS17	1	<1	<5	<1	40	8
L-TWO PITS18	1	<1	<5	<1	110	21
L-TWO PITS19	6	<1	41	8	130	14
L-TWO PITS20	8	<1	206	16	370	51
L-WEST1 26	6	2	108	13	460	47
L-WEST1 27	2	<1	5	<1	120	16
L-WEST1 28	3	<1	79	7	880	7
L-WEST1 29	2	<1	46	9	400	6
L-WEST1 30	2	1	14	2	460	28
*Rep L-WEST1 30	2	<1	<5	<1	230	26
L-WEST1 31	2	<1	6	2	130	19
L-WEST1 32	3	<1	67	8	290	15
L-WEST1 33	4	<1	46	7	370	20
L-WEST1 34	6	<1	321	18	60	57
L-WEST1 35	2	<1	<5	<1	160	21
L-WEST1 36	2	<1	6	1	730	35
L-WEST1 37	2	<1	<5	<1	280	15
L-WEST1 38	3	<1	26	3	140	11
L-WEST1 39	2	<1	<5	1	70	9
L-WEST1 40	1	<1	<5	<1	100	15
L-WEST1 41	<1	<1	<5	<1	140	<5
L-WEST1 42	2	3	<5	<1	180	48
*Rep L-WEST1 42	2	3	<5	<1	150	45
L-WEST1 43	2	<1	<5	<1	150	33
L-WEST1 44	1	<1	<5	<1	1230	16

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-WEST1 45	3	2	10	1	980	48
L-WEST1 46	3	1	12	2	1200	42
L-WEST1 47	2	<1	5	<1	810	32
L-WEST1 48	<1	<1	<5	<1	230	14
L-WEST1 49	1	<1	<5	<1	90	19
L-WEST1 50	7	<1	28	11	40	47
*Std MMISRM16	45	<1	10	<1	230	14
*Std MMISRM16	47	<1	12	<1	230	15
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102669

To: **Geotronics Consulting Inc.**

Attn: David G.Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Oct 08, 2008

P.O. No. :
Project No. : EAST CLORES
No. Of Samples 30
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 30 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-MAIN- 1	19	>300	10	<0.1	880	<1	80	8	133	275
*Rep L-MAIN- 1	19	>300	10	<0.1	850	<1	70	9	123	283
L-MAIN- 2	24	>300	20	<0.1	1410	<1	30	9	186	73
L-MAIN- 3	16	146	<10	<0.1	710	<1	90	6	75	23
L-MAIN- 4	7	>300	<10	<0.1	790	<1	30	8	69	112
L-MAIN- 5	2	>300	<10	<0.1	580	<1	<10	4	32	268
L-MAIN- 6	12	>300	20	<0.1	1960	<1	50	6	590	64
L-MAIN- 7	3	>300	<10	<0.1	1050	<1	230	9	56	126
L-MAIN- 8	7	>300	10	<0.1	1440	<1	150	12	83	80
L-MAIN- 9	4	>300	<10	<0.1	1050	<1	190	9	34	113
L-MAIN-10	6	>300	10	<0.1	760	<1	30	5	20	120
L-MAIN-11	23	>300	20	<0.1	970	<1	20	3	119	93
L-MAIN-12	24	184	<10	<0.1	150	<1	10	3	67	176
L-MAIN-13	11	>300	30	<0.1	1180	<1	30	4	81	73
*Rep L-MAIN-13	10	>300	20	<0.1	1080	<1	30	4	75	74
L-MAIN-14	3	88	<10	<0.1	750	<1	370	26	58	31
L-MAIN-15	14	>300	<10	<0.1	670	<1	120	17	43	154
L-MAIN-16	9	153	<10	0.2	680	<1	30	7	71	96
L-MAIN-17	17	>300	<10	<0.1	600	<1	<10	13	14	64
L-MAIN-18	29	136	<10	0.1	720	<1	240	11	29	19
L-MAIN-19	28	139	10	0.1	980	<1	30	4	230	50
L-MAIN-20	21	>300	<10	<0.1	600	<1	40	13	42	158
L-MAIN-21	18	>300	<10	0.1	670	<1	60	8	114	82
L-MAIN-22	25	>300	20	<0.1	1140	<1	30	4	294	64
L-MAIN-23	26	191	<10	<0.1	770	<1	100	7	48	38
L-MAIN-24	2	>300	<10	<0.1	680	<1	170	20	<5	67
L-MAIN-25	27	>300	20	<0.1	1160	<1	<10	19	120	137
*Rep L-MAIN-25	32	>300	20	<0.1	1230	<1	<10	22	140	156
L-MAIN-26	15	>300	20	<0.1	590	<1	40	8	198	47
L-MAIN-27	17	>300	<10	<0.1	1620	<1	40	7	82	31
L-MAIN-28	10	>300	<10	<0.1	570	<1	40	8	12	71
L-MAIN-29	7	>300	<10	<0.1	500	<1	10	8	16	78
L-MAIN-30	16	>300	<10	<0.1	580	<1	<10	7	14	63
*Std MMISRM16	16	42	10	26.8	70	<1	240	4	21	50
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-MAIN- 1	<100	1050	58	30.1	11.9	114	52	55	<5	12
*Rep L-MAIN- 1	<100	1070	58	29.7	11.5	104	53	50	<5	12
L-MAIN- 2	<100	430	49	23.6	11.0	47	48	47	<5	6
L-MAIN- 3	<100	170	24	12.5	5.3	33	23	22	<5	8
L-MAIN- 4	<100	210	30	17.4	5.1	101	22	22	<5	6
L-MAIN- 5	<100	500	19	15.7	2.2	85	11	12	<5	4
L-MAIN- 6	<100	370	204	95.7	42.9	60	202	238	<5	8
L-MAIN- 7	<100	160	40	21.4	10.3	86	47	48	<5	23
L-MAIN- 8	<100	290	102	46.3	25.4	92	122	173	<5	24
L-MAIN- 9	<100	220	24	14.4	4.5	108	22	20	<5	23
L-MAIN-10	<100	170	7	4.4	0.9	140	4	5	<5	9
L-MAIN-11	<100	1070	40	22.8	7.3	116	33	26	<5	7
L-MAIN-12	<100	770	22	9.7	4.7	76	25	21	<5	3
L-MAIN-13	<100	380	17	8.2	4.0	112	17	24	<5	3
*Rep L-MAIN-13	<100	360	17	8.2	3.9	106	16	23	<5	3
L-MAIN-14	<100	440	127	74.7	33.7	10	168	87	<5	30
L-MAIN-15	<100	230	31	16.9	5.3	75	24	16	<5	16
L-MAIN-16	<100	2370	308	218	37.0	38	191	74	<5	5
L-MAIN-17	<100	860	8	6.8	0.7	64	3	5	<5	1
L-MAIN-18	<100	12700	102	62.5	21.7	6	105	98	<5	21
L-MAIN-19	<100	1040	61	30.9	18.4	26	82	95	<5	11
L-MAIN-20	<100	250	26	15.5	3.6	82	16	12	<5	16
L-MAIN-21	<100	610	40	20.9	6.7	97	28	26	<5	11
L-MAIN-22	<100	690	89	43.3	20.7	62	88	82	<5	12
L-MAIN-23	<100	180	16	8.3	3.5	55	15	14	<5	9
L-MAIN-24	<100	310	8	7.0	0.6	72	3	2	<5	25
L-MAIN-25	<100	770	204	131	30.7	66	148	124	<5	2
*Rep L-MAIN-25	<100	800	241	154	36.0	69	170	126	<5	3
L-MAIN-26	<100	250	65	30.9	14.8	56	63	55	<5	4
L-MAIN-27	<100	130	30	16.7	5.8	40	25	23	<5	9
L-MAIN-28	<100	140	10	9.0	1.0	74	5	4	<5	10
L-MAIN-29	<100	160	18	13.7	1.6	56	8	4	<5	3
L-MAIN-30	<100	140	17	12.8	1.6	45	8	4	<5	4
*Std MMISRM16	<100	540	2	0.8	1.1	3	5	5	<5	37
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-MAIN- 1	<5	12.2	136	82	40	<1	25	<1	82	<1
*Rep L-MAIN- 1	<5	10.6	127	90	40	<1	24	<1	84	<1
L-MAIN- 2	<5	6.2	123	48	70	<1	23	<1	177	<1
L-MAIN- 3	<5	2.7	56	18	80	<1	10	<1	216	<1
L-MAIN- 4	<5	7.1	49	59	70	<1	9	<1	155	<1
L-MAIN- 5	<5	2.7	24	72	40	<1	5	<1	85	<1
L-MAIN- 6	<5	3.8	547	50	60	<1	105	<1	191	<1
L-MAIN- 7	<5	7.5	117	50	90	<1	21	<1	66	<1
L-MAIN- 8	<5	6.8	360	93	80	<1	69	<1	114	<1
L-MAIN- 9	<5	2.9	51	58	140	<1	9	<1	76	<1
L-MAIN-10	<5	5.0	9	73	80	<1	2	<1	112	<1
L-MAIN-11	<5	11.0	69	79	70	<1	12	<1	212	<1
L-MAIN-12	6	3.5	66	44	50	<1	11	<1	117	<1
L-MAIN-13	<5	5.3	47	27	50	<1	10	<1	140	<1
*Rep L-MAIN-13	<5	4.9	45	28	50	<1	9	<1	143	<1
L-MAIN-14	<5	<0.5	300	55	30	<1	47	<1	69	<1
L-MAIN-15	<5	4.2	47	101	50	<1	8	<1	54	<1
L-MAIN-16	<5	<0.5	335	113	70	<1	52	<1	132	<1
L-MAIN-17	<5	1.0	8	43	20	<1	2	<1	72	<1
L-MAIN-18	<5	<0.5	221	28	10	<1	40	<1	188	<1
L-MAIN-19	<5	1.5	247	16	40	<1	46	<1	181	<1
L-MAIN-20	<5	4.9	33	183	50	<1	6	<1	77	<1
L-MAIN-21	<5	11.9	65	191	70	<1	12	<1	230	<1
L-MAIN-22	<5	8.1	234	44	60	<1	44	<1	153	<1
L-MAIN-23	<5	3.4	33	30	50	<1	6	<1	157	<1
L-MAIN-24	<5	3.7	5	47	70	<1	<1	<1	29	<1
L-MAIN-25	<5	3.4	321	59	40	<1	58	<1	57	<1
*Rep L-MAIN-25	<5	3.8	371	68	50	<1	63	<1	67	<1
L-MAIN-26	<5	4.7	150	14	40	<1	28	<1	183	<1
L-MAIN-27	<5	1.7	58	25	60	<1	10	<1	127	<1
L-MAIN-28	<5	3.4	10	39	30	<1	2	<1	79	<1
L-MAIN-29	<5	3.3	13	48	50	<1	2	<1	48	<1
L-MAIN-30	<5	1.8	12	45	40	<1	2	<1	41	<1
*Std MMISRM16	45	<0.5	18	191	80	22	3	<1	330	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-MAIN- 1	69	42	1	600	<1	9	<10	5.9	7930	<0.5
*Rep L-MAIN- 1	64	40	<1	610	<1	9	<10	5.4	7010	<0.5
L-MAIN- 2	92	39	<1	220	<1	8	<10	9.2	3940	<0.5
L-MAIN- 3	73	18	<1	280	<1	4	<10	4.5	1360	<0.5
L-MAIN- 4	57	16	<1	120	<1	4	<10	7.0	2860	<0.5
L-MAIN- 5	80	8	<1	110	<1	2	<10	4.8	1570	<0.5
L-MAIN- 6	213	166	<1	300	<1	35	<10	9.3	3550	<0.5
L-MAIN- 7	44	34	<1	1640	<1	7	<10	5.3	3330	<0.5
L-MAIN- 8	58	100	<1	610	<1	18	<10	5.5	3970	<0.5
L-MAIN- 9	75	16	<1	820	<1	4	<10	3.7	2690	<0.5
L-MAIN-10	33	3	<1	170	<1	<1	<10	3.8	4460	<0.5
L-MAIN-11	113	25	<1	90	<1	6	<10	9.8	7360	<0.5
L-MAIN-12	65	21	<1	20	<1	4	<10	5.7	2070	<0.5
L-MAIN-13	72	14	<1	170	<1	3	<10	9.5	4590	<0.5
*Rep L-MAIN-13	74	14	<1	170	<1	3	<10	9.3	4190	<0.5
L-MAIN-14	27	107	<1	1770	<1	22	<10	0.8	66	<0.5
L-MAIN-15	46	16	<1	590	<1	4	<10	5.5	4110	<0.5
L-MAIN-16	185	116	<1	330	<1	39	<10	4.8	76	<0.5
L-MAIN-17	29	3	<1	80	<1	<1	<10	1.8	450	<0.5
L-MAIN-18	163	69	<1	1070	<1	16	<10	2.8	7	<0.5
L-MAIN-19	129	67	<1	180	<1	11	<10	5.9	1090	<0.5
L-MAIN-20	63	11	<1	290	<1	3	<10	5.2	3870	<0.5
L-MAIN-21	106	22	<1	260	<1	6	<10	8.3	4380	<0.5
L-MAIN-22	153	73	<1	170	<1	15	<10	7.2	5570	<0.5
L-MAIN-23	57	11	<1	370	<1	3	<10	4.9	2390	<0.5
L-MAIN-24	37	2	<1	1480	<1	<1	<10	2.1	1840	<0.5
L-MAIN-25	142	102	<1	230	<1	29	<10	5.6	1550	<0.5
*Rep L-MAIN-25	154	115	<1	250	<1	34	<10	6.0	1950	<0.5
L-MAIN-26	121	50	<1	310	<1	11	<10	7.3	2000	<0.5
L-MAIN-27	94	18	<1	760	<1	5	<10	2.8	1420	<0.5
L-MAIN-28	45	3	<1	300	<1	1	<10	2.5	2330	<0.5
L-MAIN-29	48	5	<1	140	<1	2	<10	2.7	1780	<0.5
L-MAIN-30	45	4	<1	140	<1	2	<10	1.7	1720	<0.5
*Std MMISRM16	12	5	<1	520	<1	<1	<10	23.6	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102669 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-MAIN- 1	18	1	289	22	1790	166
*Rep L-MAIN- 1	17	<1	297	22	1900	141
L-MAIN- 2	8	1	200	18	890	198
L-MAIN- 3	5	<1	112	9	210	78
L-MAIN- 4	5	<1	140	13	1170	109
L-MAIN- 5	5	<1	92	15	1450	81
L-MAIN- 6	12	1	920	65	470	159
L-MAIN- 7	12	<1	273	15	620	71
L-MAIN- 8	6	1	583	28	940	71
L-MAIN- 9	5	<1	132	12	1190	62
L-MAIN-10	2	<1	34	4	720	59
L-MAIN-11	8	1	177	18	450	199
L-MAIN-12	6	<1	79	6	620	68
L-MAIN-13	5	<1	70	6	490	150
*Rep L-MAIN-13	5	<1	68	6	500	135
L-MAIN-14	46	<1	942	44	320	8
L-MAIN-15	6	<1	159	12	1000	94
L-MAIN-16	46	2	2230	145	230	39
L-MAIN-17	2	<1	37	7	520	26
L-MAIN-18	28	<1	708	39	90	22
L-MAIN-19	8	<1	332	22	400	118
L-MAIN-20	6	<1	125	12	890	76
L-MAIN-21	7	<1	160	17	1150	174
L-MAIN-22	8	1	394	33	370	140
L-MAIN-23	4	<1	76	6	210	84
L-MAIN-24	3	<1	45	6	860	23
L-MAIN-25	47	1	1230	93	800	67
*Rep L-MAIN-25	49	2	1490	103	860	72
L-MAIN-26	8	<1	258	22	210	140
L-MAIN-27	3	<1	174	12	370	44
L-MAIN-28	3	<1	53	9	620	48
L-MAIN-29	2	<1	87	12	930	48
L-MAIN-30	2	<1	98	10	300	35
*Std MMISRM16	42	<1	9	<1	200	13
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102670

To: **Geotronics Consulting Inc.**

Attn: David G.Mark
6204 - 125th Street
SURREY
BC V3X 2E1

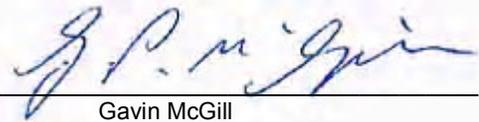
Date: Oct 08, 2008

P.O. No. :
Project No. : EAST CLORES
No. Of Samples 32
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 32 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-63700E-34025N	14	>300	10	0.1	1600	<1	40	18	196	48
*Rep L-63700E-34025N	16	>300	<10	0.1	1460	<1	40	18	233	36
L-63700E-34050N	5	>300	<10	<0.1	420	<1	20	9	32	73
L-63700E-34075N	42	221	<10	0.2	280	<1	30	12	149	74
L-63700E-34100N	31	>300	<10	0.1	640	<1	<10	9	26	74
L-63700E-34125N	23	104	<10	<0.1	960	<1	350	5	6	18
L-63700E-34150N	20	>300	<10	<0.1	570	<1	70	31	10	122
L-63700E-34175N	15	>300	<10	<0.1	400	<1	20	30	12	34
L-63700E-34200N	43	>300	<10	0.1	230	<1	<10	8	58	342
L-63700E-34225N	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-63700E-34250N	5	>300	<10	<0.1	280	<1	<10	3	7	89
L-63700E-34275N	5	145	<10	<0.1	280	<1	180	23	55	49
L-63700E-34300N	<1	>300	<10	<0.1	220	<1	60	7	<5	52
L-63700E-34325N	22	>300	<10	<0.1	190	<1	30	13	62	72
*Rep L-63700E-34325N	15	>300	<10	<0.1	210	<1	20	14	47	82
L-63600E-33800N	12	>300	<10	<0.1	450	<1	30	18	21	61
L-63600E-33825N	2	>300	<10	<0.1	620	<1	210	15	93	23
L-63600E-33850N	8	>300	<10	<0.1	1100	<1	120	3	987	54
L-63600E-33875N	16	>300	50	<0.1	1040	<1	80	9	659	248
L-63600E-33900N	<1	>300	<10	<0.1	1560	<1	170	11	<5	131
L-63600E-33925N	1	>300	10	<0.1	360	<1	<10	4	19	51
L-63600E-33950N	12	>300	10	<0.1	420	<1	<10	3	79	138
L-63600E-33975N	5	>300	<10	<0.1	650	<1	70	4	39	236
L-63600E-34000N	2	>300	<10	<0.1	460	<1	<10	11	<5	70
L-63600E-34025N	<1	160	<10	<0.1	180	<1	10	11	9	27
L-63600E-34050N	15	>300	<10	<0.1	390	<1	<10	2	10	21
L-63600E-34075N	18	75	<10	<0.1	130	<1	<10	4	6	34
*Rep L-63600E-34075N	18	77	<10	<0.1	170	<1	<10	4	6	31
L-63600E-34100N	4	>300	10	<0.1	190	<1	50	9	32	142
L-63600E-34125N	66	161	<10	<0.1	570	<1	50	6	196	54
L-63600E-34150N	44	>300	<10	<0.1	410	<1	20	16	48	129
L-63600E-34175N	9	>300	<10	<0.1	380	<1	10	6	47	196
L-63600E-34200N	24	212	<10	<0.1	220	<1	10	15	112	101
L-63600E-34225N	6	>300	<10	<0.1	280	<1	20	7	12	152
L-63600E-34250N	13	>300	<10	<0.1	380	<1	10	4	23	130
*Std MMISRM16	19	55	10	31.4	80	<1	290	4	23	62
*BIK BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-63700E-34025N	<100	290	168	89.0	36.0	46	165	138	<5	8
*Rep L-63700E-34025N	<100	310	177	90.3	39.5	37	179	153	<5	7
L-63700E-34050N	<100	320	35	19.3	4.8	64	22	10	<5	7
L-63700E-34075N	<100	470	76	40.1	14.1	45	60	46	<5	5
L-63700E-34100N	<100	320	17	12.2	2.0	43	8	7	<5	2
L-63700E-34125N	<100	300	12	6.9	3.3	8	15	10	<5	29
L-63700E-34150N	<100	440	20	14.1	2.0	58	10	4	<5	31
L-63700E-34175N	<100	430	24	15.4	3.0	51	14	8	<5	6
L-63700E-34200N	<100	410	28	17.2	4.3	118	20	19	<5	3
L-63700E-34225N	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-63700E-34250N	<100	130	8	7.3	0.6	196	3	3	<5	12
L-63700E-34275N	<100	460	33	20.8	7.4	49	34	40	<5	13
L-63700E-34300N	<100	50	2	2.0	<0.5	103	<1	1	11	14
L-63700E-34325N	<100	320	45	26.4	7.4	68	33	21	<5	6
*Rep L-63700E-34325N	<100	320	46	27.7	6.7	72	31	15	<5	7
L-63600E-33800N	<100	880	19	12.2	2.5	82	11	6	<5	10
L-63600E-33825N	<100	400	77	40.6	12.5	44	62	35	<5	22
L-63600E-33850N	<100	310	157	64.3	34.6	88	191	262	<5	11
L-63600E-33875N	<100	200	147	67.8	35.3	92	169	185	<5	23
L-63600E-33900N	<100	60	12	15.2	0.8	63	4	5	6	33
L-63600E-33925N	<100	80	6	4.2	1.4	79	5	9	<5	5
L-63600E-33950N	<100	170	25	14.3	4.0	195	22	27	<5	8
L-63600E-33975N	<100	180	56	26.1	8.4	34	38	9	<5	33
L-63600E-34000N	<100	120	7	6.7	0.5	69	2	2	6	9
L-63600E-34025N	<100	160	4	2.7	0.7	38	3	4	5	6
L-63600E-34050N	<100	350	5	4.2	0.5	58	3	3	<5	<1
L-63600E-34075N	<100	190	14	9.2	1.1	28	5	1	<5	1
*Rep L-63600E-34075N	<100	190	13	9.2	1.1	28	5	2	<5	2
L-63600E-34100N	<100	200	14	9.1	2.7	109	10	13	8	8
L-63600E-34125N	<100	280	103	48.6	33.8	32	149	160	<5	8
L-63600E-34150N	<100	820	23	13.7	3.8	111	17	22	<5	5
L-63600E-34175N	<100	280	44	27.6	6.5	83	27	15	<5	10
L-63600E-34200N	<100	560	73	41.7	11.4	28	53	35	<5	3
L-63600E-34225N	<100	220	11	9.7	1.2	101	5	5	<5	10
L-63600E-34250N	<100	240	30	22.2	2.1	132	12	10	<5	7
*Std MMISRM16	<100	680	3	1.0	1.3	3	5	6	<5	47
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-63700E-34025N	<5	5.1	441	61	30	<1	80	<1	166	<1
*Rep L-63700E-34025N	<5	3.8	477	54	20	<1	88	<1	149	<1
L-63700E-34050N	<5	4.9	41	46	250	<1	7	<1	54	<1
L-63700E-34075N	<5	3.1	137	67	60	<1	26	<1	151	<1
L-63700E-34100N	<5	2.4	18	77	70	<1	3	<1	154	<1
L-63700E-34125N	<5	<0.5	32	22	20	<1	5	<1	125	<1
L-63700E-34150N	<5	3.3	17	62	90	<1	3	<1	71	<1
L-63700E-34175N	<5	2.4	28	46	50	<1	5	<1	61	<1
L-63700E-34200N	<5	4.4	45	119	20	<1	9	<1	76	<1
L-63700E-34225N	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-63700E-34250N	<5	18.3	5	112	30	<1	<1	<1	8	<1
L-63700E-34275N	<5	0.7	90	121	<10	<1	18	<1	64	<1
L-63700E-34300N	<5	4.2	2	71	20	<1	<1	<1	10	<1
L-63700E-34325N	<5	3.5	76	131	50	<1	13	<1	67	<1
*Rep L-63700E-34325N	<5	3.4	63	105	50	<1	10	<1	66	<1
L-63600E-33800N	<5	5.1	19	85	80	<1	3	<1	113	<1
L-63600E-33825N	<5	0.7	119	37	40	<1	21	<1	77	<1
L-63600E-33850N	<5	1.4	629	65	110	<1	132	<1	16	<1
L-63600E-33875N	<5	2.3	514	165	100	<1	100	<1	235	<1
L-63600E-33900N	<5	<0.5	9	52	<10	<1	2	<1	61	<1
L-63600E-33925N	<5	21.4	13	73	80	<1	3	<1	133	3
L-63600E-33950N	<5	12.5	59	53	50	<1	12	<1	136	<1
L-63600E-33975N	<5	1.7	59	123	20	<1	9	<1	67	<1
L-63600E-34000N	<5	2.2	4	50	20	<1	<1	<1	25	<1
L-63600E-34025N	<5	9.8	8	30	200	<1	1	<1	110	<1
L-63600E-34050N	<5	2.4	6	28	40	<1	1	<1	166	<1
L-63600E-34075N	<5	<0.5	9	31	50	<1	1	<1	131	<1
*Rep L-63600E-34075N	<5	<0.5	9	32	50	<1	1	<1	137	<1
L-63600E-34100N	<5	19.0	26	72	200	<1	5	<1	30	<1
L-63600E-34125N	<5	4.0	453	36	50	<1	83	<1	203	<1
L-63600E-34150N	<5	2.0	44	75	10	<1	9	<1	135	<1
L-63600E-34175N	<5	6.1	52	308	20	<1	9	<1	118	<1
L-63600E-34200N	<5	0.7	130	77	20	<1	23	<1	133	<1
L-63600E-34225N	<5	3.6	11	145	20	<1	2	<1	86	<1
L-63600E-34250N	<5	12.7	17	52	40	<1	3	<1	29	<1
*Std MMISRM16	56	<0.5	19	240	110	27	4	<1	368	<1
*BIK BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-63700E-34025N	137	126	<1	310	<1	26	<10	6.1	4510	<0.5
*Rep L-63700E-34025N	141	133	<1	280	<1	28	<10	5.7	3420	<0.5
L-63700E-34050N	77	14	<1	120	<1	5	<10	3.7	3290	<0.5
L-63700E-34075N	162	43	<1	80	<1	11	<10	7.0	2810	<0.5
L-63700E-34100N	53	5	<1	90	<1	2	<10	2.8	2460	<0.5
L-63700E-34125N	15	11	<1	1090	<1	2	<10	1.0	243	<0.5
L-63700E-34150N	30	6	<1	470	<1	2	<10	1.5	2270	<0.5
L-63700E-34175N	49	10	<1	100	<1	3	<10	2.5	1610	<0.5
L-63700E-34200N	108	14	<1	20	<1	4	<10	9.7	4660	<0.5
L-63700E-34225N	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-63700E-34250N	35	2	2	60	<1	<1	<10	3.7	21100	<0.5
L-63700E-34275N	56	25	<1	440	<1	5	<10	1.4	576	<0.5
L-63700E-34300N	41	<1	<1	260	<1	<1	<10	3.2	3860	<0.5
L-63700E-34325N	89	23	<1	160	<1	6	<10	5.3	3380	<0.5
*Rep L-63700E-34325N	79	20	<1	170	<1	6	<10	4.9	3330	<0.5
L-63600E-33800N	44	6	<1	230	<1	2	<10	3.1	2080	<0.5
L-63600E-33825N	43	42	<1	1030	<1	11	<10	4.5	304	<0.5
L-63600E-33850N	84	166	<1	310	<1	29	<10	24.0	772	<0.5
L-63600E-33875N	131	142	<1	380	<1	26	<10	22.8	1220	<0.5
L-63600E-33900N	22	3	<1	1200	<1	1	<10	1.3	120	<0.5
L-63600E-33925N	77	4	2	130	<1	<1	<10	4.6	24600	<0.5
L-63600E-33950N	156	17	1	50	<1	4	<10	8.3	11800	<0.5
L-63600E-33975N	88	23	<1	560	<1	8	<10	3.5	2330	<0.5
L-63600E-34000N	34	1	<1	200	<1	<1	<10	1.9	2040	<0.5
L-63600E-34025N	44	2	2	90	<1	<1	<10	4.5	8620	<0.5
L-63600E-34050N	25	2	<1	40	<1	<1	<10	3.4	951	<0.5
L-63600E-34075N	31	3	<1	10	<1	1	<10	1.0	183	<0.5
*Rep L-63600E-34075N	32	3	<1	20	<1	1	<10	1.0	183	<0.5
L-63600E-34100N	114	8	3	90	<1	2	<10	8.7	22200	<0.5
L-63600E-34125N	123	122	<1	120	<1	19	<10	4.9	2120	<0.5
L-63600E-34150N	77	13	<1	130	<1	3	<10	4.6	1480	<0.5
L-63600E-34175N	76	17	<1	210	<1	6	<10	5.2	5820	<0.5
L-63600E-34200N	82	38	<1	80	<1	10	<10	3.2	484	<0.5
L-63600E-34225N	43	4	<1	110	<1	1	<10	3.2	2980	<0.5
L-63600E-34250N	69	6	<1	100	<1	3	<10	7.1	4930	<0.5
*Std MMISRM16	8	6	<1	550	<1	<1	<10	28.6	6	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102670 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-63700E-34025N	18	1	1050	58	290	114
*Rep L-63700E-34025N	18	<1	1070	62	220	97
L-63700E-34050N	4	<1	189	15	1170	71
L-63700E-34075N	7	<1	378	28	370	162
L-63700E-34100N	3	<1	102	10	530	51
L-63700E-34125N	5	<1	72	5	510	13
L-63700E-34150N	3	<1	109	11	830	24
L-63700E-34175N	4	<1	144	11	710	42
L-63700E-34200N	7	<1	137	14	910	214
L-63700E-34225N	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-63700E-34250N	3	<1	48	7	600	147
L-63700E-34275N	17	<1	222	16	690	20
L-63700E-34300N	3	<1	10	3	1120	58
L-63700E-34325N	6	<1	258	20	1960	88
*Rep L-63700E-34325N	6	<1	248	21	2420	82
L-63600E-33800N	3	<1	106	9	1370	49
L-63600E-33825N	9	<1	445	26	680	21
L-63600E-33850N	8	<1	730	37	1550	75
L-63600E-33875N	9	1	791	47	1800	90
L-63600E-33900N	4	<1	61	19	710	12
L-63600E-33925N	3	1	31	4	400	119
L-63600E-33950N	6	1	121	11	590	159
L-63600E-33975N	4	<1	285	16	370	57
L-63600E-34000N	2	<1	39	7	580	34
L-63600E-34025N	3	<1	21	3	1100	84
L-63600E-34050N	3	<1	23	4	180	68
L-63600E-34075N	3	<1	73	7	220	22
*Rep L-63600E-34075N	3	<1	74	7	210	22
L-63600E-34100N	4	2	67	9	860	181
L-63600E-34125N	8	<1	577	33	270	97
L-63600E-34150N	8	<1	116	11	240	81
L-63600E-34175N	4	<1	236	21	400	79
L-63600E-34200N	5	<1	404	30	220	49
L-63600E-34225N	3	<1	59	9	750	69
L-63600E-34250N	3	<1	144	16	970	121
*Std MMISRM16	48	<1	11	<1	250	15
*BIK BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102671

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Oct 08, 2008

P.O. No. :
Project No. : CLORES
No. Of Samples 58
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 58 Soils

Certified By : _____

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-33100N-61350E	10	>300	10	<0.1	410	<1	30	13	50	67
*Rep L-33100N-61350E	6	>300	<10	<0.1	420	<1	30	12	35	79
L-33100N-61375E	<1	300	<10	<0.1	350	<1	20	3	<5	14
L-33100N-61400E	<1	282	<10	<0.1	850	<1	<10	3	<5	14
L-33100N-61425E	<1	261	<10	<0.1	550	<1	<10	3	10	34
L-33100N-61450E	2	260	<10	<0.1	870	<1	<10	5	<5	26
L-33100N-61475E	6	>300	<10	<0.1	200	<1	<10	7	<5	23
L-33100N-61500E	<1	>300	<10	<0.1	450	<1	110	14	<5	45
L-33100N-61525E	70	27	<10	0.2	110	<1	<10	5	73	5
L-33100N-61550E	3	253	<10	<0.1	170	<1	20	1	7	19
L-33100N-61575E	18	110	<10	<0.1	120	<1	<10	7	57	34
L-33100N-61600E	14	>300	30	<0.1	480	<1	20	7	59	71
L-33100N-61625E	15	>300	<10	<0.1	170	<1	<10	1	34	11
L-33100N-61650E	<1	118	<10	<0.1	320	<1	40	5	17	55
*Rep L-33100N-61650E	<1	121	<10	<0.1	350	<1	30	4	10	53
L-33100N-61675E	2	247	<10	<0.1	450	<1	<10	8	8	24
L-33100N-61700E	5	165	<10	<0.1	340	<1	<10	<1	16	39
L-33100N-61725E	5	153	<10	<0.1	280	<1	10	1	7	20
L-33100N-61750E	4	>300	10	<0.1	760	<1	40	21	79	81
L-33100N-61775E	<1	300	<10	<0.1	780	<1	60	5	9	118
L-33100N-61800E	4	288	<10	<0.1	370	<1	10	2	8	24
L-33100N-61825E	3	>300	<10	<0.1	450	<1	50	5	<5	22
L-33100N-61850E	2	>300	10	<0.1	310	<1	20	4	<5	41
L-33100N-61875E	<1	>300	<10	<0.1	430	<1	20	4	<5	156
L-33100N-61900E	1	>300	10	<0.1	520	<1	<10	4	22	70
L-33100N-61925E	60	201	20	<0.1	2130	<1	10	4	61	60
L-33100N-61950E	29	273	10	<0.1	970	<1	60	18	58	89
*Rep L-33100N-61950E	28	255	10	<0.1	920	<1	80	23	53	91
L-33100N-61975E	19	>300	<10	<0.1	660	<1	<10	17	41	34
L-33100N-62000E	31	>300	20	<0.1	830	<1	40	14	136	62
L-33100N-62025E	50	171	10	0.1	1110	<1	60	10	281	107
L-33100N-62050E	18	>300	10	<0.1	2180	<1	20	17	118	183
L-33100N-62075E	9	>300	<10	<0.1	500	<1	70	14	28	38
L-32900N-61150E	42	205	<10	<0.1	440	<1	40	10	49	39
L-32900N-61175E	34	198	<10	<0.1	450	<1	30	14	63	52
L-32900N-61200E	11	133	<10	<0.1	290	<1	300	11	23	<5
L-32900N-61225E	20	239	<10	<0.1	290	<1	<10	21	27	75
L-32900N-61250E	11	274	<10	<0.1	410	<1	<10	10	21	94
L-32900N-61300E	2	151	<10	<0.1	250	<1	10	9	9	54
L-32900N-61325E	4	214	<10	<0.1	320	<1	40	44	7	23
*Rep L-32900N-61325E	4	220	<10	<0.1	340	<1	30	45	7	24
L-32900N-61350E	2	58	<10	<0.1	710	<1	470	25	13	50
L-32900N-61375E	3	254	<10	<0.1	390	<1	<10	4	8	59

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-32900N-61400E	20	272	<10	<0.1	350	<1	20	39	19	24
L-32900N-61425E	3	236	<10	<0.1	710	<1	120	54	29	15
L-32900N-61450E	<1	215	<10	<0.1	230	<1	80	54	8	62
L-32900N-61475E	7	>300	<10	<0.1	340	<1	<10	20	9	29
L-32900N-61500E	8	>300	30	<0.1	2350	<1	80	9	438	51
L-32900N-61525E	9	>300	<10	<0.1	340	<1	<10	4	<5	16
L-32900N-61550E	2	295	10	<0.1	1040	<1	50	9	18	51
L-32900N-61575E	5	208	<10	<0.1	820	<1	30	33	51	45
L-32900N-61600E	7	>300	10	<0.1	430	<1	10	3	10	27
L-32900N-61625E	17	251	<10	<0.1	300	<1	<10	6	8	23
*Rep L-32900N-61625E	8	221	<10	<0.1	360	<1	<10	4	6	18
L-32900N-61650E	10	203	<10	<0.1	270	<1	<10	21	14	25
L-32900N-61675E	18	>300	<10	<0.1	260	<1	<10	6	34	37
L-32900N-61700E	1	86	<10	<0.1	750	<1	20	<1	8	48
L-32900N-61725E	27	268	<10	<0.1	1120	<1	<10	11	7	16
L-32900N-61750E	1	252	<10	<0.1	290	<1	20	1	5	15
L-32900N-61775E	14	291	<10	<0.1	420	<1	<10	14	6	42
L-32900N-61800E	42	190	10	0.2	1590	<1	210	18	319	48
L-32900N-61825E	19	261	<10	<0.1	430	<1	40	13	69	105
L-32900N-61850E	<1	252	<10	<0.1	480	<1	<10	4	<5	24
*Std MMISRM16	18	42	10	28.7	90	<1	240	4	25	54
*Std MMISRM16	20	42	10	28.3	90	<1	220	4	27	54
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-33100N-61350E	<100	350	44	25.9	5.2	75	26	16	<5	6
*Rep L-33100N-61350E	<100	340	33	24.1	3.1	81	16	11	<5	6
L-33100N-61375E	<100	30	<1	0.6	<0.5	121	<1	1	<5	9
L-33100N-61400E	<100	<10	<1	<0.5	<0.5	103	<1	1	<5	15
L-33100N-61425E	<100	20	1	0.8	<0.5	164	1	2	7	7
L-33100N-61450E	<100	20	<1	<0.5	<0.5	72	<1	1	<5	10
L-33100N-61475E	<100	100	2	2.7	<0.5	55	<1	1	<5	3
L-33100N-61500E	<100	60	1	1.4	<0.5	70	<1	<1	<5	13
L-33100N-61525E	<100	70	39	24.3	10.1	5	44	35	<5	<1
L-33100N-61550E	<100	70	1	1.4	<0.5	243	<1	4	<5	3
L-33100N-61575E	<100	270	39	25.6	7.1	16	32	25	<5	2
L-33100N-61600E	<100	360	18	12.5	2.5	201	10	13	<5	7
L-33100N-61625E	<100	160	8	5.3	1.6	120	6	11	<5	<1
L-33100N-61650E	<100	140	15	12.6	2.3	164	10	7	<5	6
*Rep L-33100N-61650E	<100	120	10	10.4	1.2	166	6	4	<5	6
L-33100N-61675E	<100	50	3	2.2	0.5	80	2	3	<5	6
L-33100N-61700E	<100	250	5	4.7	0.7	269	3	5	<5	1
L-33100N-61725E	<100	660	3	4.6	<0.5	243	1	2	<5	3
L-33100N-61750E	<100	960	59	35.3	7.7	69	37	25	<5	13
L-33100N-61775E	<100	240	4	9.6	<0.5	106	2	3	<5	15
L-33100N-61800E	<100	60	3	3.4	<0.5	98	2	4	<5	5
L-33100N-61825E	<100	80	2	2.7	<0.5	87	<1	1	<5	10
L-33100N-61850E	<100	120	3	2.7	<0.5	133	1	2	<5	6
L-33100N-61875E	<100	40	2	2.7	<0.5	102	<1	1	<5	24
L-33100N-61900E	<100	120	9	8.2	0.8	124	4	6	<5	4
L-33100N-61925E	<100	180	26	15.2	5.7	85	24	14	<5	3
L-33100N-61950E	<100	340	30	16.2	7.9	73	34	29	<5	8
*Rep L-33100N-61950E	<100	380	33	18.2	8.4	66	37	30	<5	10
L-33100N-61975E	<100	260	20	10.3	3.5	55	16	16	<5	3
L-33100N-62000E	<100	520	28	12.4	5.6	69	24	32	<5	6
L-33100N-62025E	<100	670	88	41.5	19.1	42	78	103	<5	8
L-33100N-62050E	<100	440	60	24.6	9.1	38	36	37	<5	4
L-33100N-62075E	<100	320	13	6.0	1.8	97	8	6	<5	22
L-32900N-61150E	<100	220	25	14.4	3.8	60	17	15	<5	11
L-32900N-61175E	<100	250	31	17.5	6.4	34	26	20	<5	4
L-32900N-61200E	<100	80	43	25.2	10.3	11	40	24	<5	23
L-32900N-61225E	<100	180	41	28.7	4.9	51	22	10	<5	2
L-32900N-61250E	<100	250	13	11.0	1.2	100	5	6	<5	3
L-32900N-61300E	<100	130	7	6.3	<0.5	95	2	2	<5	4
L-32900N-61325E	<100	550	9	6.5	0.6	101	3	3	<5	3
*Rep L-32900N-61325E	<100	570	9	6.7	0.6	115	3	3	<5	3
L-32900N-61350E	<100	90	15	13.9	2.4	11	12	10	<5	41
L-32900N-61375E	<100	90	2	2.0	<0.5	123	2	3	<5	3

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-32900N-61400E	<100	290	28	18.0	2.5	65	12	6	<5	4
L-32900N-61425E	<100	450	152	114	13.0	70	69	16	<5	6
L-32900N-61450E	<100	270	5	3.7	0.7	67	3	2	6	14
L-32900N-61475E	<100	130	34	19.0	2.1	20	10	3	<5	3
L-32900N-61500E	<100	380	132	59.7	29.7	84	134	209	<5	13
L-32900N-61525E	<100	50	1	1.3	<0.5	99	<1	2	<5	5
L-32900N-61550E	<100	180	2	2.4	<0.5	208	1	3	<5	9
L-32900N-61575E	<100	1020	74	77.2	9.9	119	42	33	<5	6
L-32900N-61600E	<100	60	3	3.0	<0.5	109	1	4	<5	9
L-32900N-61625E	<100	140	3	3.6	<0.5	52	1	4	<5	3
*Rep L-32900N-61625E	<100	80	2	2.2	<0.5	45	<1	3	<5	3
L-32900N-61650E	<100	320	10	9.0	1.0	51	4	5	<5	2
L-32900N-61675E	<100	270	13	10.4	1.8	79	7	11	<5	1
L-32900N-61700E	<100	160	2	2.3	<0.5	396	<1	5	<5	7
L-32900N-61725E	<100	190	3	2.9	<0.5	38	1	3	<5	<1
L-32900N-61750E	<100	70	3	3.3	<0.5	106	1	3	<5	4
L-32900N-61775E	<100	300	7	7.3	<0.5	47	2	3	<5	4
L-32900N-61800E	100	12900	96	46.4	31.0	29	130	180	<5	14
L-32900N-61825E	<100	390	32	18.3	5.3	55	23	25	<5	4
L-32900N-61850E	<100	30	<1	<0.5	<0.5	71	<1	1	<5	5
*Std MMISRM16	200	550	2	0.8	1.1	3	5	6	<5	38
*Std MMISRM16	100	580	2	0.8	1.1	4	5	7	<5	37
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-33100N-61350E	<5	5.2	44	61	60	<1	8	<1	102	<1
*Rep L-33100N-61350E	<5	5.1	26	48	50	<1	5	<1	97	<1
L-33100N-61375E	<5	3.6	2	16	<10	<1	<1	<1	28	<1
L-33100N-61400E	<5	2.2	1	12	<10	<1	<1	<1	26	<1
L-33100N-61425E	<5	2.3	3	16	<10	<1	<1	<1	24	<1
L-33100N-61450E	<5	0.6	1	23	<10	<1	<1	<1	29	<1
L-33100N-61475E	<5	3.5	1	24	10	<1	<1	<1	27	<1
L-33100N-61500E	<5	6.6	<1	42	60	<1	<1	<1	56	<1
L-33100N-61525E	9	<0.5	116	5	70	<1	22	<1	210	<1
L-33100N-61550E	<5	6.8	3	45	<10	<1	<1	<1	20	<1
L-33100N-61575E	<5	<0.5	74	36	100	<1	14	<1	130	<1
L-33100N-61600E	<5	12.2	25	50	40	<1	5	<1	148	<1
L-33100N-61625E	<5	2.5	16	40	10	<1	4	<1	32	<1
L-33100N-61650E	<5	1.2	17	12	100	<1	4	<1	8	<1
*Rep L-33100N-61650E	<5	1.1	9	12	70	<1	2	<1	8	<1
L-33100N-61675E	<5	9.3	5	30	80	<1	1	<1	78	<1
L-33100N-61700E	<5	3.1	7	32	<10	<1	2	<1	41	<1
L-33100N-61725E	<5	2.0	3	20	<10	<1	<1	<1	31	<1
L-33100N-61750E	<5	5.3	69	127	130	<1	14	<1	84	<1
L-33100N-61775E	<5	2.5	5	51	20	<1	1	<1	141	<1
L-33100N-61800E	<5	4.9	4	20	10	<1	1	<1	89	<1
L-33100N-61825E	<5	1.6	2	65	<10	<1	<1	<1	56	<1
L-33100N-61850E	<5	12.1	2	11	90	<1	<1	<1	29	<1
L-33100N-61875E	<5	4.4	2	18	<10	<1	<1	<1	36	<1
L-33100N-61900E	<5	12.6	8	23	50	<1	2	<1	78	<1
L-33100N-61925E	<5	5.6	48	28	160	<1	8	<1	224	<1
L-33100N-61950E	<5	3.7	78	61	100	<1	15	<1	141	<1
*Rep L-33100N-61950E	<5	3.3	83	66	90	<1	16	<1	153	<1
L-33100N-61975E	<5	2.0	35	43	80	<1	8	<1	84	<1
L-33100N-62000E	<5	4.5	57	49	80	<1	13	<1	166	<1
L-33100N-62025E	<5	8.7	197	81	130	<1	43	<1	304	<1
L-33100N-62050E	<5	3.2	76	96	60	<1	18	<1	223	<1
L-33100N-62075E	<5	3.8	14	36	80	<1	3	<1	26	<1
L-32900N-61150E	<5	3.3	33	43	70	<1	7	<1	208	<1
L-32900N-61175E	<5	1.6	55	28	80	<1	11	<1	173	<1
L-32900N-61200E	<5	<0.5	70	23	<10	<1	13	<1	60	<1
L-32900N-61225E	<5	1.3	31	44	110	<1	6	<1	79	<1
L-32900N-61250E	<5	2.0	10	41	40	<1	2	<1	61	<1
L-32900N-61300E	<5	1.1	3	17	20	<1	<1	<1	92	<1
L-32900N-61325E	<5	2.3	5	44	240	<1	<1	<1	99	<1
*Rep L-32900N-61325E	<5	2.5	5	48	240	<1	<1	<1	93	<1
L-32900N-61350E	<5	<0.5	19	22	20	<1	4	<1	17	<1
L-32900N-61375E	<5	3.3	4	34	<10	<1	1	<1	91	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-32900N-61400E	<5	3.4	17	65	80	<1	3	<1	62	<1
L-32900N-61425E	<5	2.7	79	47	70	<1	13	<1	60	<1
L-32900N-61450E	<5	5.7	5	27	140	<1	<1	<1	90	<1
L-32900N-61475E	<5	0.5	9	22	<10	<1	2	<1	25	<1
L-32900N-61500E	<5	11.2	372	25	30	<1	87	<1	143	<1
L-32900N-61525E	<5	3.8	2	34	<10	<1	<1	<1	22	<1
L-32900N-61550E	<5	20.7	3	76	20	<1	<1	<1	9	<1
L-32900N-61575E	6	6.3	83	29	90	<1	17	<1	23	2
L-32900N-61600E	<5	6.7	5	24	<10	<1	1	<1	33	<1
L-32900N-61625E	<5	2.5	4	13	10	<1	1	<1	145	<1
*Rep L-32900N-61625E	<5	1.5	3	10	<10	<1	<1	<1	147	<1
L-32900N-61650E	<5	2.6	9	46	90	<1	2	<1	75	<1
L-32900N-61675E	<5	1.9	16	24	20	<1	4	<1	116	<1
L-32900N-61700E	<5	8.1	3	18	<10	<1	<1	<1	33	<1
L-32900N-61725E	<5	2.0	4	10	70	<1	<1	<1	55	<1
L-32900N-61750E	<5	4.6	3	12	<10	<1	<1	<1	13	<1
L-32900N-61775E	<5	1.5	4	29	40	<1	<1	<1	59	<1
L-32900N-61800E	<5	1.6	348	81	120	<1	76	<1	136	<1
L-32900N-61825E	<5	3.2	54	61	110	<1	12	<1	230	<1
L-32900N-61850E	<5	0.6	1	20	<10	<1	<1	<1	91	<1
*Std MMISRM16	44	<0.5	18	186	80	23	4	<1	335	<1
*Std MMISRM16	48	<0.5	18	185	80	24	4	<1	358	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-33100N-61350E	74	16	<1	160	<1	7	<10	5.8	2440	<0.5
*Rep L-33100N-61350E	64	10	<1	170	<1	5	<10	5.1	2460	<0.5
L-33100N-61375E	17	<1	<1	440	<1	<1	<10	2.9	1280	<0.5
L-33100N-61400E	13	<1	<1	440	<1	<1	<10	1.3	854	<0.5
L-33100N-61425E	20	<1	<1	220	<1	<1	<10	2.2	1360	<0.5
L-33100N-61450E	7	<1	<1	310	<1	<1	<10	<0.5	94	<0.5
L-33100N-61475E	19	<1	<1	140	<1	<1	<10	2.7	1410	<0.5
L-33100N-61500E	31	<1	<1	400	<1	<1	<10	2.5	2720	<0.5
L-33100N-61525E	53	35	<1	<10	<1	8	<10	<0.5	25	<0.5
L-33100N-61550E	8	<1	1	250	<1	<1	<10	3.0	3050	<0.5
L-33100N-61575E	82	22	<1	<10	<1	7	<10	1.7	37	<0.5
L-33100N-61600E	71	8	1	170	<1	3	<10	10.4	6150	<0.5
L-33100N-61625E	64	5	<1	30	<1	1	<10	4.7	1730	<0.5
L-33100N-61650E	31	7	<1	170	<1	2	<10	3.5	495	<0.5
*Rep L-33100N-61650E	29	4	<1	180	<1	1	<10	3.1	519	<0.5
L-33100N-61675E	32	1	1	310	<1	<1	<10	7.2	4950	<0.5
L-33100N-61700E	31	2	<1	80	<1	<1	<10	4.1	1300	<0.5
L-33100N-61725E	19	<1	<1	110	<1	<1	<10	2.9	975	<0.5
L-33100N-61750E	76	24	<1	230	<1	10	<10	6.6	2130	<0.5
L-33100N-61775E	66	1	<1	360	<1	<1	<10	3.6	1150	<0.5
L-33100N-61800E	23	1	<1	170	<1	<1	<10	3.0	2300	<0.5
L-33100N-61825E	14	<1	<1	470	<1	<1	<10	1.0	374	<0.5
L-33100N-61850E	37	<1	1	180	<1	<1	<10	3.5	5430	<0.5
L-33100N-61875E	41	<1	<1	210	<1	<1	<10	1.9	1990	<0.5
L-33100N-61900E	38	3	2	110	<1	1	<10	5.2	7290	<0.5
L-33100N-61925E	43	18	<1	130	<1	5	<10	5.3	3840	<0.5
L-33100N-61950E	34	26	<1	120	<1	6	<10	9.2	1840	<0.5
*Rep L-33100N-61950E	31	27	<1	150	<1	6	<10	8.0	1620	<0.5
L-33100N-61975E	39	11	<1	80	<1	3	<10	3.4	1170	<0.5
L-33100N-62000E	72	20	<1	80	<1	5	<10	10.3	2850	<0.5
L-33100N-62025E	187	63	<1	190	<1	17	<10	8.0	1780	<0.5
L-33100N-62050E	125	28	<1	160	<1	10	<10	4.7	1280	<0.5
L-33100N-62075E	21	5	<1	300	<1	2	<10	3.6	2330	<0.5
L-32900N-61150E	70	11	<1	120	<1	4	<10	5.3	2170	<0.5
L-32900N-61175E	83	19	<1	90	<1	6	<10	4.6	1000	<0.5
L-32900N-61200E	92	25	<1	1010	<1	8	<10	1.4	80	<0.5
L-32900N-61225E	60	13	<1	60	<1	6	<10	2.9	483	<0.5
L-32900N-61250E	35	4	<1	80	<1	2	<10	4.0	1080	<0.5
L-32900N-61300E	18	1	<1	90	<1	<1	<10	1.9	442	<0.5
L-32900N-61325E	18	2	<1	190	<1	1	<10	2.3	863	<0.5
*Rep L-32900N-61325E	18	2	<1	220	<1	1	<10	2.3	950	<0.5
L-32900N-61350E	6	7	<1	1660	<1	2	<10	<0.5	58	<0.5
L-32900N-61375E	15	1	<1	70	<1	<1	<10	2.3	1260	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-32900N-61400E	36	7	<1	130	<1	4	<10	2.8	1290	<0.5
L-32900N-61425E	51	34	<1	870	<1	20	<10	2.4	722	<0.5
L-32900N-61450E	60	2	<1	460	<1	<1	<10	5.9	3070	<0.5
L-32900N-61475E	30	5	<1	190	<1	4	<10	0.6	356	<0.5
L-32900N-61500E	183	105	<1	530	<1	26	<10	20.6	3660	<0.5
L-32900N-61525E	19	<1	<1	170	<1	<1	<10	3.3	2520	<0.5
L-32900N-61550E	16	<1	2	460	1	<1	<10	2.9	8890	<0.5
L-32900N-61575E	200	27	<1	300	<1	10	<10	6.5	1480	0.5
L-32900N-61600E	30	1	<1	350	<1	<1	<10	2.7	6050	<0.5
L-32900N-61625E	21	1	<1	90	<1	<1	<10	1.9	1020	<0.5
*Rep L-32900N-61625E	16	<1	<1	120	<1	<1	<10	1.3	600	<0.5
L-32900N-61650E	32	3	<1	80	<1	1	<10	2.4	865	<0.5
L-32900N-61675E	75	5	<1	30	<1	2	<10	5.8	831	<0.5
L-32900N-61700E	6	<1	2	330	<1	<1	<10	2.5	4140	<0.5
L-32900N-61725E	21	<1	<1	20	<1	<1	<10	2.2	562	<0.5
L-32900N-61750E	21	<1	<1	180	<1	<1	<10	3.9	1990	<0.5
L-32900N-61775E	25	1	<1	130	<1	<1	<10	1.5	581	<0.5
L-32900N-61800E	145	102	<1	450	<1	21	<10	11.0	761	0.5
L-32900N-61825E	80	17	<1	140	<1	5	<10	7.4	889	<0.5
L-32900N-61850E	<5	<1	<1	120	<1	<1	<10	0.7	88	<0.5
*Std MMISRM16	9	5	<1	540	<1	<1	<10	27.9	7	<0.5
*Std MMISRM16	8	5	<1	550	<1	<1	<10	27.6	6	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	5	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102671 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-33100N-61350E	6	<1	246	19	840	72
*Rep L-33100N-61350E	5	<1	190	19	1000	65
L-33100N-61375E	1	<1	<5	<1	110	43
L-33100N-61400E	<1	<1	<5	<1	100	21
L-33100N-61425E	2	<1	<5	1	90	32
L-33100N-61450E	<1	<1	<5	<1	50	6
L-33100N-61475E	1	<1	14	3	500	16
L-33100N-61500E	2	<1	9	2	1080	26
L-33100N-61525E	7	<1	281	20	100	16
L-33100N-61550E	2	<1	8	2	40	24
L-33100N-61575E	4	<1	285	20	310	27
L-33100N-61600E	6	<1	87	12	430	148
L-33100N-61625E	3	<1	34	6	60	102
L-33100N-61650E	<1	<1	99	13	350	20
*Rep L-33100N-61650E	<1	<1	71	12	260	19
L-33100N-61675E	2	<1	19	2	1010	73
L-33100N-61700E	2	<1	25	5	110	50
L-33100N-61725E	2	<1	18	5	170	22
L-33100N-61750E	5	<1	367	26	2720	63
L-33100N-61775E	2	<1	25	20	800	41
L-33100N-61800E	2	<1	17	4	130	36
L-33100N-61825E	1	<1	11	4	130	9
L-33100N-61850E	2	<1	18	3	600	49
L-33100N-61875E	2	<1	13	4	520	28
L-33100N-61900E	3	<1	56	8	530	89
L-33100N-61925E	6	<1	171	12	1050	64
L-33100N-61950E	5	<1	191	11	1010	109
*Rep L-33100N-61950E	4	<1	223	12	1200	100
L-33100N-61975E	3	<1	111	8	710	39
L-33100N-62000E	6	<1	121	9	970	122
L-33100N-62025E	11	<1	405	33	1090	164
L-33100N-62050E	9	<1	191	18	1490	98
L-33100N-62075E	2	<1	59	4	700	47
L-32900N-61150E	6	<1	139	11	470	59
L-32900N-61175E	4	<1	190	14	470	62
L-32900N-61200E	13	<1	319	18	290	16
L-32900N-61225E	3	<1	289	22	640	25
L-32900N-61250E	3	<1	70	11	570	45
L-32900N-61300E	2	<1	39	6	480	21
L-32900N-61325E	2	<1	48	5	1840	20
*Rep L-32900N-61325E	2	<1	49	5	1950	21
L-32900N-61350E	3	<1	137	12	1280	<5
L-32900N-61375E	4	<1	11	3	60	33

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Final : TO102671 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-32900N-61400E	3	<1	163	13	1300	33
L-32900N-61425E	4	<1	1110	81	1300	16
L-32900N-61450E	3	<1	32	4	1390	88
L-32900N-61475E	3	<1	166	13	110	12
L-32900N-61500E	14	2	615	43	550	289
L-32900N-61525E	1	<1	6	2	190	44
L-32900N-61550E	2	1	14	3	790	52
L-32900N-61575E	20	1	514	62	400	68
L-32900N-61600E	2	<1	16	4	290	49
L-32900N-61625E	2	<1	17	4	150	33
*Rep L-32900N-61625E	2	<1	10	3	90	25
L-32900N-61650E	3	<1	55	8	260	39
L-32900N-61675E	6	<1	58	11	330	81
L-32900N-61700E	2	<1	11	3	80	35
L-32900N-61725E	3	<1	18	3	620	32
L-32900N-61750E	3	<1	15	4	240	28
L-32900N-61775E	1	<1	39	7	470	16
L-32900N-61800E	7	<1	506	34	650	86
L-32900N-61825E	6	<1	182	13	630	100
L-32900N-61850E	<1	<1	<5	<1	50	10
*Std MMISRM16	49	<1	10	<1	240	15
*Std MMISRM16	48	<1	11	<1	210	15
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102672

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

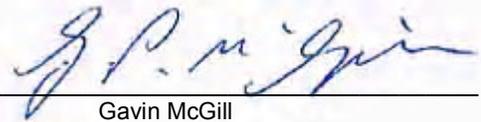
Date: Oct 08, 2008

P.O. No. :
Project No. : KEAP
No. Of Samples 69
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 69 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-L 1	<1	43	<10	<0.1	590	<1	380	44	11	26
*Rep L-L 1	<1	39	<10	<0.1	590	<1	350	44	8	24
L-L 2	<1	110	<10	<0.1	100	<1	50	3	<5	39
L-L 3	5	>300	<10	<0.1	190	<1	<10	5	9	45
L-L 4	<1	>300	<10	<0.1	340	<1	<10	9	<5	73
L-L 5	1	>300	<10	<0.1	520	1	<10	9	21	16
L-L 6	<1	32	<10	<0.1	250	<1	40	28	<5	14
L-L 7	3	>300	<10	<0.1	130	<1	20	3	<5	23
L-L 8	<1	31	<10	<0.1	220	<1	30	2	<5	11
L-L 9	1	176	<10	0.2	360	<1	30	1	8	15
L-L10	<1	>300	<10	<0.1	490	<1	<10	2	5	20
L-L11	<1	>300	<10	<0.1	330	<1	10	3	<5	23
L-L12	<1	38	<10	<0.1	170	<1	30	5	<5	6
L-L13	<1	>300	<10	<0.1	170	<1	<10	2	<5	<5
*Rep L-L13	<1	>300	<10	<0.1	180	<1	<10	<1	<5	<5
L-L14	8	150	<10	<0.1	380	<1	70	14	17	72
L-L15	<1	184	<10	<0.1	110	<1	<10	1	5	11
L-L16	11	>300	<10	<0.1	150	<1	<10	2	5	17
L-L17	12	>300	60	0.1	640	2	90	16	67	201
L-L18	<1	>300	<10	<0.1	350	<1	30	4	15	8
L-L19	<1	>300	<10	<0.1	340	<1	20	3	<5	9
L-L20	<1	>300	<10	<0.1	470	<1	50	13	6	19
L-L21	<1	164	<10	<0.1	150	<1	20	<1	<5	8
L-L22	4	>300	<10	<0.1	120	<1	<10	<1	5	6
L-L23	<1	142	<10	0.2	980	<1	30	2	31	80
L-L24	8	>300	<10	<0.1	230	<1	<10	5	6	17
L-L25	13	>300	<10	<0.1	280	<1	10	19	<5	11
*Rep L-L25	14	>300	<10	<0.1	260	<1	10	19	<5	11
L-L26	9	>300	<10	<0.1	660	<1	10	10	11	59
L-L27	1	>300	<10	<0.1	230	<1	<10	2	<5	35
L-L28	5	>300	<10	<0.1	220	<1	<10	6	13	39
L-L29	1	>300	<10	<0.1	240	<1	<10	2	8	31
L-L30	8	>300	<10	<0.1	130	<1	<10	3	9	16
L-L31	<1	29	<10	<0.1	120	<1	<10	1	<5	<5
L-L32	<1	>300	<10	<0.1	300	<1	<10	2	7	9
L- 1	2	187	<10	<0.1	310	<1	<10	<1	10	17
L- 2	<1	>300	<10	<0.1	150	<1	<10	<1	7	19
L- 3	2	>300	<10	<0.1	160	<1	<10	2	9	10
L- 4	1	>300	<10	<0.1	90	<1	<10	4	<5	14
L- 5	1	>300	<10	<0.1	160	<1	<10	<1	9	17
*Rep L- 5	1	>300	<10	<0.1	170	<1	<10	<1	9	19
L- 6	<1	>300	<10	<0.1	1390	<1	130	8	<5	30
L- 7	50	168	20	<0.1	580	<1	20	48	81	20

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L- 8	3	>300	<10	<0.1	150	<1	<10	<1	<5	7
L- 9	8	>300	<10	<0.1	940	2	60	2	25	23
L-10	6	>300	<10	<0.1	250	<1	10	7	5	21
L-11	3	>300	<10	<0.1	250	<1	<10	<1	11	10
L-12	2	104	<10	<0.1	370	<1	100	6	5	68
L-13	4	110	<10	<0.1	150	2	60	37	16	25
L-14	<1	8	<10	<0.1	290	<1	230	57	<5	<5
L-15	44	154	<10	<0.1	720	<1	250	30	27	31
L-16	15	178	20	<0.1	190	4	70	31	22	15
L-17	23	159	<10	<0.1	300	<1	210	87	58	68
*Rep L-17	24	154	<10	<0.1	300	<1	200	95	52	62
L-18	22	>300	<10	<0.1	520	1	30	18	15	42
L-19	55	>300	<10	<0.1	70	<1	<10	25	18	47
L-20	2	>300	<10	<0.1	200	<1	20	26	19	23
L-21	34	94	<10	<0.1	70	<1	<10	24	27	7
L-22	24	>300	<10	<0.1	130	3	<10	44	22	68
L-23	23	>300	<10	<0.1	140	1	<10	45	15	36
L-24	15	232	<10	<0.1	370	3	30	17	11	45
L-25	13	>300	20	<0.1	430	2	10	27	36	227
L-26	76	166	<10	<0.1	150	<1	20	45	7	56
L-27	<1	9	<10	<0.1	240	<1	380	9	<5	19
L-28	<1	9	<10	<0.1	560	<1	390	33	<5	20
L-29	1	37	<10	<0.1	530	<1	400	46	<5	25
*Rep L-29	<1	40	<10	<0.1	630	<1	400	40	<5	25
L-30	7	171	<10	<0.1	120	<1	<10	8	<5	34
L-31	5	>300	<10	<0.1	140	<1	30	18	<5	46
L-32	<1	>300	<10	<0.1	410	<1	50	8	<5	31
L-33	76	>300	40	0.4	270	7	<10	36	121	51
L-34	14	>300	<10	<0.1	590	<1	20	38	20	120
L-35	41	>300	10	<0.1	70	<1	<10	62	24	92
L-36	<1	16	<10	<0.1	880	<1	310	53	<5	28
L-37	<1	56	<10	<0.1	1140	<1	240	<1	7	63
*Std MMISRM16	24	50	10	36.8	80	<1	290	5	24	62
*Std MMISRM16	18	43	10	30.3	70	<1	250	4	21	61
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-L 1	<100	170	12	8.4	2.3	14	11	6	<5	27
*Rep L-L 1	<100	110	11	8.2	1.9	13	10	5	<5	25
L-L 2	<100	30	1	0.8	<0.5	136	<1	<1	<5	11
L-L 3	<100	180	5	6.6	<0.5	85	2	4	<5	1
L-L 4	<100	310	3	5.4	<0.5	33	1	3	<5	4
L-L 5	<100	430	2	1.4	0.7	204	2	13	<5	3
L-L 6	<100	80	<1	<0.5	<0.5	11	<1	<1	<5	7
L-L 7	<100	270	<1	0.7	<0.5	151	<1	<1	<5	10
L-L 8	<100	<10	<1	<0.5	<0.5	17	<1	<1	<5	6
L-L 9	<100	220	1	1.1	<0.5	253	<1	4	<5	5
L-L10	<100	180	1	1.2	<0.5	70	<1	2	<5	6
L-L11	<100	30	<1	1.2	<0.5	68	<1	2	<5	8
L-L12	<100	10	<1	<0.5	<0.5	40	<1	<1	<5	19
L-L13	<100	20	<1	0.9	<0.5	98	<1	3	<5	1
*Rep L-L13	<100	20	<1	0.7	<0.5	87	<1	2	<5	1
L-L14	<100	440	30	31.8	1.7	32	8	5	<5	3
L-L15	<100	200	2	1.8	<0.5	139	<1	2	<5	3
L-L16	<100	170	2	1.7	<0.5	114	<1	2	<5	4
L-L17	<100	410	15	9.1	3.2	155	14	26	<5	24
L-L18	<100	120	2	1.3	0.6	86	2	8	8	13
L-L19	<100	30	<1	<0.5	<0.5	110	<1	1	<5	15
L-L20	<100	140	6	6.4	0.6	106	3	2	<5	10
L-L21	<100	230	<1	<0.5	<0.5	281	<1	2	<5	6
L-L22	<100	290	<1	0.8	<0.5	83	<1	3	<5	1
L-L23	<100	790	7	4.8	1.6	429	6	14	<5	6
L-L24	<100	110	1	1.3	<0.5	144	<1	3	<5	3
L-L25	<100	670	2	3.4	<0.5	50	<1	2	<5	4
*Rep L-L25	<100	750	2	3.4	<0.5	52	<1	2	<5	4
L-L26	<100	430	2	2.5	<0.5	69	1	6	<5	7
L-L27	<100	310	<1	1.6	<0.5	99	<1	1	<5	2
L-L28	<100	280	4	3.8	0.5	84	2	7	<5	1
L-L29	<100	220	1	1.4	<0.5	94	1	4	<5	6
L-L30	<100	240	2	1.3	<0.5	128	1	5	<5	<1
L-L31	<100	<10	<1	<0.5	<0.5	15	<1	<1	<5	2
L-L32	<100	140	<1	0.8	<0.5	89	<1	4	<5	2
L- 1	<100	610	2	1.4	<0.5	288	2	6	<5	2
L- 2	<100	630	1	1.2	<0.5	142	<1	4	<5	2
L- 3	<100	400	2	1.7	<0.5	108	1	5	<5	<1
L- 4	<100	130	1	1.2	<0.5	77	<1	2	<5	2
L- 5	<100	110	2	1.6	<0.5	96	1	5	<5	2
*Rep L- 5	<100	110	2	1.6	<0.5	99	1	5	<5	2
L- 6	<100	40	<1	0.6	<0.5	100	<1	<1	6	30
L- 7	<100	10700	1270	916	83.9	3	398	71	<5	2

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L- 8	<100	100	<1	0.7	<0.5	147	<1	2	<5	<1
L- 9	<100	610	9	7.5	1.1	271	6	16	<5	8
L-10	<100	170	2	2.6	<0.5	75	<1	3	<5	4
L-11	<100	70	1	1.3	<0.5	126	1	7	<5	2
L-12	<100	110	5	5.0	0.6	148	3	3	<5	4
L-13	<100	90	5	2.9	1.7	40	6	11	<5	13
L-14	<100	60	2	1.1	<0.5	3	2	5	<5	36
L-15	<100	340	33	24.2	5.4	25	31	38	<5	7
L-16	<100	250	4	3.0	1.1	87	4	8	<5	5
L-17	<100	1050	31	20.6	7.7	80	33	77	<5	5
*Rep L-17	<100	1000	32	21.8	7.1	74	31	69	<5	6
L-18	<100	640	11	8.9	1.6	109	7	9	<5	3
L-19	<100	980	15	10.7	1.5	25	7	7	<5	<1
L-20	<100	350	4	2.8	0.6	100	2	5	<5	4
L-21	<100	310	9	6.6	1.7	13	7	11	<5	<1
L-22	<100	3350	8	6.0	0.9	60	4	10	<5	1
L-23	<100	2240	2	2.2	<0.5	121	2	7	<5	<1
L-24	<100	290	1	1.6	<0.5	168	<1	2	<5	7
L-25	<100	1300	20	15.0	2.8	157	13	19	<5	2
L-26	<100	1040	8	6.7	0.5	45	2	3	<5	1
L-27	<100	1380	<1	<0.5	<0.5	22	<1	<1	<5	6
L-28	<100	700	<1	<0.5	<0.5	8	<1	<1	<5	7
L-29	<100	1080	<1	<0.5	<0.5	9	<1	<1	<5	8
*Rep L-29	<100	1300	<1	<0.5	<0.5	8	<1	<1	<5	8
L-30	<100	370	1	1.4	<0.5	88	<1	2	<5	2
L-31	<100	430	2	2.0	<0.5	98	<1	2	<5	4
L-32	<100	40	<1	0.6	<0.5	156	<1	2	5	8
L-33	<100	640	22	12.3	4.8	128	23	49	<5	<1
L-34	<100	1210	8	4.7	1.1	89	5	9	<5	3
L-35	<100	1510	16	10.5	1.9	23	9	9	<5	<1
L-36	<100	1050	15	19.4	1.0	4	6	2	<5	13
L-37	<100	470	2	1.5	<0.5	42	2	3	<5	6
*Std MMISRM16	<100	710	3	1.1	1.3	3	6	6	<5	48
*Std MMISRM16	<100	620	2	0.9	1.1	2	5	5	<5	40
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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L-L 1	87	<0.5	20	22	110	<1	4	<1	21	<1
*Rep L-L 1	90	<0.5	15	22	100	<1	3	<1	20	<1
L-L 2	7	1.1	2	46	30	<1	<1	<1	47	<1
L-L 3	<5	1.4	4	22	20	<1	1	<1	42	<1
L-L 4	<5	<0.5	3	78	20	<1	<1	<1	34	<1
L-L 5	8	12.7	10	11	50	<1	2	<1	67	<1
L-L 6	6	<0.5	<1	29	30	<1	<1	<1	92	<1
L-L 7	10	1.0	<1	14	<10	<1	<1	<1	8	<1
L-L 8	8	<0.5	<1	24	<10	<1	<1	<1	61	<1
L-L 9	29	6.6	4	52	<10	<1	<1	<1	10	<1
L-L10	<5	<0.5	3	14	<10	<1	<1	<1	98	<1
L-L11	<5	1.4	2	15	<10	<1	<1	<1	7	<1
L-L12	6	<0.5	<1	18	10	<1	<1	<1	57	<1
L-L13	<5	1.8	2	18	<10	<1	<1	<1	17	<1
*Rep L-L13	<5	1.4	1	19	<10	<1	<1	<1	15	<1
L-L14	23	<0.5	14	24	320	<1	3	<1	13	<1
L-L15	<5	3.7	3	11	10	<1	<1	<1	53	<1
L-L16	<5	1.8	3	10	10	<1	<1	<1	63	<1
L-L17	34	6.7	38	77	240	<1	8	<1	69	2
L-L18	43	15.1	7	47	<10	<1	2	<1	53	<1
L-L19	8	4.6	1	40	<10	<1	<1	<1	42	<1
L-L20	27	2.2	5	24	30	<1	<1	<1	27	<1
L-L21	38	2.9	2	14	<10	<1	<1	<1	31	<1
L-L22	15	2.0	3	18	<10	<1	<1	<1	49	<1
L-L23	541	9.8	18	34	20	<1	4	<1	108	<1
L-L24	19	2.5	3	66	20	<1	<1	<1	18	<1
L-L25	<5	0.7	2	28	30	<1	<1	<1	38	<1
*Rep L-L25	<5	1.1	2	30	30	<1	<1	<1	39	<1
L-L26	7	1.4	5	119	20	<1	1	<1	33	<1
L-L27	<5	0.8	1	20	<10	<1	<1	<1	69	<1
L-L28	10	8.1	7	91	20	<1	2	<1	52	<1
L-L29	<5	2.8	4	57	<10	<1	<1	<1	62	<1
L-L30	5	2.9	5	53	<10	<1	1	<1	49	<1
L-L31	<5	<0.5	<1	<5	<10	<1	<1	<1	9	<1
L-L32	<5	2.6	3	40	<10	<1	<1	<1	69	<1
L- 1	6	6.4	5	40	<10	<1	1	<1	110	<1
L- 2	<5	3.2	4	29	<10	<1	<1	<1	39	<1
L- 3	<5	3.1	4	58	<10	<1	1	<1	103	<1
L- 4	<5	1.1	2	47	10	<1	<1	<1	42	<1
L- 5	<5	1.8	4	78	<10	<1	1	<1	94	<1
*Rep L- 5	<5	2.2	5	101	<10	<1	1	<1	99	<1
L- 6	<5	1.1	<1	41	<10	<1	<1	<1	12	<1
L- 7	135	<0.5	391	21	90	<1	63	<1	20	7

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L- 8	6	1.2	2	26	20	<1	<1	<1	93	<1
L- 9	19	3.3	19	49	10	<1	4	<1	143	<1
L-10	<5	2.1	3	63	10	<1	<1	<1	15	<1
L-11	<5	7.4	5	87	<10	<1	1	<1	16	<1
L-12	125	0.5	6	15	20	<1	1	<1	11	1
L-13	15	8.0	20	44	130	<1	4	<1	104	<1
L-14	16	<0.5	7	12	70	<1	1	<1	29	<1
L-15	55	3.3	71	23	220	<1	13	<1	79	<1
L-16	21	10.1	13	53	280	<1	3	<1	39	<1
L-17	9	4.8	87	39	90	<1	18	<1	52	<1
*Rep L-17	9	4.4	77	41	100	<1	16	<1	50	<1
L-18	7	3.2	15	47	110	<1	3	<1	63	<1
L-19	<5	1.6	12	69	140	<1	2	<1	95	<1
L-20	<5	3.6	7	27	70	<1	1	<1	33	<1
L-21	<5	<0.5	22	15	230	<1	4	<1	32	<1
L-22	5	2.9	10	33	140	<1	2	<1	37	<1
L-23	13	10.5	5	50	110	<1	1	<1	95	<1
L-24	7	7.6	2	126	260	<1	<1	<1	55	<1
L-25	19	11.7	32	63	220	<1	6	<1	43	<1
L-26	<5	1.9	4	56	5800	<1	<1	<1	36	<1
L-27	27	<0.5	<1	11	20	<1	<1	<1	<5	3
L-28	287	<0.5	1	14	<10	<1	<1	<1	5	3
L-29	166	<0.5	2	40	<10	<1	<1	<1	9	3
*Rep L-29	161	<0.5	<1	34	<10	<1	<1	<1	6	4
L-30	5	1.0	2	33	30	<1	<1	<1	15	<1
L-31	<5	1.7	2	60	20	<1	<1	<1	6	<1
L-32	<5	4.5	1	47	10	<1	<1	<1	<5	<1
L-33	7	21.7	77	25	780	<1	16	<1	62	2
L-34	<5	1.4	14	98	30	<1	3	<1	77	<1
L-35	6	1.3	21	85	140	<1	4	<1	84	1
L-36	<5	<0.5	5	23	100	<1	<1	<1	42	<1
L-37	18	<0.5	7	46	<10	<1	1	<1	12	<1
*Std MMISRM16	53	<0.5	20	246	140	26	4	<1	382	<1
*Std MMISRM16	52	<0.5	18	239	100	25	3	<1	350	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-L 1	7	7	<1	1360	<1	2	<10	1.5	27	<0.5
*Rep L-L 1	6	6	<1	1380	<1	2	<10	1.4	23	<0.5
L-L 2	21	<1	<1	130	<1	<1	<10	1.5	497	<0.5
L-L 3	14	1	<1	50	<1	<1	<10	3.8	596	<0.5
L-L 4	16	<1	<1	120	<1	<1	<10	2.6	222	<0.5
L-L 5	23	2	1	190	<1	<1	<10	13.7	2460	<0.5
L-L 6	<5	<1	<1	260	<1	<1	<10	1.6	100	<0.5
L-L 7	6	<1	<1	180	<1	<1	<10	1.3	437	<0.5
L-L 8	<5	<1	<1	550	<1	<1	<10	0.6	61	<0.5
L-L 9	8	<1	<1	330	<1	<1	<10	4.9	2070	<0.5
L-L10	18	<1	<1	100	<1	<1	<10	2.6	187	<0.5
L-L11	13	<1	<1	220	<1	<1	<10	1.8	631	<0.5
L-L12	<5	<1	<1	140	<1	<1	<10	1.6	26	<0.5
L-L13	7	<1	<1	70	<1	<1	<10	3.8	579	<0.5
*Rep L-L13	7	<1	<1	70	<1	<1	<10	3.4	490	<0.5
L-L14	14	5	<1	850	<1	3	<10	1.1	94	<0.5
L-L15	10	<1	<1	90	<1	<1	<10	5.5	644	<0.5
L-L16	8	<1	<1	60	<1	<1	<10	4.0	325	<0.5
L-L17	55	11	<1	340	<1	2	<10	33.7	2330	<0.5
L-L18	25	2	<1	300	<1	<1	<10	13.3	2640	<0.5
L-L19	8	<1	<1	170	<1	<1	<10	3.0	1030	<0.5
L-L20	18	2	<1	500	<1	<1	<10	6.0	1140	<0.5
L-L21	8	<1	<1	180	<1	<1	<10	2.6	1370	<0.5
L-L22	8	<1	<1	50	<1	<1	<10	2.9	1490	<0.5
L-L23	17	5	1	530	<1	1	<10	12.1	4060	<0.5
L-L24	17	<1	<1	90	<1	<1	<10	4.8	918	<0.5
L-L25	10	<1	<1	130	<1	<1	<10	1.3	404	<0.5
*Rep L-L25	9	<1	<1	130	<1	<1	<10	1.6	539	<0.5
L-L26	15	1	<1	370	<1	<1	<10	1.3	512	<0.5
L-L27	9	<1	<1	100	<1	<1	<10	1.4	255	<0.5
L-L28	16	2	1	60	<1	<1	<10	5.4	2680	<0.5
L-L29	15	<1	<1	130	<1	<1	<10	4.1	415	<0.5
L-L30	7	1	<1	30	<1	<1	<10	3.7	827	<0.5
L-L31	<5	<1	<1	30	<1	<1	<10	<0.5	53	<0.5
L-L32	14	<1	<1	40	<1	<1	<10	2.0	914	<0.5
L- 1	11	1	<1	60	<1	<1	<10	3.6	2870	<0.5
L- 2	8	<1	<1	50	<1	<1	<10	2.2	1100	<0.5
L- 3	12	1	<1	40	<1	<1	<10	3.3	679	<0.5
L- 4	11	<1	<1	40	<1	<1	<10	1.9	329	<0.5
L- 5	11	1	<1	40	<1	<1	<10	2.8	553	<0.5
*Rep L- 5	12	1	<1	40	<1	<1	<10	3.1	678	<0.5
L- 6	15	<1	<1	1520	<1	<1	<10	1.0	174	<0.5
L- 7	149	194	<1	200	2	128	<10	25.0	25	1.1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L- 8	7	<1	<1	20	<1	<1	<10	3.1	248	<0.5
L- 9	13	5	<1	530	<1	1	<10	17.1	806	<0.5
L-10	14	<1	<1	110	<1	<1	<10	5.5	990	<0.5
L-11	12	1	<1	50	<1	<1	<10	6.8	1840	<0.5
L-12	14	2	<1	390	<1	<1	<10	4.2	145	<0.5
L-13	30	5	5	110	<1	<1	<10	6.7	2480	<0.5
L-14	<5	2	<1	900	<1	<1	<10	0.6	21	<0.5
L-15	20	21	<1	590	<1	5	<10	9.5	1170	<0.5
L-16	31	3	3	120	<1	<1	<10	9.7	4900	<0.5
L-17	39	23	<1	290	<1	5	<10	7.0	1110	<0.5
*Rep L-17	36	21	<1	300	<1	5	<10	6.6	1010	<0.5
L-18	22	5	1	130	<1	1	<10	6.5	1530	<0.5
L-19	47	4	<1	<10	<1	2	<10	5.6	197	<0.5
L-20	13	2	<1	70	<1	<1	<10	6.0	653	<0.5
L-21	17	5	<1	<10	<1	1	<10	1.5	26	<0.5
L-22	23	3	<1	20	<1	<1	<10	9.3	916	<0.5
L-23	15	1	1	20	<1	<1	<10	10.2	2130	<0.5
L-24	13	<1	<1	110	<1	<1	<10	11.2	1070	<0.5
L-25	43	9	<1	120	<1	3	<10	13.2	4660	<0.5
L-26	19	1	<1	90	<1	<1	<10	3.3	375	<0.5
L-27	<5	<1	<1	430	<1	<1	<10	<0.5	8	<0.5
L-28	<5	<1	<1	480	<1	<1	<10	<0.5	<3	<0.5
L-29	<5	<1	<1	620	<1	<1	<10	<0.5	<3	<0.5
*Rep L-29	<5	<1	<1	680	<1	<1	<10	<0.5	<3	<0.5
L-30	10	<1	<1	60	<1	<1	<10	1.3	217	<0.5
L-31	16	<1	<1	140	<1	<1	<10	1.8	771	<0.5
L-32	17	<1	<1	340	<1	<1	<10	2.1	1860	<0.5
L-33	55	20	1	10	1	4	<10	9.4	9480	<0.5
L-34	18	4	<1	80	<1	1	<10	3.1	489	<0.5
L-35	83	5	<1	20	<1	2	<10	1.8	317	<0.5
L-36	7	2	<1	650	<1	1	<10	<0.5	<3	<0.5
L-37	9	2	<1	700	<1	<1	<10	<0.5	10	<0.5
*Std MMISRM16	13	6	<1	640	<1	<1	<10	26.4	10	<0.5
*Std MMISRM16	10	5	<1	560	<1	<1	<10	23.9	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	18	<0.5

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Final : TO102672 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-L 1	26	<1	81	8	1480	<5
*Rep L-L 1	25	<1	73	7	1390	<5
L-L 2	2	<1	5	<1	420	11
L-L 3	3	<1	27	7	70	<5
L-L 4	2	<1	18	8	300	<5
L-L 5	6	<1	10	1	610	9
L-L 6	<1	<1	<5	<1	1050	<5
L-L 7	<1	<1	<5	1	50	<5
L-L 8	<1	<1	<5	<1	200	<5
L-L 9	3	<1	6	1	70	8
L-L10	2	<1	<5	2	40	7
L-L11	1	<1	<5	2	80	<5
L-L12	<1	<1	<5	<1	380	<5
L-L13	3	<1	<5	2	30	<5
*Rep L-L13	3	<1	<5	1	20	<5
L-L14	16	<1	224	26	160	<5
L-L15	6	<1	8	2	40	15
L-L16	3	<1	8	2	60	10
L-L17	8	4	78	8	1070	40
L-L18	5	1	8	2	170	44
L-L19	1	<1	<5	<1	120	11
L-L20	4	<1	35	6	340	5
L-L21	3	<1	<5	<1	30	10
L-L22	4	<1	<5	<1	<20	6
L-L23	11	1	32	4	60	22
L-L24	3	<1	6	2	90	10
L-L25	1	<1	10	4	210	<5
*Rep L-L25	2	<1	11	4	230	<5
L-L26	1	<1	10	3	160	<5
L-L27	2	<1	<5	2	50	<5
L-L28	4	<1	22	4	170	19
L-L29	3	<1	7	2	50	17
L-L30	2	<1	7	2	30	8
L-L31	<1	<1	<5	<1	<20	<5
L-L32	3	<1	<5	1	<20	10
L- 1	4	<1	9	1	20	16
L- 2	3	<1	7	1	<20	13
L- 3	3	<1	8	2	30	12
L- 4	1	<1	<5	2	50	7
L- 5	2	<1	7	2	40	9
*Rep L- 5	2	<1	8	2	50	10
L- 6	1	<1	<5	<1	430	<5
L- 7	1140	6	7150	626	500	<5

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Final : TO102672 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L- 8	2	<1	<5	<1	<20	5
L- 9	28	<1	47	7	60	7
L-10	6	<1	11	3	130	7
L-11	4	<1	6	2	40	11
L-12	204	<1	33	5	270	<5
L-13	4	2	25	3	860	31
L-14	4	<1	12	<1	2670	<5
L-15	382	<1	246	19	550	9
L-16	5	2	23	3	700	32
L-17	74	<1	256	15	180	21
*Rep L-17	70	<1	249	17	190	18
L-18	13	<1	69	7	330	11
L-19	5	<1	60	8	370	23
L-20	4	<1	17	3	540	15
L-21	3	<1	63	5	40	<5
L-22	5	<1	34	6	1450	27
L-23	27	2	11	2	140	35
L-24	5	1	8	2	450	16
L-25	30	1	102	15	470	42
L-26	5	<1	43	5	370	9
L-27	10	65	<5	<1	1540	<5
L-28	22	832	<5	<1	610	<5
L-29	25	107	6	<1	2760	<5
*Rep L-29	36	92	<5	<1	2890	<5
L-30	2	<1	<5	2	70	9
L-31	3	<1	8	3	150	8
L-32	2	<1	<5	<1	480	9
L-33	6	4	119	10	430	89
L-34	2	<1	36	4	510	16
L-35	5	<1	94	9	550	82
L-36	31	<1	214	21	1990	<5
L-37	15	<1	18	1	230	<5
*Std MMISRM16	44	<1	12	<1	260	13
*Std MMISRM16	43	12	10	<1	210	13
*BIK BLANK	<1	<1	<5	<1	<20	<5
*BIK BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102673

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

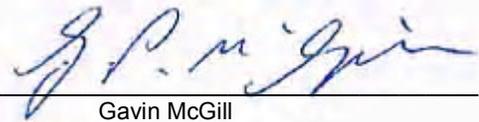
Date: Oct 08, 2008

P.O. No. :
Project No. : ROB
No. Of Samples 42
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 42 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-71175N	7	154	<10	<0.1	1760	<1	250	23	84	6
*Rep L-71175N	6	151	<10	<0.1	1980	<1	250	24	75	5
L-71200N	10	>300	<10	<0.1	2390	<1	60	78	46	5
L-71225N	51	>300	<10	<0.1	7380	<1	210	18	43	<5
L-71250N	18	>300	<10	<0.1	420	<1	<10	36	18	16
L-71275N	14	>300	<10	<0.1	520	<1	<10	37	131	13
L-71300N	6	>300	<10	<0.1	380	<1	<10	83	41	13
L-71325N	3	>300	<10	<0.1	670	<1	10	153	42	12
L-71350N	2	>300	<10	<0.1	160	<1	<10	201	20	13
L-71375N	12	>300	10	<0.1	410	<1	<10	13	37	9
L-71400N	12	>300	<10	<0.1	380	<1	<10	24	30	35
L-71425N	9	>300	<10	<0.1	1720	<1	140	22	46	10
L-71450N	5	>300	<10	<0.1	2120	<1	30	27	35	48
L-71475N	2	>300	<10	<0.1	310	<1	<10	11	30	87
*Rep L-71475N	3	>300	<10	<0.1	290	<1	<10	10	32	77
L-71500N	3	>300	<10	<0.1	190	<1	<10	29	13	19
L-71525N	2	>300	10	<0.1	440	<1	<10	7	117	43
L-71550N	<1	>300	<10	<0.1	430	<1	30	3	10	61
L-71575N	6	>300	<10	<0.1	250	<1	30	20	285	6
L-71600N	7	>300	<10	<0.1	140	<1	<10	7	<5	12
L-71625N	7	>300	<10	<0.1	220	<1	<10	22	23	14
L-60000E-71625N	8	>300	<10	0.1	400	<1	<10	4	23	24
L-60000E-71600N	3	>300	<10	<0.1	490	<1	<10	12	28	106
L-60000E-71575N	10	>300	20	<0.1	1020	<1	30	55	67	113
L-60000E-71550N	12	>300	20	<0.1	540	<1	<10	27	140	28
L-60000E-71525N	1	>300	<10	<0.1	2190	<1	220	15	319	35
L-60000E-71500N	3	>300	40	<0.1	2000	<1	60	16	1290	48
*Rep L-60000E-71500N	4	>300	40	<0.1	2030	<1	60	16	1380	89
L-60000E-71475N	7	>300	10	<0.1	400	<1	<10	16	49	<5
L-60000E-71450N	2	>300	20	<0.1	770	<1	10	34	740	9
L-60000E-71425N	6	>300	90	<0.1	680	<1	<10	14	220	10
L-60000E-71400N	9	>300	20	0.1	390	<1	<10	11	60	65
L-60000E-71375N	53	>300	20	<0.1	180	<1	<10	13	63	11
L-60000E-71350N	16	>300	20	<0.1	1610	<1	100	11	40	28
L-60000E-71325N	21	>300	30	<0.1	260	<1	<10	42	57	32
L-60000E-71300N	26	>300	20	<0.1	420	<1	<10	37	69	105
L-60000E-71275N	4	>300	<10	<0.1	540	<1	<10	66	18	9
L-60000E-71250N	48	>300	10	0.2	250	<1	<10	21	28	72
L-60000E-71225N	26	>300	10	0.1	390	<1	<10	65	19	238
L-60000E-71200N	2	145	<10	<0.1	2550	<1	120	37	32	150
*Rep L-60000E-71200N	2	141	<10	<0.1	2530	<1	120	45	31	156
L-60000E-71175N	2	128	<10	<0.1	1920	<1	150	21	24	510
L-60000E-71150N	3	>300	<10	<0.1	620	<1	50	28	7	91

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L-60000E-71125N	2	197	<10	<0.1	930	<1	80	44	78	26
L-60000E-71100N	5	>300	<10	<0.1	810	<1	70	17	46	27
L-60000E-71075N	41	>300	10	0.3	1040	<1	<10	11	329	29
*Std MMISRM16	18	54	20	26.3	80	<1	250	4	28	66
*BIK BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-71175N	<100	40	54	25.0	18.4	7	78	40	<5	35
*Rep L-71175N	<100	40	56	25.1	17.6	7	77	38	<5	36
L-71200N	<100	370	350	228	57.4	3	247	65	<5	15
L-71225N	<100	100	622	285	165	5	759	624	<5	44
L-71250N	<100	140	17	7.6	2.4	10	12	6	<5	1
L-71275N	<100	140	48	20.6	11.0	6	47	57	<5	2
L-71300N	<100	420	20	9.5	4.0	12	17	18	<5	2
L-71325N	<100	550	29	12.8	5.3	18	25	11	<5	5
L-71350N	<100	480	18	8.8	2.7	5	12	7	<5	<1
L-71375N	<100	90	20	9.8	3.7	37	17	14	<5	1
L-71400N	<100	100	16	9.2	3.1	20	13	12	<5	2
L-71425N	<100	110	46	23.3	9.8	12	45	24	<5	6
L-71450N	<100	190	78	47.8	10.6	30	51	21	<5	6
L-71475N	<100	770	25	13.6	3.6	37	17	10	<5	2
*Rep L-71475N	<100	770	24	13.2	3.6	38	16	11	<5	1
L-71500N	<100	390	35	22.1	3.3	40	17	5	<5	3
L-71525N	<100	340	49	24.2	10.1	29	45	29	<5	2
L-71550N	<100	190	10	6.3	1.2	75	6	4	8	12
L-71575N	<100	760	326	164	59.7	15	278	105	<5	<1
L-71600N	<100	180	3	3.2	<0.5	72	1	2	<5	<1
L-71625N	<100	290	15	9.7	1.9	21	8	9	<5	<1
L-60000E-71625N	<100	150	10	6.2	1.5	33	6	10	<5	<1
L-60000E-71600N	<100	870	21	14.8	2.2	34	10	7	<5	3
L-60000E-71575N	<100	550	47	26.0	6.9	48	33	22	<5	3
L-60000E-71550N	<100	410	77	36.2	14.8	33	69	41	<5	1
L-60000E-71525N	<100	380	52	29.0	10.7	40	51	34	6	28
L-60000E-71500N	<100	150	276	120	56.2	15	303	581	<5	10
*Rep L-60000E-71500N	<100	110	269	118	51.7	17	290	563	<5	10
L-60000E-71475N	<100	200	27	13.2	4.9	8	22	15	<5	<1
L-60000E-71450N	<100	540	232	105	57.6	21	258	255	<5	2
L-60000E-71425N	<100	260	59	26.3	13.6	21	58	64	<5	<1
L-60000E-71400N	<100	250	20	10.6	3.2	28	14	20	<5	<1
L-60000E-71375N	<100	150	28	13.6	5.1	20	22	22	<5	<1
L-60000E-71350N	<100	90	67	32.4	20.6	15	90	101	<5	10
L-60000E-71325N	<100	270	38	22.3	7.6	29	33	27	<5	<1
L-60000E-71300N	<100	380	16	8.2	3.2	91	13	21	<5	1
L-60000E-71275N	<100	230	29	18.3	3.8	34	18	8	<5	2
L-60000E-71250N	<100	90	18	10.2	2.6	18	11	13	<5	<1
L-60000E-71225N	<100	290	7	4.5	1.0	56	4	8	<5	<1
L-60000E-71200N	<100	50	13	8.9	2.7	38	11	8	<5	31
*Rep L-60000E-71200N	<100	40	13	8.5	2.3	31	11	8	<5	30
L-60000E-71175N	<100	100	11	7.1	2.3	66	10	8	<5	39
L-60000E-71150N	<100	140	10	9.2	0.7	82	4	3	<5	13

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L-60000E-71125N	<100	70	19	11.4	3.1	61	16	8	<5	17
L-60000E-71100N	<100	70	37	17.2	6.7	26	31	8	<5	27
L-60000E-71075N	<100	150	122	50.7	36.9	11	164	168	<5	<1
*Std MMISRM16	<100	630	3	1.3	1.5	3	7	7	<5	38
*BIK BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-71175N	<5	<0.5	155	25	260	<1	25	<1	111	<1
*Rep L-71175N	<5	<0.5	148	26	270	<1	23	<1	108	<1
L-71200N	<5	<0.5	398	32	150	<1	62	<1	107	<1
L-71225N	<5	<0.5	1650	23	160	<1	297	<1	46	<1
L-71250N	<5	0.6	18	49	340	<1	3	<1	164	<1
L-71275N	<5	1.5	122	30	220	<1	24	<1	76	<1
L-71300N	<5	<0.5	38	65	390	<1	7	<1	70	<1
L-71325N	<5	1.0	38	58	230	<1	6	<1	145	<1
L-71350N	<5	0.8	18	52	400	<1	3	<1	97	<1
L-71375N	<5	2.3	29	35	300	<1	6	<1	66	<1
L-71400N	<5	2.4	24	16	50	<1	5	<1	56	<1
L-71425N	<5	0.8	77	22	110	<1	12	<1	121	<1
L-71450N	<5	0.8	76	28	150	<1	12	<1	150	<1
L-71475N	<5	0.9	32	20	80	<1	6	<1	58	<1
*Rep L-71475N	<5	1.1	33	19	70	<1	6	<1	61	<1
L-71500N	<5	0.9	20	44	90	<1	3	<1	117	<1
L-71525N	<5	1.1	94	32	40	<1	16	<1	132	<1
L-71550N	<5	2.2	10	23	270	<1	2	<1	88	<1
L-71575N	<5	<0.5	503	22	30	<1	80	<1	52	<1
L-71600N	<5	<0.5	3	15	140	<1	<1	<1	49	<1
L-71625N	<5	1.4	16	30	210	<1	3	<1	74	<1
L-60000E-71625N	<5	0.6	14	17	280	<1	3	<1	123	<1
L-60000E-71600N	<5	<0.5	17	35	30	<1	3	<1	104	<1
L-60000E-71575N	<5	1.2	58	34	30	<1	11	<1	77	<1
L-60000E-71550N	<5	3.1	142	25	250	<1	25	<1	74	<1
L-60000E-71525N	<5	<0.5	100	49	40	<1	18	<1	92	<1
L-60000E-71500N	<5	<0.5	793	23	180	<1	169	<1	119	2
*Rep L-60000E-71500N	<5	<0.5	739	23	200	<1	162	<1	124	2
L-60000E-71475N	<5	<0.5	42	19	20	<1	8	<1	57	<1
L-60000E-71450N	<5	1.9	603	32	60	<1	111	<1	91	<1
L-60000E-71425N	<5	6.3	131	9	10	<1	26	<1	124	1
L-60000E-71400N	<5	5.1	31	27	260	<1	7	<1	79	1
L-60000E-71375N	<5	4.6	47	12	350	<1	9	<1	93	<1
L-60000E-71350N	<5	1.3	211	7	230	<1	38	<1	76	1
L-60000E-71325N	<5	1.3	74	30	680	<1	13	<1	122	<1
L-60000E-71300N	<5	1.7	30	39	240	<1	7	<1	216	1
L-60000E-71275N	<5	1.8	29	56	200	<1	5	<1	95	<1
L-60000E-71250N	<5	2.0	19	19	320	<1	4	<1	100	<1
L-60000E-71225N	<5	0.9	10	56	350	<1	2	<1	176	<1
L-60000E-71200N	<5	<0.5	23	49	20	<1	4	<1	290	<1
*Rep L-60000E-71200N	<5	<0.5	22	48	20	<1	4	<1	296	<1
L-60000E-71175N	<5	<0.5	20	41	20	<1	4	<1	161	<1
L-60000E-71150N	<5	<0.5	6	66	290	<1	1	<1	56	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-60000E-71125N	<5	<0.5	26	65	150	<1	4	<1	33	<1
L-60000E-71100N	<5	<0.5	39	115	110	<1	6	<1	81	<1
L-60000E-71075N	<5	<0.5	423	40	440	<1	80	<1	129	2
*Std MMISRM16	53	<0.5	23	273	130	26	4	<1	351	<1
*BIK BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-71175N	67	58	<1	560	<1	11	<10	4.1	20	0.7
*Rep L-71175N	71	58	<1	610	<1	11	<10	3.8	20	0.6
L-71200N	1110	157	<1	310	<1	49	<10	8.7	<3	0.6
L-71225N	443	513	<1	750	<1	110	<10	5.8	20	1.2
L-71250N	32	7	<1	60	<1	2	<10	3.1	219	0.9
L-71275N	42	35	<1	60	<1	8	<10	3.1	125	1.4
L-71300N	27	12	<1	50	<1	3	<10	6.2	174	1.9
L-71325N	30	16	<1	90	<1	5	<10	4.8	198	0.9
L-71350N	32	8	<1	20	<1	3	<10	3.0	140	1.0
L-71375N	35	11	<1	40	<1	3	<10	6.6	533	1.3
L-71400N	36	10	<1	40	<1	3	<10	4.7	414	1.2
L-71425N	42	30	<1	550	<1	7	<10	4.0	178	0.7
L-71450N	80	33	<1	210	<1	10	<10	4.2	227	1.1
L-71475N	42	11	<1	20	<1	4	<10	3.2	585	<0.5
*Rep L-71475N	45	12	<1	10	<1	3	<10	3.8	692	<0.5
L-71500N	54	10	<1	50	<1	4	<10	1.8	347	<0.5
L-71525N	97	34	<1	20	<1	8	<10	5.1	859	<0.5
L-71550N	84	4	<1	70	<1	1	<10	3.5	1710	<0.5
L-71575N	225	188	<1	70	<1	51	<10	8.4	124	<0.5
L-71600N	10	<1	<1	20	<1	<1	<10	2.6	168	0.7
L-71625N	22	5	<1	10	<1	2	<10	3.9	278	1.1
L-60000E-71625N	17	4	<1	20	<1	1	<10	6.5	257	1.3
L-60000E-71600N	61	7	<1	70	<1	2	<10	5.3	166	1.0
L-60000E-71575N	50	22	<1	190	<1	7	<10	4.4	550	<0.5
L-60000E-71550N	52	48	<1	40	<1	12	<10	7.7	879	1.2
L-60000E-71525N	183	35	<1	740	<1	9	<10	4.3	139	<0.5
L-60000E-71500N	598	214	<1	240	<1	52	<10	19.9	175	0.5
*Rep L-60000E-71500N	565	201	<1	220	<1	48	<10	20.5	185	0.6
L-60000E-71475N	41	15	<1	30	<1	4	<10	4.6	251	<0.5
L-60000E-71450N	360	190	<1	80	<1	41	<10	11.6	1070	<0.5
L-60000E-71425N	106	44	<1	50	<1	10	<10	17.5	1090	0.5
L-60000E-71400N	43	11	<1	20	<1	3	<10	12.9	997	0.8
L-60000E-71375N	32	16	<1	20	<1	4	<10	9.7	690	1.4
L-60000E-71350N	54	67	<1	240	<1	12	<10	6.7	638	1.9
L-60000E-71325N	63	23	<1	20	<1	6	<10	6.5	777	1.1
L-60000E-71300N	39	10	<1	50	<1	3	<10	10.8	704	1.3
L-60000E-71275N	40	11	<1	70	<1	4	<10	4.5	321	0.9
L-60000E-71250N	31	7	<1	10	<1	3	<10	5.4	469	1.6
L-60000E-71225N	20	3	<1	30	<1	1	<10	8.4	376	1.4
L-60000E-71200N	49	8	<1	630	<1	2	<10	2.0	90	1.5
*Rep L-60000E-71200N	46	8	<1	620	<1	2	<10	2.0	91	1.5
L-60000E-71175N	65	7	<1	530	<1	2	<10	1.5	124	0.9
L-60000E-71150N	29	2	<1	230	<1	1	<10	1.7	103	<0.5

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Final : TO102673 Order:

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-60000E-71125N	60	10	<1	230	<1	3	<10	5.9	143	<0.5
L-60000E-71100N	85	18	<1	250	<1	6	<10	3.1	107	<0.5
L-60000E-71075N	208	134	<1	20	<1	23	<10	15.0	284	2.0
*Std MMISRM16	13	7	<1	520	<1	<1	<10	29.4	7	<0.5
*BIK BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102673 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-71175N	5	<1	257	16	530	14
*Rep L-71175N	5	<1	256	16	530	12
L-71200N	24	2	2390	172	2050	16
L-71225N	27	2	4050	164	80	20
L-71250N	3	<1	71	5	790	15
L-71275N	5	<1	222	13	120	24
L-71300N	4	<1	93	6	300	14
L-71325N	3	<1	119	7	690	21
L-71350N	3	<1	74	6	390	15
L-71375N	6	<1	83	7	250	52
L-71400N	7	<1	68	6	80	49
L-71425N	10	<1	237	16	200	28
L-71450N	7	<1	389	35	160	34
L-71475N	3	<1	130	10	160	66
*Rep L-71475N	4	<1	117	10	120	77
L-71500N	4	<1	175	16	750	19
L-71525N	6	<1	205	18	290	71
L-71550N	2	<1	50	6	750	69
L-71575N	8	1	1710	115	70	33
L-71600N	3	<1	16	3	40	12
L-71625N	3	<1	74	8	140	42
L-60000E-71625N	4	<1	45	4	50	21
L-60000E-71600N	4	<1	101	11	80	32
L-60000E-71575N	8	<1	228	19	290	30
L-60000E-71550N	5	<1	408	24	190	87
L-60000E-71525N	4	<1	268	22	1210	16
L-60000E-71500N	8	3	1700	65	1260	34
*Rep L-60000E-71500N	8	3	1710	64	1390	33
L-60000E-71475N	4	3	127	9	120	23
L-60000E-71450N	6	3	1130	66	370	56
L-60000E-71425N	6	4	212	19	100	186
L-60000E-71400N	6	1	76	8	120	201
L-60000E-71375N	8	<1	122	9	120	111
L-60000E-71350N	7	<1	422	20	40	59
L-60000E-71325N	9	<1	225	16	170	48
L-60000E-71300N	9	<1	55	6	150	49
L-60000E-71275N	4	<1	152	13	520	22
L-60000E-71250N	5	<1	87	7	110	39
L-60000E-71225N	6	<1	30	3	280	26
L-60000E-71200N	7	<1	71	7	280	13
*Rep L-60000E-71200N	7	<1	65	8	250	13
L-60000E-71175N	6	<1	62	6	180	9
L-60000E-71150N	2	<1	54	8	1550	<5

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-60000E-71125N	5	<1	95	8	4590	20
L-60000E-71100N	3	<1	165	11	3040	9
L-60000E-71075N	8	<1	560	34	180	36
*Std MMISRM16	51	<1	14	<1	240	16
*BIK BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102674

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

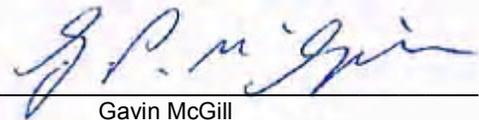
Date: Oct 08, 2008

P.O. No. :
Project No. : CLORES
No. Of Samples 62
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 62 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-33000N-61150E	2	280	10	<0.1	570	<1	30	16	294	25
*Rep L-33000N-61150E	2	261	<10	<0.1	670	<1	30	16	255	25
L-33000N-61175E	9	51	20	<0.1	1620	<1	480	25	153	6
L-33000N-61200E	5	54	30	<0.1	920	<1	380	33	135	34
L-33000N-61225E	4	44	<10	<0.1	440	<1	350	39	20	8
L-33000N-61250E	3	56	20	<0.1	780	<1	370	9	65	17
L-33000N-61275E	2	137	10	<0.1	260	<1	160	20	54	13
L-33000N-61300E	<1	>300	<10	<0.1	580	<1	60	9	8	26
L-33000N-61325E	2	296	<10	<0.1	640	<1	120	42	89	16
L-33000N-61350E	10	180	<10	<0.1	900	<1	280	28	135	11
L-33000N-61375E	1	231	<10	<0.1	400	<1	60	25	22	35
L-33000N-61400E	3	230	<10	<0.1	730	<1	30	13	26	77
L-33000N-61425E	7	204	<10	<0.1	1760	<1	270	31	394	<5
L-33000N-61450E	<1	>300	<10	<0.1	720	1	100	5	<5	19
*Rep L-33000N-61450E	<1	>300	<10	<0.1	740	1	90	6	<5	28
L-33000N-61475E	<1	145	<10	<0.1	790	<1	70	7	<5	39
L-33000N-61500E	<1	283	<10	<0.1	830	<1	50	13	6	37
L-33000N-61525E	10	>300	30	<0.1	720	<1	10	6	148	115
L-33000N-61550E	2	271	<10	<0.1	510	<1	50	15	<5	59
L-33000N-61575E	7	>300	<10	<0.1	260	<1	<10	7	14	11
L-33000N-61600E	3	293	<10	<0.1	380	<1	10	5	17	35
L-33000N-61625E	<1	268	<10	<0.1	880	<1	50	5	<5	21
L-33000N-61650E	<1	>300	<10	<0.1	1710	<1	70	4	<5	85
L-33000N-61675E	<1	16	<10	<0.1	450	<1	140	<1	6	65
L-33000N-61700E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61725E	16	245	<10	<0.1	680	<1	20	13	213	19
L-33000N-61750E	22	271	<10	<0.1	420	<1	<10	10	28	101
*Rep L-33000N-61750E	12	281	<10	<0.1	490	<1	10	7	17	118
L-33000N-61775E	9	222	<10	<0.1	320	<1	20	10	17	103
L-33000N-61800E	<1	>300	<10	<0.1	750	<1	50	6	10	73
L-33000N-61825E	8	>300	<10	<0.1	340	<1	20	11	14	43
L-33000N-61850E	18	170	<10	<0.1	220	<1	<10	8	129	19
L-33000N-61875E	<1	274	<10	<0.1	420	<1	40	5	17	51
L-33000N-61900E	22	108	<10	<0.1	520	<1	20	13	216	26
L-33000N-61925E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61950E	13	171	<10	<0.1	380	<1	40	10	85	68
L-33000N-61975E	2	>300	<10	<0.1	880	<1	30	10	43	56
L-33000N-62000E	<1	142	<10	<0.1	860	<1	120	17	14	42
L-32800N-61150E	41	48	<10	<0.1	390	<1	50	3	49	23
L-32800N-61175E	9	>300	<10	<0.1	420	<1	10	9	145	62
*Rep L-32800N-61175E	6	>300	<10	<0.1	380	<1	<10	9	110	56
L-32800N-61200E	14	289	<10	<0.1	730	<1	50	26	102	69
L-32800N-61225E	9	202	<10	<0.1	390	<1	30	10	152	19

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-32800N-61250E	3	>300	<10	<0.1	410	<1	<10	8	27	82
L-32800N-61275E	6	>300	<10	<0.1	850	<1	<10	7	53	69
L-32800N-61300E	7	>300	<10	<0.1	560	<1	<10	25	41	68
L-32800N-61325E	10	270	<10	<0.1	550	<1	30	44	67	85
L-32800N-61350E	4	279	<10	<0.1	680	<1	40	37	54	19
L-32800N-61375E	20	>300	10	<0.1	1430	<1	<10	23	108	43
L-32800N-61400E	28	271	<10	<0.1	540	<1	10	41	58	45
L-32800N-61425E	15	68	<10	<0.1	2010	<1	330	21	53	<5
L-32800N-61450E	3	111	<10	<0.1	1900	<1	410	70	28	6
L-32800N-61475E	23	232	<10	<0.1	620	<1	110	52	83	8
*Rep L-32800N-61475E	17	234	<10	<0.1	720	<1	110	66	77	10
L-32800N-61500E	28	146	<10	<0.1	1140	<1	250	42	79	7
L-32800N-61525E	3	109	<10	<0.1	470	2	290	59	7	26
L-32800N-61550E	<1	>300	40	<0.1	1570	<1	190	30	40	185
L-32800N-61575E	<1	>300	20	<0.1	840	<1	250	29	23	164
L-32800N-61600E	<1	>300	<10	<0.1	1220	<1	20	5	<5	31
L-32800N-61625E	2	154	<10	<0.1	1090	<1	130	35	31	124
L-32800N-61650E	8	>300	<10	<0.1	650	<1	50	19	61	64
L-32800N-61675E	<1	63	<10	<0.1	890	<1	130	1	24	254
L-32800N-61700E	5	>300	<10	<0.1	550	<1	40	9	7	33
L-32800N-61725E	67	133	<10	<0.1	370	<1	20	7	237	33
L-32800N-61750E	1	>300	<10	<0.1	270	<1	60	9	6	38
L-32800N-61775E	18	158	<10	<0.1	160	<1	<10	8	34	214
*Rep L-32800N-61775E	15	142	<10	<0.1	180	<1	<10	11	32	263
L-32800N-61800E	2	>300	<10	<0.1	460	<1	<10	5	<5	42
*Std MMISRM16	19	59	10	35.2	90	<1	270	4	29	77
*Std MMISRM16	20	60	10	36.2	100	<1	250	5	32	72
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-33000N-61150E	<100	100	310	150	60.3	19	350	289	<5	2
*Rep L-33000N-61150E	<100	100	322	158	53.1	18	332	231	<5	2
L-33000N-61175E	<100	280	62	30.5	19.7	21	103	93	32	21
L-33000N-61200E	<100	2750	58	36.1	15.5	121	68	76	20	14
L-33000N-61225E	<100	80	6	3.6	1.3	32	6	6	<5	18
L-33000N-61250E	<100	130	10	5.6	2.7	44	12	14	8	18
L-33000N-61275E	<100	140	33	21.1	4.8	58	25	19	<5	14
L-33000N-61300E	<100	30	2	1.8	<0.5	67	1	2	<5	11
L-33000N-61325E	200	490	116	62.4	19.2	25	88	43	<5	14
L-33000N-61350E	100	470	85	46.3	20.6	50	92	76	<5	11
L-33000N-61375E	<100	500	31	25.7	2.7	127	13	7	<5	11
L-33000N-61400E	100	210	32	17.6	3.1	41	14	6	<5	12
L-33000N-61425E	200	560	324	181	61.0	18	300	252	8	25
L-33000N-61450E	<100	10	<1	0.5	<0.5	190	<1	1	11	39
*Rep L-33000N-61450E	<100	10	<1	0.7	<0.5	215	<1	1	10	35
L-33000N-61475E	<100	70	<1	0.8	<0.5	101	<1	<1	<5	65
L-33000N-61500E	<100	70	3	2.3	<0.5	171	1	2	<5	17
L-33000N-61525E	100	140	29	15.7	6.9	308	27	33	<5	3
L-33000N-61550E	<100	80	4	5.5	<0.5	144	1	2	<5	14
L-33000N-61575E	<100	100	6	4.5	0.8	94	3	6	<5	2
L-33000N-61600E	<100	100	8	8.2	1.0	67	5	6	<5	3
L-33000N-61625E	<100	40	<1	0.8	<0.5	132	<1	1	<5	7
L-33000N-61650E	<100	20	<1	0.7	<0.5	87	<1	1	<5	21
L-33000N-61675E	<100	20	1	1.0	<0.5	109	2	3	<5	20
L-33000N-61700E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61725E	100	130	45	19.9	12.7	35	47	78	<5	1
L-33000N-61750E	<100	260	19	13.5	2.3	95	10	8	<5	9
*Rep L-33000N-61750E	<100	230	11	10.3	1.2	107	6	5	<5	13
L-33000N-61775E	<100	170	8	5.3	1.1	97	5	6	<5	5
L-33000N-61800E	<100	70	3	2.3	<0.5	145	2	5	8	25
L-33000N-61825E	<100	100	10	6.6	1.2	70	5	5	<5	8
L-33000N-61850E	<100	100	46	24.7	7.7	35	38	47	<5	1
L-33000N-61875E	<100	80	3	2.0	<0.5	129	1	2	10	12
L-33000N-61900E	<100	170	160	85.9	38.4	20	178	128	<5	2
L-33000N-61925E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61950E	<100	250	48	28.1	7.1	49	33	21	<5	5
L-33000N-61975E	<100	170	15	8.3	1.7	73	8	8	<5	8
L-33000N-62000E	<100	70	4	3.3	0.5	96	2	2	17	15
L-32800N-61150E	200	90	44	25.5	18.7	3	68	61	<5	7
L-32800N-61175E	<100	120	62	36.6	12.4	39	50	45	<5	2
*Rep L-32800N-61175E	<100	140	54	33.1	9.2	37	38	33	<5	2
L-32800N-61200E	<100	440	44	22.4	8.9	73	42	44	<5	17
L-32800N-61225E	<100	150	78	37.3	19.8	22	81	71	<5	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-32800N-61250E	<100	250	10	6.1	1.2	105	6	7	<5	3
L-32800N-61275E	<100	250	12	9.7	1.5	61	7	11	<5	1
L-32800N-61300E	<100	410	16	11.4	2.1	118	9	11	<5	3
L-32800N-61325E	<100	450	59	33.6	6.6	46	32	21	<5	6
L-32800N-61350E	<100	370	78	45.2	12.9	88	60	33	<5	12
L-32800N-61375E	<100	450	39	19.6	6.2	77	29	33	<5	5
L-32800N-61400E	<100	400	28	14.0	3.9	45	17	14	<5	3
L-32800N-61425E	<100	160	67	35.1	20.9	5	95	47	8	23
L-32800N-61450E	100	210	73	46.2	15.6	14	76	46	<5	24
L-32800N-61475E	200	270	141	76.5	26.0	33	127	63	<5	13
*Rep L-32800N-61475E	300	310	148	83.4	26.7	32	129	54	<5	13
L-32800N-61500E	200	250	116	57.4	30.4	12	127	75	<5	15
L-32800N-61525E	<100	90	3	2.5	0.9	55	3	2	16	40
L-32800N-61550E	<100	80	10	8.7	2.1	390	8	12	18	43
L-32800N-61575E	<100	160	11	8.1	1.6	197	7	6	48	47
L-32800N-61600E	<100	10	<1	<0.5	<0.5	40	<1	<1	<5	15
L-32800N-61625E	<100	80	62	47.8	12.2	68	58	21	<5	27
L-32800N-61650E	<100	330	56	43.4	6.9	77	35	18	<5	10
L-32800N-61675E	<100	230	7	4.9	1.7	119	7	7	<5	13
L-32800N-61700E	<100	220	8	7.3	0.7	80	3	3	<5	9
L-32800N-61725E	<100	270	70	35.0	20.4	21	88	94	<5	2
L-32800N-61750E	<100	190	4	5.2	<0.5	70	2	3	<5	6
L-32800N-61775E	<100	480	31	19.9	3.4	43	16	9	<5	1
*Rep L-32800N-61775E	<100	510	35	24.2	3.4	39	18	8	<5	2
L-32800N-61800E	<100	70	2	3.1	<0.5	52	1	2	<5	5
*Std MMISRM16	300	720	3	1.1	1.4	4	6	7	<5	42
*Std MMISRM16	300	680	3	1.2	1.5	4	7	8	<5	43
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-33000N-61150E	<5	3.1	1000	26	40	<1	197	<1	112	<1
*Rep L-33000N-61150E	<5	2.4	869	23	30	<1	172	<1	113	<1
L-33000N-61175E	<5	1.2	278	31	30	<1	55	<1	59	<1
L-33000N-61200E	<5	5.0	170	88	160	<1	36	<1	8	4
L-33000N-61225E	<5	<0.5	14	27	30	<1	3	<1	<5	<1
L-33000N-61250E	<5	1.1	33	37	20	<1	7	<1	35	<1
L-33000N-61275E	<5	1.1	46	20	30	<1	10	<1	28	<1
L-33000N-61300E	<5	5.5	3	37	<10	<1	<1	<1	43	<1
L-33000N-61325E	<5	1.2	161	60	90	<1	30	<1	128	<1
L-33000N-61350E	<5	1.4	185	47	30	<1	37	<1	87	<1
L-33000N-61375E	<5	1.8	18	35	20	<1	4	<1	45	<1
L-33000N-61400E	<5	<0.5	22	32	20	<1	5	<1	117	<1
L-33000N-61425E	<5	<0.5	603	51	30	<1	127	<1	141	<1
L-33000N-61450E	<5	5.7	2	49	<10	<1	<1	<1	135	<1
*Rep L-33000N-61450E	<5	4.4	2	52	<10	<1	<1	<1	125	<1
L-33000N-61475E	<5	18.2	<1	40	10	<1	<1	<1	38	<1
L-33000N-61500E	<5	5.9	2	53	30	<1	<1	<1	47	<1
L-33000N-61525E	6	35.1	65	32	80	<1	15	<1	96	<1
L-33000N-61550E	<5	2.8	2	36	<10	<1	<1	<1	34	<1
L-33000N-61575E	<5	3.7	7	26	20	<1	2	<1	51	<1
L-33000N-61600E	<5	4.3	11	17	10	<1	2	<1	80	<1
L-33000N-61625E	<5	6.5	1	25	<10	<1	<1	<1	23	<1
L-33000N-61650E	<5	1.9	2	47	<10	<1	<1	<1	122	<1
L-33000N-61675E	<5	<0.5	6	14	<10	<1	1	<1	53	<1
L-33000N-61700E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61725E	<5	2.3	135	21	80	<1	33	<1	139	<1
L-33000N-61750E	<5	5.8	21	35	60	<1	4	<1	99	<1
*Rep L-33000N-61750E	<5	5.4	11	33	30	<1	2	<1	89	<1
L-33000N-61775E	<5	5.7	10	44	70	<1	2	<1	201	<1
L-33000N-61800E	<5	14.7	6	33	40	<1	1	<1	28	<1
L-33000N-61825E	<5	10.5	10	15	90	<1	2	<1	53	<1
L-33000N-61850E	<5	3.1	96	17	80	<1	22	<1	129	<1
L-33000N-61875E	<5	11.1	3	24	20	<1	<1	<1	23	<1
L-33000N-61900E	<5	0.9	432	31	80	<1	84	<1	294	<1
L-33000N-61925E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61950E	<5	1.9	59	79	100	<1	12	<1	279	<1
L-33000N-61975E	<5	3.5	14	26	120	<1	3	<1	44	<1
L-33000N-62000E	<5	5.6	5	34	70	<1	<1	<1	63	<1
L-32800N-61150E	<5	<0.5	173	<5	20	<1	32	<1	137	<1
L-32800N-61175E	<5	1.4	111	20	<10	<1	24	<1	37	<1
*Rep L-32800N-61175E	<5	1.3	83	17	<10	<1	18	<1	36	<1
L-32800N-61200E	<5	2.6	99	76	90	<1	21	<1	174	<1
L-32800N-61225E	<5	1.6	196	15	50	<1	42	<1	90	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-32800N-61250E	<5	3.2	10	36	40	<1	2	<1	76	<1
L-32800N-61275E	<5	3.1	16	50	20	<1	4	<1	77	<1
L-32800N-61300E	<5	5.4	18	75	30	<1	4	<1	73	<1
L-32800N-61325E	<5	1.5	58	82	70	<1	12	<1	116	<1
L-32800N-61350E	<5	1.9	110	73	70	<1	21	<1	93	<1
L-32800N-61375E	<5	2.7	65	55	110	<1	15	<1	54	<1
L-32800N-61400E	<5	1.2	35	87	90	<1	8	<1	102	<1
L-32800N-61425E	<5	0.6	182	25	20	<1	33	<1	51	<1
L-32800N-61450E	<5	0.8	125	30	30	<1	23	<1	116	<1
L-32800N-61475E	<5	2.1	221	45	40	<1	41	<1	82	<1
*Rep L-32800N-61475E	<5	1.7	216	40	60	<1	39	<1	78	<1
L-32800N-61500E	<5	1.2	234	30	30	<1	44	<1	92	<1
L-32800N-61525E	7	3.3	9	104	100	<1	1	<1	166	1
L-32800N-61550E	<5	13.6	19	42	40	<1	4	<1	189	<1
L-32800N-61575E	<5	8.8	14	52	50	<1	3	<1	42	<1
L-32800N-61600E	<5	1.4	<1	31	<10	<1	<1	<1	77	<1
L-32800N-61625E	<5	6.5	92	27	120	<1	16	<1	21	<1
L-32800N-61650E	<5	5.3	59	50	100	<1	11	<1	144	<1
L-32800N-61675E	6	<0.5	18	69	<10	<1	4	<1	49	<1
L-32800N-61700E	<5	1.7	5	29	50	<1	1	<1	67	<1
L-32800N-61725E	<5	0.7	247	16	120	<1	50	<1	223	<1
L-32800N-61750E	<5	1.6	4	21	10	<1	<1	<1	228	<1
L-32800N-61775E	<5	0.8	28	47	100	<1	5	<1	147	<1
*Rep L-32800N-61775E	<5	0.6	28	48	100	<1	5	<1	152	<1
L-32800N-61800E	<5	0.5	3	21	<10	<1	<1	<1	129	<1
*Std MMISRM16	55	<0.5	20	298	140	31	4	<1	372	<1
*Std MMISRM16	56	<0.5	23	286	150	31	5	<1	372	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-33000N-61150E	64	275	<1	130	<1	61	<10	4.9	982	<0.5
*Rep L-33000N-61150E	55	236	<1	150	<1	59	<10	4.1	832	<0.5
L-33000N-61175E	7	81	<1	1040	<1	14	<10	2.2	26	<0.5
L-33000N-61200E	85	50	<1	680	<1	11	<10	2.8	304	<0.5
L-33000N-61225E	<5	5	<1	1080	<1	1	<10	<0.5	<3	<0.5
L-33000N-61250E	12	10	<1	1170	<1	2	<10	1.1	69	<0.5
L-33000N-61275E	26	17	<1	720	<1	5	<10	2.9	193	<0.5
L-33000N-61300E	32	1	<1	390	<1	<1	<10	2.4	1440	<0.5
L-33000N-61325E	110	55	<1	580	<1	19	<10	4.5	673	<0.5
L-33000N-61350E	80	63	<1	800	<1	16	<10	4.3	646	<0.5
L-33000N-61375E	38	7	<1	320	<1	4	<10	4.3	961	<0.5
L-33000N-61400E	35	9	<1	260	<1	4	<10	1.8	125	<0.5
L-33000N-61425E	156	194	<1	870	<1	57	<10	5.4	65	<0.5
L-33000N-61450E	38	<1	<1	910	<1	<1	<10	5.7	736	<0.5
*Rep L-33000N-61450E	45	<1	<1	850	<1	<1	<10	5.6	986	<0.5
L-33000N-61475E	7	<1	2	1060	1	<1	<10	2.8	5760	<0.5
L-33000N-61500E	19	<1	<1	440	<1	<1	<10	2.5	5760	<0.5
L-33000N-61525E	80	21	3	100	2	5	<10	14.5	18800	<0.5
L-33000N-61550E	14	<1	<1	380	<1	<1	<10	1.4	1900	<0.5
L-33000N-61575E	31	2	<1	80	<1	<1	<10	3.8	2540	<0.5
L-33000N-61600E	37	3	<1	160	<1	1	<10	3.4	3750	<0.5
L-33000N-61625E	8	<1	<1	600	<1	<1	<10	2.0	2330	<0.5
L-33000N-61650E	26	<1	<1	1020	<1	<1	<10	2.1	1040	<0.5
L-33000N-61675E	<5	1	<1	470	<1	<1	<10	<0.5	74	<0.5
L-33000N-61700E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61725E	126	41	<1	40	<1	9	<10	6.0	1750	<0.5
L-33000N-61750E	54	7	<1	110	<1	3	<10	5.2	1680	<0.5
*Rep L-33000N-61750E	47	4	<1	160	<1	2	<10	4.3	1750	<0.5
L-33000N-61775E	30	3	<1	120	<1	1	<10	5.2	1740	<0.5
L-33000N-61800E	42	1	2	340	<1	<1	<10	4.4	5010	<0.5
L-33000N-61825E	24	4	1	100	<1	1	<10	4.0	2810	<0.5
L-33000N-61850E	59	29	<1	50	<1	8	<10	5.0	1190	<0.5
L-33000N-61875E	34	<1	1	230	<1	<1	<10	5.3	2960	<0.5
L-33000N-61900E	175	136	<1	50	<1	31	<10	3.8	478	<0.5
L-33000N-61925E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61950E	109	23	<1	120	<1	8	<10	5.1	1140	<0.5
L-33000N-61975E	31	5	<1	120	<1	2	<10	5.3	2080	<0.5
L-33000N-62000E	29	2	<1	620	<1	<1	<10	3.6	1190	<0.5
L-32800N-61150E	73	51	<1	130	<1	9	<10	0.5	11	<0.5
L-32800N-61175E	85	36	<1	100	<1	11	<10	4.7	1260	<0.5
*Rep L-32800N-61175E	71	27	<1	90	<1	9	<10	3.8	1000	<0.5
L-32800N-61200E	60	29	<1	140	<1	8	<10	6.0	1050	<0.5
L-32800N-61225E	99	65	<1	30	<1	15	<10	4.6	1080	<0.5

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-32800N-61250E	21	4	<1	120	<1	2	<10	4.5	1400	<0.5
L-32800N-61275E	32	5	<1	30	<1	2	<10	3.8	2300	<0.5
L-32800N-61300E	35	7	<1	110	<1	2	<10	5.1	1870	<0.5
L-32800N-61325E	56	22	<1	170	<1	9	<10	3.7	453	<0.5
L-32800N-61350E	56	38	<1	260	<1	13	<10	4.3	798	<0.5
L-32800N-61375E	44	21	<1	120	<1	7	<10	6.7	2240	<0.5
L-32800N-61400E	36	12	<1	90	<1	4	<10	3.4	350	<0.5
L-32800N-61425E	<5	65	<1	1350	<1	14	<10	<0.5	<3	<0.5
L-32800N-61450E	35	46	<1	1760	<1	13	<10	1.7	87	<0.5
L-32800N-61475E	86	80	<1	500	<1	25	<10	4.9	509	<0.5
*Rep L-32800N-61475E	88	79	<1	590	<1	26	<10	4.8	490	<0.5
L-32800N-61500E	74	88	<1	820	<1	22	<10	2.8	318	<0.5
L-32800N-61525E	71	3	1	960	<1	<1	<10	1.7	571	1.0
L-32800N-61550E	125	6	2	1570	<1	2	<10	10.8	7370	<0.5
L-32800N-61575E	159	5	<1	890	<1	2	<10	11.8	3020	<0.5
L-32800N-61600E	20	<1	<1	620	<1	<1	<10	1.8	677	<0.5
L-32800N-61625E	63	34	<1	770	<1	9	<10	3.4	1450	<0.5
L-32800N-61650E	103	20	<1	310	<1	7	<10	5.0	2040	<0.5
L-32800N-61675E	35	5	<1	610	<1	1	<10	0.9	174	<0.5
L-32800N-61700E	32	2	<1	250	<1	<1	<10	2.0	789	<0.5
L-32800N-61725E	126	69	<1	40	<1	13	<10	4.7	366	<0.5
L-32800N-61750E	36	1	<1	270	<1	<1	<10	2.9	397	<0.5
L-32800N-61775E	91	11	<1	20	<1	4	<10	3.2	439	<0.5
*Rep L-32800N-61775E	90	11	<1	30	<1	4	<10	2.6	328	<0.5
L-32800N-61800E	29	<1	<1	100	<1	<1	<10	1.7	103	<0.5
*Std MMISRM16	10	6	<1	550	<1	<1	<10	35.0	<3	<0.5
*Std MMISRM16	10	7	<1	550	<1	<1	<10	36.7	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Bik BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102674 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-33000N-61150E	19	2	1870	88	240	84
*Rep L-33000N-61150E	18	1	1760	91	250	63
L-33000N-61175E	635	11	425	20	660	15
L-33000N-61200E	580	5	415	31	380	43
L-33000N-61225E	51	3	41	3	970	<5
L-33000N-61250E	90	2	70	4	270	11
L-33000N-61275E	122	1	221	15	620	19
L-33000N-61300E	4	<1	10	2	300	58
L-33000N-61325E	15	<1	700	44	900	47
L-33000N-61350E	18	<1	561	31	160	40
L-33000N-61375E	4	<1	181	22	940	34
L-33000N-61400E	7	<1	140	13	570	31
L-33000N-61425E	211	1	2320	122	290	26
L-33000N-61450E	3	<1	<5	<1	550	88
*Rep L-33000N-61450E	3	<1	<5	<1	540	82
L-33000N-61475E	1	<1	5	1	1330	40
L-33000N-61500E	2	<1	17	3	510	30
L-33000N-61525E	16	3	128	13	470	190
L-33000N-61550E	1	<1	25	8	380	16
L-33000N-61575E	2	<1	30	5	190	49
L-33000N-61600E	3	<1	50	10	270	51
L-33000N-61625E	<1	<1	<5	<1	820	35
L-33000N-61650E	1	<1	5	2	320	43
L-33000N-61675E	<1	<1	12	<1	440	<5
L-33000N-61700E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61725E	6	<1	194	15	370	113
L-33000N-61750E	4	<1	96	12	930	73
*Rep L-33000N-61750E	3	<1	57	11	830	60
L-33000N-61775E	4	<1	46	4	410	55
L-33000N-61800E	3	<1	16	3	490	69
L-33000N-61825E	2	<1	49	5	840	48
L-33000N-61850E	3	<1	236	18	120	38
L-33000N-61875E	2	<1	12	2	590	87
L-33000N-61900E	8	<1	906	61	260	46
L-33000N-61925E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L-33000N-61950E	7	<1	226	22	430	72
L-33000N-61975E	3	<1	63	6	1280	61
L-33000N-62000E	2	<1	23	4	1390	31
L-32800N-61150E	4	<1	294	19	220	14
L-32800N-61175E	3	<1	327	29	520	81
*Rep L-32800N-61175E	2	<1	269	26	540	67
L-32800N-61200E	4	<1	243	15	890	65
L-32800N-61225E	6	<1	369	27	110	68

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Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-32800N-61250E	3	<1	39	5	650	45
L-32800N-61275E	3	<1	54	9	190	43
L-32800N-61300E	4	<1	75	10	1390	61
L-32800N-61325E	5	<1	253	24	1930	35
L-32800N-61350E	4	<1	461	31	620	41
L-32800N-61375E	4	<1	174	13	480	62
L-32800N-61400E	3	<1	115	10	750	31
L-32800N-61425E	188	<1	372	22	330	9
L-32800N-61450E	108	<1	527	32	940	15
L-32800N-61475E	20	<1	864	48	590	39
*Rep L-32800N-61475E	19	1	930	55	970	36
L-32800N-61500E	14	<1	557	38	410	29
L-32800N-61525E	2	<1	25	3	2130	132
L-32800N-61550E	16	2	65	12	830	111
L-32800N-61575E	8	2	52	10	1760	185
L-32800N-61600E	1	<1	<5	<1	1020	25
L-32800N-61625E	3	<1	392	40	990	36
L-32800N-61650E	5	<1	347	32	520	54
L-32800N-61675E	5	<1	45	5	150	23
L-32800N-61700E	1	<1	39	7	340	20
L-32800N-61725E	6	<1	331	25	170	52
L-32800N-61750E	3	<1	15	7	160	30
L-32800N-61775E	5	<1	135	16	330	40
*Rep L-32800N-61775E	5	<1	152	19	440	32
L-32800N-61800E	2	<1	11	5	220	24
*Std MMISRM16	60	<1	14	<1	270	15
*Std MMISRM16	62	<1	14	<1	240	16
*Bik BLANK	<1	<1	<5	<1	<20	<5
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102675

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

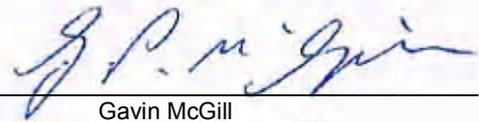
Date: Oct 03, 2008

P.O. No. :
Project No. : CLORES
No. Of Samples 41
Date Submitted Aug 21, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 41 Soils

Certified By : _____



Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-32900N-62375E	16	>300	<10	<0.1	2370	<1	90	22	79	481
*Rep L-32900N-62375E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L-32900N-62350E	7	114	<10	<0.1	290	<1	150	38	13	37
L-32900N-62325E	20	>300	<10	<0.1	380	<1	50	51	11	44
L-32900N-62300E	24	>300	<10	<0.1	360	<1	50	27	57	29
L-32900N-62275E	10	>300	<10	<0.1	240	<1	10	10	9	36
L-32900N-62250E	6	257	<10	<0.1	290	<1	20	6	<5	16
L-32900N-62225E	12	293	<10	<0.1	360	<1	40	25	104	94
L-32900N-62200E	17	176	<10	<0.1	460	<1	390	15	15	13
L-32900N-62175E	21	236	<10	<0.1	230	<1	20	14	59	116
L-32900N-62150E	40	172	<10	<0.1	480	<1	60	10	253	125
L-32900N-62125E	20	>300	10	<0.1	1620	<1	100	14	156	67
L-32900N-62100E	27	295	<10	<0.1	270	<1	<10	16	46	75
L-32900N-62075E	12	266	<10	<0.1	460	<1	10	18	23	50
*Rep L-32900N-62075E	13	279	<10	<0.1	460	<1	20	17	17	37
L-32900N-62050E	12	278	<10	<0.1	370	<1	20	22	16	23
L-32900N-62025E	26	263	<10	<0.1	780	<1	30	8	214	234
L-32900N-62000E	5	283	<10	<0.1	320	<1	20	18	10	17
L-32900N-61975E	32	>300	<10	<0.1	420	<1	10	12	48	121
L-32900N-61950E	13	>300	<10	<0.1	340	<1	20	15	13	46
L-32900N-61925E	16	174	<10	<0.1	180	<1	20	11	205	88
L-32900N-61900E	22	272	<10	<0.1	760	<1	60	15	36	24
L-32900N-61875E	44	36	<10	<0.1	70	<1	<10	4	25	86
L-32800N-61825E	20	161	<10	<0.1	150	<1	<10	7	104	52
L-32800N-61850E	3	>300	<10	<0.1	410	<1	<10	6	9	94
L-32800N-61875E	12	>300	<10	<0.1	320	<1	10	20	40	98
L-32800N-61900E	43	125	<10	<0.1	850	<1	350	10	95	18
*Rep L-32800N-61900E	43	123	<10	<0.1	840	<1	340	10	95	21
L-32800N-61925E	4	>300	<10	<0.1	1380	<1	140	11	50	50
L-32800N-61950E	9	290	<10	<0.1	360	<1	20	16	18	70
L-32800N-61975E	2	129	<10	<0.1	430	2	150	70	22	72
L-32800N-62000E	<1	99	<10	<0.1	250	<1	50	15	<5	28
L-32800N-62025E	17	225	<10	<0.1	230	<1	150	13	14	65
L-32800N-62050E	1	203	<10	<0.1	480	<1	60	7	<5	29
L-32800N-62100E	12	81	<10	<0.1	690	<1	180	23	26	<5
L-32800N-62125E	21	>300	<10	<0.1	370	<1	30	28	37	96
L-32800N-62150E	2	117	<10	<0.1	760	<1	260	49	23	41
L-32800N-62175E	40	230	<10	<0.1	1120	<1	150	36	112	46
L-32800N-62200E	13	116	20	<0.1	1970	<1	200	27	176	100
L-32800N-62225E	49	>300	<10	<0.1	860	<1	20	17	138	108
*Rep L-32800N-62225E	46	289	<10	<0.1	580	<1	20	19	78	107
L-32800N-62250E	3	286	<10	<0.1	340	<1	30	12	7	125
L-32800N-62275E	7	97	<10	<0.1	870	<1	420	55	25	7

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Final : TO102675 Order:

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L-32800N-62300E	4	110	<10	<0.1	960	<1	420	64	34	6
L-32800N-62325E	12	126	<10	<0.1	500	<1	420	34	77	42
*Std MMISRM16	17	48	10	23.6	50	<1	270	4	19	56
*BIK BLANK	1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 PPB	Cu MMI-M5 10 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Fe MMI-M5 1 PPM	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Li MMI-M5 5 PPB	Mg MMI-M5 1 PPM
L-32900N-62375E	<100	790	44	36.3	4.3	395	21	34	28	31
*Rep L-32900N-62375E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L-32900N-62350E	<100	700	64	43.3	12.5	27	55	33	<5	18
L-32900N-62325E	<100	740	10	7.5	1.1	90	5	6	<5	17
L-32900N-62300E	<100	440	82	47.2	9.0	54	45	19	<5	12
L-32900N-62275E	<100	290	8	6.7	0.7	87	4	5	<5	3
L-32900N-62250E	<100	200	3	2.5	<0.5	114	<1	1	<5	4
L-32900N-62225E	<100	650	54	26.1	8.1	58	40	33	<5	3
L-32900N-62200E	<100	140	13	7.5	3.0	26	14	11	<5	45
L-32900N-62175E	<100	250	45	29.1	4.2	40	24	17	<5	2
L-32900N-62150E	<100	340	79	40.4	19.0	26	86	104	<5	5
L-32900N-62125E	<100	1040	27	11.9	5.8	41	24	34	<5	4
L-32900N-62100E	<100	530	21	10.5	2.9	43	13	12	<5	<1
L-32900N-62075E	<100	220	13	6.8	1.6	45	7	7	<5	1
*Rep L-32900N-62075E	<100	180	10	5.7	1.4	65	6	6	<5	2
L-32900N-62050E	<100	280	26	16.0	3.2	95	15	8	<5	6
L-32900N-62025E	<100	220	39	17.4	10.2	79	40	52	<5	5
L-32900N-62000E	<100	230	11	6.9	1.0	126	5	3	<5	6
L-32900N-61975E	<100	400	20	9.8	3.1	66	15	16	<5	2
L-32900N-61950E	<100	350	12	8.7	1.0	146	4	6	<5	4
L-32900N-61925E	<100	410	124	70.7	25.3	40	118	76	<5	3
L-32900N-61900E	<100	260	39	22.4	7.1	114	35	24	<5	14
L-32900N-61875E	<100	270	19	15.1	3.3	11	14	8	<5	1
L-32800N-61825E	<100	210	40	25.3	8.1	29	35	34	<5	1
L-32800N-61850E	<100	120	4	3.5	0.6	133	2	4	<5	4
L-32800N-61875E	<100	290	33	17.3	4.5	77	24	14	<5	5
L-32800N-61900E	<100	1340	38	17.6	13.5	20	53	48	<5	34
*Rep L-32800N-61900E	<100	1370	40	19.6	13.5	21	55	48	<5	30
L-32800N-61925E	<100	290	6	3.4	1.3	135	5	17	39	53
L-32800N-61950E	<100	190	9	7.0	0.9	90	4	4	<5	3
L-32800N-61975E	<100	280	4	2.9	1.3	32	4	10	8	43
L-32800N-62000E	<100	70	<1	<0.5	<0.5	41	<1	2	6	18
L-32800N-62025E	<100	170	9	4.4	1.4	73	6	6	<5	8
L-32800N-62050E	<100	30	<1	0.5	<0.5	166	<1	<1	<5	26
L-32800N-62100E	<100	610	117	70.9	18.2	5	79	35	<5	33
L-32800N-62125E	<100	290	31	16.7	5.1	87	23	15	<5	7
L-32800N-62150E	<100	110	56	34.5	13.0	50	51	30	<5	47
L-32800N-62175E	<100	1500	117	63.2	28.8	30	123	78	<5	13
L-32800N-62200E	<100	1290	76	44.5	21.9	131	89	89	<5	30
L-32800N-62225E	<100	720	46	22.4	8.6	103	40	46	<5	1
*Rep L-32800N-62225E	<100	630	40	19.8	5.9	89	29	25	<5	2
L-32800N-62250E	<100	240	4	5.4	<0.5	69	2	2	<5	4
L-32800N-62275E	<100	370	82	50.7	24.9	6	107	48	<5	47

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L-32800N-62300E	<100	530	219	146	44.9	10	211	94	<5	53
L-32800N-62325E	<100	1220	59	34.1	16.0	41	72	43	<5	40
*Std MMISRM16	<100	570	3	1.0	1.4	3	5	5	<5	43
*BIK BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-32900N-62375E	<5	4.7	48	50	70	<1	11	<1	148	<1
*Rep L-32900N-62375E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L-32900N-62350E	<5	<0.5	92	40	20	<1	17	<1	24	<1
L-32900N-62325E	<5	<0.5	10	60	40	<1	2	<1	83	<1
L-32900N-62300E	<5	2.8	77	78	70	<1	13	<1	145	<1
L-32900N-62275E	<5	<0.5	8	33	30	<1	1	<1	49	<1
L-32900N-62250E	<5	1.3	2	27	<10	<1	<1	<1	32	<1
L-32900N-62225E	<5	1.5	83	62	50	<1	16	<1	137	<1
L-32900N-62200E	<5	0.9	27	55	90	<1	5	<1	39	<1
L-32900N-62175E	<5	0.9	50	50	50	<1	10	<1	145	<1
L-32900N-62150E	<5	0.9	228	56	60	<1	46	<1	292	<1
L-32900N-62125E	<5	2.5	63	27	200	<1	13	<1	232	<1
L-32900N-62100E	<5	1.4	30	65	50	<1	6	<1	193	<1
L-32900N-62075E	<5	0.9	15	45	90	<1	3	<1	135	<1
*Rep L-32900N-62075E	<5	1.4	12	46	90	<1	2	<1	100	<1
L-32900N-62050E	<5	3.7	22	21	90	<1	4	<1	18	<1
L-32900N-62025E	<5	4.3	115	20	70	<1	23	<1	152	<1
L-32900N-62000E	<5	1.5	8	11	70	<1	1	<1	38	<1
L-32900N-61975E	<5	1.2	33	42	140	<1	7	<1	140	<1
L-32900N-61950E	<5	5.2	8	32	80	<1	2	<1	48	<1
L-32900N-61925E	<5	1.3	245	46	90	<1	43	<1	228	<1
L-32900N-61900E	<5	5.3	68	39	110	<1	12	<1	65	<1
L-32900N-61875E	8	<0.5	30	83	60	<1	5	<1	268	<1
L-32800N-61825E	<5	2.5	93	25	90	<1	17	<1	87	<1
L-32800N-61850E	<5	5.8	6	18	10	<1	1	<1	43	<1
L-32800N-61875E	<5	6.1	42	36	110	<1	8	<1	79	<1
L-32800N-61900E	<5	1.4	124	40	50	<1	22	<1	117	<1
*Rep L-32800N-61900E	<5	1.3	126	41	50	<1	22	<1	111	<1
L-32800N-61925E	<5	9.6	19	111	40	<1	4	<1	108	<1
L-32800N-61950E	<5	2.8	7	38	50	<1	1	<1	55	<1
L-32800N-61975E	<5	0.7	14	101	420	<1	3	<1	208	<1
L-32800N-62000E	<5	4.3	2	44	50	<1	<1	<1	57	<1
L-32800N-62025E	<5	1.4	11	45	70	<1	2	<1	91	<1
L-32800N-62050E	<5	6.2	<1	20	<10	<1	<1	<1	66	<1
L-32800N-62100E	<5	<0.5	142	22	20	<1	24	<1	168	<1
L-32800N-62125E	<5	4.5	46	33	230	<1	8	<1	109	<1
L-32800N-62150E	<5	2.7	101	27	220	<1	18	<1	37	<1
L-32800N-62175E	<5	2.0	237	61	170	<1	41	<1	113	<1
L-32800N-62200E	6	3.8	246	65	40	<1	47	<1	107	<1
L-32800N-62225E	<5	3.6	100	48	90	<1	20	<1	116	<1
*Rep L-32800N-62225E	<5	2.4	61	49	100	<1	12	<1	107	<1
L-32800N-62250E	<5	1.6	4	78	10	<1	<1	<1	47	<1
L-32800N-62275E	<5	<0.5	184	31	30	<1	30	<1	68	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-32800N-62300E	<5	<0.5	319	21	40	<1	52	<1	60	<1
L-32800N-62325E	<5	0.6	139	80	280	<1	24	<1	77	<1
*Std MMISRM16	55	<0.5	17	219	110	25	3	<1	322	<1
*BIK BLANK	<5	<0.5	2	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-32900N-62375E	442	15	<1	460	<1	5	<10	16.8	3950	0.8
*Rep L-32900N-62375E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L-32900N-62350E	129	36	<1	590	<1	10	<10	1.3	25	0.7
L-32900N-62325E	27	4	<1	120	<1	1	<10	2.1	302	<0.5
L-32900N-62300E	82	30	<1	130	<1	11	<10	4.2	1240	<0.5
L-32900N-62275E	25	2	<1	50	<1	<1	<10	1.9	267	<0.5
L-32900N-62250E	16	<1	<1	100	<1	<1	<10	1.9	561	<0.5
L-32900N-62225E	129	28	<1	80	<1	8	<10	4.5	945	<0.5
L-32900N-62200E	21	10	<1	960	<1	2	<10	2.0	379	<0.5
L-32900N-62175E	83	16	<1	60	<1	6	<10	3.9	376	<0.5
L-32900N-62150E	200	68	<1	80	<1	14	<10	4.9	635	<0.5
L-32900N-62125E	102	19	<1	170	<1	4	<10	12.2	3390	<0.5
L-32900N-62100E	77	10	<1	30	<1	3	<10	4.6	448	<0.5
L-32900N-62075E	42	5	<1	50	<1	2	<10	3.5	598	<0.5
*Rep L-32900N-62075E	38	3	<1	60	<1	1	<10	4.1	809	<0.5
L-32900N-62050E	41	8	<1	60	<1	3	<10	3.8	1100	<0.5
L-32900N-62025E	91	35	<1	60	<1	7	<10	11.9	3510	<0.5
L-32900N-62000E	29	3	<1	40	<1	1	<10	2.7	624	<0.5
L-32900N-61975E	81	11	<1	40	<1	3	<10	5.9	701	<0.5
L-32900N-61950E	36	3	<1	60	<1	1	<10	4.6	1920	<0.5
L-32900N-61925E	176	81	<1	50	<1	19	<10	4.2	564	<0.5
L-32900N-61900E	49	23	<1	240	<1	6	<10	4.3	1860	<0.5
L-32900N-61875E	55	10	<1	<10	<1	3	<10	1.1	96	<0.5
L-32800N-61825E	103	28	<1	<10	<1	6	<10	4.2	868	<0.5
L-32800N-61850E	48	1	<1	80	<1	<1	<10	3.0	4730	<0.5
L-32800N-61875E	86	16	<1	80	<1	5	<10	4.9	4670	<0.5
L-32800N-61900E	82	41	<1	500	<1	8	<10	5.5	776	<0.5
*Rep L-32800N-61900E	85	41	<1	490	<1	7	<10	5.6	851	<0.5
L-32800N-61925E	57	4	<1	750	<1	<1	<10	7.5	1720	<0.5
L-32800N-61950E	31	3	<1	80	<1	<1	<10	4.0	1430	<0.5
L-32800N-61975E	26	4	<1	450	<1	<1	<10	1.1	475	0.6
L-32800N-62000E	15	<1	<1	200	<1	<1	<10	1.5	934	<0.5
L-32800N-62025E	41	5	<1	270	<1	1	<10	4.1	1230	<0.5
L-32800N-62050E	18	<1	<1	290	<1	<1	<10	1.1	776	<0.5
L-32800N-62100E	73	46	<1	890	<1	16	<10	0.9	22	<0.5
L-32800N-62125E	64	16	<1	130	<1	5	<10	6.6	2200	<0.5
L-32800N-62150E	61	35	<1	1080	<1	8	<10	4.1	1080	<0.5
L-32800N-62175E	174	82	<1	430	<1	19	<10	6.7	1130	<0.5
L-32800N-62200E	150	73	<1	750	<1	13	<10	9.4	3760	<0.5
L-32800N-62225E	147	33	<1	100	<1	7	<10	11.5	4220	<0.5
*Rep L-32800N-62225E	118	22	<1	90	<1	6	<10	8.9	2820	<0.5
L-32800N-62250E	32	1	<1	100	<1	<1	<10	2.5	487	<0.5
L-32800N-62275E	37	72	<1	1340	<1	14	<10	0.6	41	<0.5

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L-32800N-62300E	147	125	<1	1540	<1	34	<10	1.3	31	<0.5
L-32800N-62325E	65	47	<1	810	<1	10	<10	2.7	329	<0.5
*Std MMISRM16	15	6	<1	480	<1	<1	<10	30.7	5	<0.5
*BIK BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-32900N-62375E	10	3	224	37	5510	153
*Rep L-32900N-62375E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L-32900N-62350E	12	<1	525	30	600	<5
L-32900N-62325E	2	<1	52	6	1090	14
L-32900N-62300E	4	1	416	30	2940	39
L-32900N-62275E	1	<1	38	5	720	18
L-32900N-62250E	<1	<1	12	3	490	21
L-32900N-62225E	4	<1	232	18	640	54
L-32900N-62200E	1	<1	97	5	420	13
L-32900N-62175E	2	<1	244	20	610	32
L-32900N-62150E	6	<1	419	31	460	94
L-32900N-62125E	6	<1	98	9	340	132
L-32900N-62100E	3	<1	86	8	800	66
L-32900N-62075E	2	<1	68	5	180	35
*Rep L-32900N-62075E	2	<1	55	4	230	37
L-32900N-62050E	1	<1	153	10	1950	31
L-32900N-62025E	4	<1	177	13	1320	122
L-32900N-62000E	1	<1	59	4	1580	17
L-32900N-61975E	4	<1	83	7	920	74
L-32900N-61950E	2	<1	56	6	870	51
L-32900N-61925E	5	<1	817	46	1110	47
L-32900N-61900E	2	<1	258	15	750	33
L-32900N-61875E	4	<1	132	12	450	29
L-32800N-61825E	3	<1	249	19	360	51
L-32800N-61850E	1	<1	22	5	460	62
L-32800N-61875E	3	<1	170	12	1750	60
L-32800N-61900E	4	<1	225	13	400	47
*Rep L-32800N-61900E	4	<1	217	13	330	54
L-32800N-61925E	1	<1	30	3	2810	77
L-32800N-61950E	2	<1	43	6	650	35
L-32800N-61975E	<1	<1	30	2	3970	17
L-32800N-62000E	<1	<1	<5	<1	1550	18
L-32800N-62025E	2	<1	37	3	660	39
L-32800N-62050E	<1	<1	<5	<1	270	16
L-32800N-62100E	3	<1	855	43	1570	<5
L-32800N-62125E	4	<1	163	12	760	51
L-32800N-62150E	1	<1	403	24	2220	20
L-32800N-62175E	5	<1	807	43	590	53
L-32800N-62200E	11	1	480	38	230	102
L-32800N-62225E	5	1	191	17	670	118
*Rep L-32800N-62225E	4	<1	175	15	800	80
L-32800N-62250E	<1	<1	22	8	630	29
L-32800N-62275E	5	<1	613	31	390	6

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L-32800N-62300E	11	2	1840	93	410	6
L-32800N-62325E	4	3	415	25	1250	16
*Std MMISRM16	38	<1	13	<1	200	14
*BIK BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO103849

To: **Geotronics Consulting Inc.**

Attn: David G.Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Dec 10, 2008

P.O. No. :
Project No. : PITTMAN
No. Of Samples 69
Date Submitted Oct 16, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 69 Soils

Comments:

duplicate sample:L-52600N-44500N-A

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-64900N-42775E	2	<1	<10	<0.1	270	5	20	10	5	28
*Rep L-64900N-42775E	3	<1	<10	<0.1	260	4	20	13	5	30
L-64900N-42800E	1	<1	<10	<0.1	240	1	<10	4	<5	17
L-64900N-42825E	<1	<1	<10	<0.1	980	4	40	8	<5	22
L-64900N-42850E	4	<1	<10	<0.1	210	<1	<10	5	5	23
L-64900N-42875E	4	<1	<10	<0.1	400	<1	<10	8	12	41
L-64900N-42900E	7	<1	<10	<0.1	1070	<1	60	15	<5	50
L-64900N-42925E	2	<1	<10	<0.1	490	<1	<10	3	<5	29
L-64900N-42950E	9	<1	<10	<0.1	3780	10	40	11	420	61
L-64900N-42975E	<1	<1	<10	<0.1	3360	<1	40	5	<5	77
L-64900N-43000E	7	<1	<10	<0.1	2000	<1	10	7	93	147
L-64900N-43025E	9	<1	10	<0.1	17700	<1	60	11	593	44
L-64900N-43050E	10	<1	<10	<0.1	380	<1	<10	19	14	43
L-64900N-43075E	35	59	<10	<0.1	230	<1	<10	7	63	8
*Rep L-64900N-43075E	33	74	<10	<0.1	300	<1	10	7	85	7
L-64900N-43100E	9	13	<10	<0.1	4960	<1	210	8	27	10
L-52600N-44325E	6	<1	<10	<0.1	230	<1	<10	26	24	21
L-52600N-44350E	3	<1	<10	<0.1	450	<1	30	39	<5	320
L-52600N-44375E	10	118	<10	<0.1	1190	<1	280	24	61	20
L-52600N-44400E	8	<1	<10	0.3	700	<1	30	49	34	154
L-52600N-44425E	11	<1	<10	<0.1	840	<1	30	51	37	126
L-52600N-44450E	8	<1	<10	<0.1	590	<1	40	38	13	252
L-52600N-44475E	20	73	<10	0.1	3120	<1	340	27	32	5
L-52600N-44500E	26	105	<10	<0.1	1990	<1	460	21	13	25
L-52600N-44525E	4	56	<10	0.5	5070	<1	330	2	71	<5
L-52600N-44550E	<1	<1	<10	<0.1	220	<1	20	5	7	35
L-52600N-44575E	14	<1	<10	0.1	5210	<1	250	14	491	25
*Rep L-52600N-44575E	15	<1	<10	0.2	5280	<1	270	15	396	26
L-52600N-44600E	2	163	<10	<0.1	2180	<1	430	100	75	37
L-52600N-44625E	<1	28	<10	<0.1	510	<1	170	17	20	15
L-52600N-44650E	1	157	10	<0.1	1080	<1	30	14	77	191
L-52600N-44675E	2	<1	<10	<0.1	380	<1	10	5	<5	23
L-52600N-44700E	2	<1	<10	<0.1	1330	<1	30	20	6	419
L-64600N-43500E	8	<1	<10	<0.1	2820	115	10	26	95	96
L-64600N-43475E	12	<1	10	<0.1	1260	9	<10	24	105	38
L-64600N-43450E	20	<1	20	<0.1	1650	60	20	10	147	78
L-64600N-43425E	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
L-64600N-43400E	14	142	<10	<0.1	260	<1	<10	14	34	33
L-64600N-43375E	9	148	<10	<0.1	60	<1	<10	19	<5	6
L-64600N-43350E	9	<1	10	<0.1	230	<1	<10	15	32	30
*Rep L-64600N-43350E	7	<1	<10	<0.1	240	<1	<10	17	24	33
L-64600N-43325E	11	60	<10	<0.1	270	<1	<10	12	28	91
L-64600N-43300E	4	<1	<10	<0.1	230	<1	<10	15	12	32

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L-64600N-43275E	3	<1	<10	<0.1	320	<1	<10	8	12	38
L-64600N-43250E	4	<1	10	<0.1	240	<1	<10	6	48	61
L-64600N-43225E	2	154	<10	<0.1	110	<1	<10	6	<5	17
L-64600N-43200E	<1	<1	<10	<0.1	190	<1	<10	4	<5	24
L-64600N-43175E	4	<1	30	<0.1	430	<1	<10	10	91	64
L-64600N-43150E	<1	9	<10	<0.1	30	<1	<10	<1	12	<5
L-64600N-43125E	<1	<1	<10	<0.1	210	<1	20	15	<5	19
L-64600N-43100E	2	<1	<10	<0.1	600	<1	<10	7	<5	12
L-64600N-43075E	1	<1	<10	<0.1	670	<1	20	9	<5	33
L-64600N-43050E	4	<1	<10	<0.1	2470	2	100	36	75	24
*Rep L-64600N-43050E	3	<1	<10	<0.1	2580	2	100	34	60	24
L-64600N-43025E	1	<1	<10	<0.1	800	2	30	12	24	52
L-64600N-43000E	1	<1	<10	<0.1	2200	2	110	28	100	36
L-65500N-41900E	<1	135	<10	<0.1	270	<1	<10	2	<5	21
L-65500N-41925E	<1	147	<10	<0.1	240	2	40	16	<5	14
L-65500N-41950E	2	<1	<10	<0.1	100	<1	<10	11	5	24
L-65500N-41975E	<1	<1	10	<0.1	260	<1	<10	3	8	11
L-65500N-42000E	<1	<1	<10	<0.1	400	<1	20	3	<5	35
L-65500N-42025E	<1	<1	<10	<0.1	380	5	150	3	5	61
L-65500N-42050E	3	112	<10	<0.1	110	<1	<10	9	19	18
L-65500N-42075E	<1	<1	<10	<0.1	780	1	30	9	5	198
L-65500N-42100E	6	<1	20	<0.1	190	<1	10	15	173	24
L-65500N-42125E	4	<1	<10	<0.1	240	1	10	8	<5	115
*Rep L-65500N-42125E	5	<1	<10	<0.1	250	1	10	9	<5	111
L-65500N-42150E	<1	49	<10	<0.1	250	1	20	4	<5	10
L-65500N-42175E	<1	80	<10	<0.1	120	3	30	3	<5	13
L-65500N-42200E	2	<1	<10	<0.1	390	42	<10	5	<5	24
L-65500N-42225E	10	<1	<10	<0.1	790	32	<10	3	<5	13
L-65500N-42250E	3	<1	<10	<0.1	190	5	<10	3	<5	6
L-65500N-42275E	<1	<1	<10	<0.1	70	2	<10	5	<5	5
L-65500N-42300E	<1	<1	<10	<0.1	220	57	60	9	<5	30
L-52600N-44500N-A	4	<1	<10	<0.1	1240	<1	80	64	23	78
*Std MMISRM18	19	29	10	7.1	150	<1	170	78	39	75
*Std MMISRM18	20	27	10	7.9	150	<1	200	84	42	74
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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L-64900N-42775E	<100	320	2	1.7	<0.5	74	<1	1	<5	3
*Rep L-64900N-42775E	<100	390	3	2.2	<0.5	68	1	2	<5	2
L-64900N-42800E	<100	260	<1	0.7	<0.5	53	<1	<1	<5	3
L-64900N-42825E	<100	20	<1	<0.5	<0.5	62	<1	<1	<5	8
L-64900N-42850E	<100	150	2	1.4	<0.5	54	<1	2	<5	4
L-64900N-42875E	<100	160	4	2.5	0.6	54	2	4	<5	2
L-64900N-42900E	<100	360	3	2.4	<0.5	27	<1	<1	<5	7
L-64900N-42925E	<100	190	<1	0.9	<0.5	46	<1	<1	<5	3
L-64900N-42950E	<100	230	20	7.4	6.7	66	25	125	<5	7
L-64900N-42975E	<100	40	<1	1.0	<0.5	86	<1	1	10	10
L-64900N-43000E	<100	310	63	31.5	13.0	25	55	27	<5	4
L-64900N-43025E	<100	560	451	195	129	48	524	430	<5	25
L-64900N-43050E	<100	180	7	3.5	0.9	48	4	5	<5	1
L-64900N-43075E	<100	80	12	7.7	3.4	8	14	32	<5	5
*Rep L-64900N-43075E	<100	90	16	8.6	5.5	9	21	41	<5	5
L-64900N-43100E	<100	430	5	2.1	2.7	10	9	22	<5	12
L-52600N-44325E	<100	220	11	7.8	1.0	47	4	9	<5	<1
L-52600N-44350E	<100	940	5	4.2	<0.5	123	2	2	<5	7
L-52600N-44375E	<100	1530	13	6.6	5.1	20	18	31	<5	15
L-52600N-44400E	<100	2550	12	6.0	2.7	61	10	12	<5	10
L-52600N-44425E	<100	1030	12	5.9	2.8	63	11	12	<5	10
L-52600N-44450E	<100	1220	3	2.1	0.6	174	2	5	<5	8
L-52600N-44475E	<100	1380	10	4.9	4.3	9	16	19	<5	12
L-52600N-44500E	<100	510	6	3.2	1.5	13	6	8	<5	15
L-52600N-44525E	<100	280	13	5.5	5.1	4	22	40	<5	13
L-52600N-44550E	<100	250	2	3.0	<0.5	169	1	3	<5	3
L-52600N-44575E	<100	520	91	52.0	19.6	54	89	138	<5	15
*Rep L-52600N-44575E	<100	540	85	49.9	18.2	47	84	118	<5	16
L-52600N-44600E	<100	1930	28	18.9	5.4	66	24	27	<5	14
L-52600N-44625E	<100	130	7	4.8	1.6	18	7	8	<5	8
L-52600N-44650E	<100	1860	10	5.7	2.1	324	9	26	<5	4
L-52600N-44675E	<100	80	1	1.4	<0.5	131	<1	2	<5	7
L-52600N-44700E	<100	1230	5	7.6	<0.5	134	2	2	16	11
L-64600N-43500E	<100	100	5	2.3	1.6	132	6	32	<5	2
L-64600N-43475E	<100	160	12	5.5	3.6	92	13	32	<5	3
L-64600N-43450E	<100	140	13	6.8	3.7	143	15	63	<5	4
L-64600N-43425E	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
L-64600N-43400E	<100	160	23	11.1	2.9	37	12	9	<5	2
L-64600N-43375E	<100	160	5	3.1	0.5	23	2	2	<5	<1
L-64600N-43350E	<100	160	8	3.7	2.0	91	7	12	<5	<1
*Rep L-64600N-43350E	<100	160	7	3.8	1.6	93	6	9	<5	1
L-64600N-43325E	<100	210	36	20.7	3.5	22	15	5	<5	3
L-64600N-43300E	<100	190	8	5.3	1.1	60	4	4	<5	1

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L-64600N-43275E	<100	110	8	4.8	1.1	61	5	6	<5	<1
L-64600N-43250E	<100	190	13	5.9	3.0	85	11	14	<5	<1
L-64600N-43225E	<100	130	4	2.8	<0.5	65	1	<1	<5	<1
L-64600N-43200E	<100	110	1	0.9	<0.5	117	<1	<1	<5	3
L-64600N-43175E	<100	300	13	5.1	3.9	103	13	20	<5	<1
L-64600N-43150E	<100	<10	2	0.7	0.5	2	2	3	<5	<1
L-64600N-43125E	<100	60	<1	0.6	<0.5	123	<1	<1	<5	11
L-64600N-43100E	<100	70	<1	0.6	<0.5	67	<1	<1	<5	2
L-64600N-43075E	<100	50	<1	<0.5	<0.5	127	<1	<1	9	12
L-64600N-43050E	<100	680	190	84.7	37.0	41	170	86	<5	13
*Rep L-64600N-43050E	<100	670	182	83.4	33.4	40	155	70	<5	14
L-64600N-43025E	<100	540	16	10.2	1.8	94	9	4	<5	11
L-64600N-43000E	<100	510	134	68.8	28.8	87	127	98	<5	14
L-65500N-41900E	<100	20	<1	<0.5	<0.5	85	<1	1	<5	6
L-65500N-41925E	<100	90	1	0.9	<0.5	50	1	1	<5	7
L-65500N-41950E	<100	240	2	1.6	<0.5	90	1	2	<5	3
L-65500N-41975E	<100	50	<1	0.7	<0.5	224	1	4	<5	6
L-65500N-42000E	<100	30	<1	0.9	<0.5	65	<1	<1	<5	9
L-65500N-42025E	<100	20	<1	0.6	<0.5	227	<1	3	<5	37
L-65500N-42050E	<100	130	14	8.2	1.6	19	7	6	<5	2
L-65500N-42075E	<100	80	<1	0.6	<0.5	99	<1	2	<5	9
L-65500N-42100E	<100	170	21	7.8	9.0	34	31	68	<5	<1
L-65500N-42125E	<100	280	<1	0.8	<0.5	144	<1	<1	<5	10
*Rep L-65500N-42125E	<100	330	<1	0.8	<0.5	148	<1	<1	<5	11
L-65500N-42150E	<100	10	<1	<0.5	<0.5	34	<1	<1	<5	15
L-65500N-42175E	<100	10	<1	<0.5	<0.5	44	<1	<1	<5	10
L-65500N-42200E	<100	90	<1	1.0	<0.5	69	<1	1	<5	3
L-65500N-42225E	<100	50	<1	<0.5	<0.5	48	<1	<1	<5	4
L-65500N-42250E	<100	30	<1	<0.5	<0.5	17	<1	<1	<5	2
L-65500N-42275E	<100	40	<1	<0.5	<0.5	42	<1	<1	<5	3
L-65500N-42300E	<100	10	<1	<0.5	<0.5	161	<1	<1	<5	18
L-52600N-44500N-A	<100	2500	24	16.4	3.4	87	15	10	<5	15
*Std MMISRM18	<100	730	5	1.7	1.7	4	8	12	<5	78
*Std MMISRM18	<100	760	5	1.7	1.7	4	8	13	<5	89
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-64900N-42775E	14	<0.5	1	33	210	<1	<1	<1	58	<1
*Rep L-64900N-42775E	16	<0.5	2	32	280	<1	<1	<1	64	<1
L-64900N-42800E	<5	<0.5	<1	26	60	<1	<1	<1	25	<1
L-64900N-42825E	25	<0.5	<1	48	<10	<1	<1	<1	98	<1
L-64900N-42850E	9	0.8	2	30	90	<1	<1	<1	135	<1
L-64900N-42875E	8	1.2	6	43	280	<1	1	<1	216	<1
L-64900N-42900E	<5	<0.5	<1	47	170	<1	<1	<1	120	<1
L-64900N-42925E	<5	<0.5	<1	23	130	<1	<1	<1	54	<1
L-64900N-42950E	42	1.4	109	74	810	<1	28	<1	323	<1
L-64900N-42975E	<5	<0.5	<1	70	20	<1	<1	<1	24	<1
L-64900N-43000E	8	<0.5	125	99	640	<1	23	<1	163	<1
L-64900N-43025E	12	1.5	1290	352	270	<1	241	<1	132	2
L-64900N-43050E	6	<0.5	8	42	240	<1	2	<1	84	<1
L-64900N-43075E	43	<0.5	52	5	300	<1	11	<1	394	<1
*Rep L-64900N-43075E	53	<0.5	76	6	280	<1	15	<1	396	<1
L-64900N-43100E	115	<0.5	36	19	30	<1	8	<1	179	<1
L-52600N-44325E	7	2.2	10	28	130	<1	2	<1	50	<1
L-52600N-44350E	<5	<0.5	3	33	100	<1	<1	<1	41	<1
L-52600N-44375E	5	0.6	61	59	60	<1	12	<1	53	<1
L-52600N-44400E	<5	0.5	29	75	100	<1	6	<1	34	<1
L-52600N-44425E	<5	0.8	27	68	100	<1	5	<1	57	<1
L-52600N-44450E	<5	0.6	7	65	40	<1	2	<1	49	<1
L-52600N-44475E	<5	<0.5	47	28	20	<1	9	<1	57	<1
L-52600N-44500E	8	<0.5	16	46	40	<1	3	<1	33	<1
L-52600N-44525E	22	<0.5	81	9	10	<1	15	<1	112	<1
L-52600N-44550E	13	2.0	4	29	20	<1	<1	<1	50	<1
L-52600N-44575E	17	1.0	216	36	180	<1	46	<1	306	<1
*Rep L-52600N-44575E	13	0.6	184	36	160	<1	39	<1	278	<1
L-52600N-44600E	41	1.5	48	47	120	<1	10	<1	9	<1
L-52600N-44625E	14	<0.5	16	11	80	<1	3	<1	18	<1
L-52600N-44650E	88	20.5	26	46	30	<1	7	<1	179	2
L-52600N-44675E	9	5.0	2	19	<10	<1	<1	<1	<5	<1
L-52600N-44700E	5	<0.5	3	101	40	<1	<1	<1	46	<1
L-64600N-43500E	60	1.7	24	18	320	<1	7	<1	280	<1
L-64600N-43475E	44	1.3	48	32	460	<1	11	<1	135	<1
L-64600N-43450E	103	2.4	55	17	590	<1	14	<1	158	<1
L-64600N-43425E	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
L-64600N-43400E	<5	0.7	25	58	270	<1	5	<1	144	<1
L-64600N-43375E	<5	<0.5	4	24	130	<1	<1	<1	81	<1
L-64600N-43350E	<5	3.0	20	55	150	<1	4	<1	90	<1
*Rep L-64600N-43350E	<5	2.6	15	61	160	<1	3	<1	89	<1
L-64600N-43325E	<5	<0.5	20	171	190	<1	3	<1	381	<1
L-64600N-43300E	<5	1.0	9	48	130	<1	2	<1	79	<1

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Element Method Det.Lim. Units	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Pt MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB
L-64600N-43275E	<5	1.0	11	29	140	<1	2	<1	127	<1
L-64600N-43250E	<5	3.4	27	86	170	<1	6	<1	116	<1
L-64600N-43225E	<5	0.7	2	18	130	<1	<1	<1	78	<1
L-64600N-43200E	<5	1.1	<1	26	90	<1	<1	<1	39	<1
L-64600N-43175E	5	5.3	35	62	280	<1	7	<1	155	1
L-64600N-43150E	<5	<0.5	5	<5	<10	<1	1	<1	13	<1
L-64600N-43125E	<5	0.7	<1	23	30	<1	<1	<1	51	<1
L-64600N-43100E	<5	<0.5	<1	26	20	<1	<1	<1	46	<1
L-64600N-43075E	<5	0.6	<1	32	<10	<1	<1	<1	102	<1
L-64600N-43050E	25	<0.5	314	45	190	<1	53	<1	138	<1
*Rep L-64600N-43050E	22	<0.5	269	41	200	<1	45	<1	114	<1
L-64600N-43025E	36	0.7	13	23	200	<1	2	<1	13	<1
L-64600N-43000E	51	0.5	278	48	190	<1	52	<1	93	<1
L-65500N-41900E	<5	2.1	<1	32	10	<1	<1	<1	139	<1
L-65500N-41925E	7	5.7	3	40	140	<1	<1	<1	69	<1
L-65500N-41950E	<5	2.1	3	23	90	<1	<1	<1	175	<1
L-65500N-41975E	<5	2.4	4	24	<10	<1	<1	<1	124	<1
L-65500N-42000E	<5	0.8	<1	29	<10	<1	<1	<1	156	<1
L-65500N-42025E	<5	1.7	3	153	40	<1	<1	<1	469	<1
L-65500N-42050E	<5	<0.5	16	40	210	<1	3	<1	312	<1
L-65500N-42075E	<5	0.5	3	57	<10	<1	<1	<1	183	<1
L-65500N-42100E	<5	2.4	105	32	180	<1	23	<1	185	<1
L-65500N-42125E	<5	0.8	<1	54	10	<1	<1	<1	98	<1
*Rep L-65500N-42125E	<5	1.0	<1	53	20	<1	<1	<1	98	<1
L-65500N-42150E	<5	0.8	<1	68	10	<1	<1	<1	132	<1
L-65500N-42175E	<5	3.4	<1	53	<10	<1	<1	<1	132	<1
L-65500N-42200E	<5	1.8	<1	29	10	<1	<1	<1	47	<1
L-65500N-42225E	<5	<0.5	<1	15	<10	<1	<1	<1	64	<1
L-65500N-42250E	<5	<0.5	<1	10	70	<1	<1	<1	9	<1
L-65500N-42275E	<5	1.0	<1	17	50	<1	<1	<1	21	<1
L-65500N-42300E	<5	2.1	<1	30	<10	<1	<1	<1	32	<1
L-52600N-44500N-A	<5	0.9	28	71	110	<1	5	<1	12	<1
*Std MMISRM18	32	<0.5	27	510	320	12	6	5	145	<1
*Std MMISRM18	32	<0.5	29	526	270	12	6	5	160	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element Method Det.Lim. Units	Sc MMI-M5 5 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Ta MMI-M5 1 PPB	Tb MMI-M5 1 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB
L-64900N-42775E	7	<1	<1	240	<1	<1	<10	5.7	66	<0.5
*Rep L-64900N-42775E	6	<1	<1	220	<1	<1	<10	5.6	68	<0.5
L-64900N-42800E	<5	<1	<1	200	<1	<1	<10	3.5	16	<0.5
L-64900N-42825E	8	<1	<1	1060	<1	<1	<10	2.5	34	<0.5
L-64900N-42850E	7	<1	<1	110	<1	<1	<10	2.9	238	<0.5
L-64900N-42875E	11	2	<1	80	<1	<1	<10	3.9	629	<0.5
L-64900N-42900E	<5	<1	<1	1050	<1	<1	<10	1.8	14	<0.5
L-64900N-42925E	<5	<1	<1	130	<1	<1	<10	1.8	19	<0.5
L-64900N-42950E	15	23	<1	670	<1	4	<10	29.0	607	0.9
L-64900N-42975E	6	<1	<1	950	<1	<1	<10	2.4	14	<0.5
L-64900N-43000E	21	37	<1	260	<1	10	<10	7.1	107	<0.5
L-64900N-43025E	205	392	<1	1290	<1	85	<10	9.6	992	<0.5
L-64900N-43050E	15	3	<1	20	<1	<1	<10	4.3	186	<0.5
L-64900N-43075E	22	11	<1	30	<1	2	<10	1.3	47	0.8
*Rep L-64900N-43075E	25	17	<1	40	<1	3	<10	2.2	94	0.7
L-64900N-43100E	<5	9	<1	2050	<1	1	<10	3.7	27	<0.5
L-52600N-44325E	18	3	<1	20	<1	1	<10	9.0	433	<0.5
L-52600N-44350E	15	<1	<1	190	<1	<1	<10	1.1	243	<0.5
L-52600N-44375E	26	15	<1	430	<1	3	<10	2.4	130	<0.5
L-52600N-44400E	27	8	<1	200	<1	2	<10	1.6	287	<0.5
L-52600N-44425E	32	8	<1	190	<1	2	<10	1.9	363	<0.5
L-52600N-44450E	22	2	<1	210	<1	<1	<10	1.4	275	<0.5
L-52600N-44475E	13	13	<1	820	<1	2	<10	1.3	21	<0.5
L-52600N-44500E	14	5	<1	1490	<1	<1	<10	0.8	6	<0.5
L-52600N-44525E	15	19	<1	1230	<1	3	<10	0.8	3	<0.5
L-52600N-44550E	14	1	<1	130	<1	<1	<10	7.1	695	<0.5
L-52600N-44575E	76	65	<1	610	<1	15	<10	48.7	185	0.5
*Rep L-52600N-44575E	73	57	<1	680	<1	14	<10	45.9	123	<0.5
L-52600N-44600E	34	16	<1	870	<1	4	<10	8.1	377	<0.5
L-52600N-44625E	<5	5	<1	370	<1	1	<10	2.9	77	<0.5
L-52600N-44650E	22	7	3	140	2	2	<10	23.1	5830	0.6
L-52600N-44675E	13	<1	<1	150	<1	<1	<10	7.3	782	<0.5
L-52600N-44700E	31	<1	<1	290	<1	<1	<10	10.8	103	<0.5
L-64600N-43500E	17	5	<1	90	<1	<1	<10	19.5	795	0.9
L-64600N-43475E	16	12	<1	90	<1	2	<10	12.0	645	<0.5
L-64600N-43450E	25	12	<1	160	<1	2	<10	21.9	1330	<0.5
L-64600N-43425E	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
L-64600N-43400E	59	8	<1	40	<1	3	<10	2.2	509	<0.5
L-64600N-43375E	17	1	<1	<10	<1	<1	<10	1.0	38	<0.5
L-64600N-43350E	24	5	<1	40	<1	1	<10	5.7	1900	<0.5
*Rep L-64600N-43350E	23	4	<1	60	<1	1	<10	5.4	1670	<0.5
L-64600N-43325E	46	9	<1	80	<1	4	<10	0.8	230	<0.5
L-64600N-43300E	22	3	<1	30	<1	1	<10	2.7	364	<0.5

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L-64600N-43275E	25	3	<1	40	<1	1	<10	2.8	471	<0.5
L-64600N-43250E	48	8	<1	20	<1	2	<10	7.2	1450	<0.5
L-64600N-43225E	18	<1	<1	40	<1	<1	<10	2.5	249	<0.5
L-64600N-43200E	9	<1	<1	90	<1	<1	<10	2.3	425	<0.5
L-64600N-43175E	56	11	<1	10	<1	2	<10	13.7	2810	<0.5
L-64600N-43150E	<5	2	<1	<10	<1	<1	<10	<0.5	72	<0.5
L-64600N-43125E	13	<1	<1	130	<1	<1	<10	2.0	178	<0.5
L-64600N-43100E	10	<1	<1	130	<1	<1	<10	1.0	10	<0.5
L-64600N-43075E	10	<1	<1	310	<1	<1	<10	1.3	157	<0.5
L-64600N-43050E	34	104	<1	930	<1	31	<10	4.1	152	<0.5
*Rep L-64600N-43050E	36	91	<1	950	<1	29	<10	4.3	132	<0.5
L-64600N-43025E	28	5	<1	310	<1	2	<10	8.0	247	<0.5
L-64600N-43000E	66	87	<1	1190	<1	22	<10	18.7	197	<0.5
L-65500N-41900E	18	<1	<1	90	<1	<1	<10	2.7	355	<0.5
L-65500N-41925E	16	<1	1	210	<1	<1	<10	3.1	1560	<0.5
L-65500N-41950E	13	<1	<1	50	<1	<1	<10	3.7	607	<0.5
L-65500N-41975E	11	<1	<1	220	<1	<1	<10	2.7	646	<0.5
L-65500N-42000E	16	<1	<1	340	<1	<1	<10	1.7	220	<0.5
L-65500N-42025E	31	<1	<1	950	<1	<1	<10	2.0	721	2.1
L-65500N-42050E	26	5	<1	30	<1	2	<10	0.8	25	<0.5
L-65500N-42075E	22	<1	<1	570	<1	<1	<10	0.5	324	0.6
L-65500N-42100E	59	27	<1	20	<1	4	<10	7.5	815	0.6
L-65500N-42125E	18	<1	<1	230	<1	<1	<10	0.7	309	<0.5
*Rep L-65500N-42125E	17	<1	<1	250	<1	<1	<10	0.6	345	<0.5
L-65500N-42150E	<5	<1	<1	610	<1	<1	<10	0.5	160	<0.5
L-65500N-42175E	6	<1	<1	450	<1	<1	<10	1.2	392	0.7
L-65500N-42200E	14	<1	<1	210	<1	<1	<10	2.3	703	<0.5
L-65500N-42225E	<5	<1	<1	240	<1	<1	<10	1.7	27	<0.5
L-65500N-42250E	<5	<1	<1	130	<1	<1	<10	1.1	53	<0.5
L-65500N-42275E	<5	<1	<1	180	<1	<1	<10	1.8	98	<0.5
L-65500N-42300E	12	<1	<1	370	<1	<1	<10	1.7	273	0.6
L-52600N-44500N-A	38	9	<1	360	<1	3	<10	2.5	474	<0.5
*Std MMISRM18	<5	7	<1	1110	<1	1	<10	26.1	<3	<0.5
*Std MMISRM18	<5	7	<1	1200	<1	1	<10	25.2	<3	<0.5
*BIK BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*BIK BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO103849 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-64900N-42775E	7	<1	9	2	570	5
*Rep L-64900N-42775E	7	<1	12	2	610	<5
L-64900N-42800E	4	<1	<5	1	120	<5
L-64900N-42825E	2	<1	<5	<1	520	<5
L-64900N-42850E	3	<1	8	1	200	7
L-64900N-42875E	4	<1	19	2	320	15
L-64900N-42900E	2	<1	13	2	290	<5
L-64900N-42925E	2	<1	<5	<1	220	<5
L-64900N-42950E	18	<1	84	6	160	38
L-64900N-42975E	3	<1	<5	2	260	<5
L-64900N-43000E	8	<1	332	23	530	8
L-64900N-43025E	16	2	2570	123	470	25
L-64900N-43050E	8	<1	29	3	180	12
L-64900N-43075E	5	<1	83	6	90	<5
*Rep L-64900N-43075E	6	<1	94	6	70	5
L-64900N-43100E	21	1	27	2	340	<5
L-52600N-44325E	23	<1	38	6	220	10
L-52600N-44350E	<1	<1	25	3	800	<5
L-52600N-44375E	3	<1	73	5	370	15
L-52600N-44400E	2	<1	60	4	950	9
L-52600N-44425E	2	<1	57	4	1050	10
L-52600N-44450E	1	<1	16	2	710	8
L-52600N-44475E	2	<1	58	4	240	8
L-52600N-44500E	40	<1	40	2	60	<5
L-52600N-44525E	13	<1	73	4	30	<5
L-52600N-44550E	4	1	12	4	150	9
L-52600N-44575E	41	1	529	46	270	13
*Rep L-52600N-44575E	48	<1	480	44	290	11
L-52600N-44600E	42	1	182	16	8680	11
L-52600N-44625E	3	<1	42	5	610	<5
L-52600N-44650E	24	3	44	6	530	30
L-52600N-44675E	6	<1	7	2	140	9
L-52600N-44700E	11	<1	26	12	660	<5
L-64600N-43500E	6	4	21	2	520	24
L-64600N-43475E	6	4	52	4	590	12
L-64600N-43450E	8	9	64	5	810	25
L-64600N-43425E	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
L-64600N-43400E	4	<1	98	8	320	18
L-64600N-43375E	<1	<1	26	3	50	<5
L-64600N-43350E	4	<1	36	3	340	36
*Rep L-64600N-43350E	4	<1	35	3	450	35
L-64600N-43325E	3	<1	152	14	450	12
L-64600N-43300E	2	<1	43	4	470	14

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Final : TO103849 Order:

Element Method Det.Lim. Units	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
L-64600N-43275E	2	<1	45	4	280	19
L-64600N-43250E	4	<1	51	4	240	57
L-64600N-43225E	2	<1	20	2	270	15
L-64600N-43200E	1	<1	5	<1	220	14
L-64600N-43175E	6	1	45	4	320	104
L-64600N-43150E	<1	<1	5	<1	<20	6
L-64600N-43125E	<1	<1	<5	<1	450	12
L-64600N-43100E	<1	<1	<5	<1	190	<5
L-64600N-43075E	1	<1	<5	<1	160	5
L-64600N-43050E	34	<1	1180	50	1730	<5
*Rep L-64600N-43050E	35	<1	1130	51	1680	<5
L-64600N-43025E	5	<1	80	8	1450	8
L-64600N-43000E	134	<1	734	48	1670	7
L-65500N-41900E	3	1	<5	<1	60	9
L-65500N-41925E	1	1	7	<1	620	18
L-65500N-41950E	3	<1	8	2	230	25
L-65500N-41975E	1	<1	<5	<1	130	13
L-65500N-42000E	2	<1	<5	2	230	9
L-65500N-42025E	5	100	5	<1	960	10
L-65500N-42050E	3	<1	75	6	160	7
L-65500N-42075E	1	13	<5	1	250	<5
L-65500N-42100E	7	5	82	5	50	89
L-65500N-42125E	1	7	<5	1	280	7
*Rep L-65500N-42125E	1	7	<5	1	300	6
L-65500N-42150E	<1	8	<5	<1	190	<5
L-65500N-42175E	<1	5	<5	<1	180	12
L-65500N-42200E	3	2	<5	1	140	10
L-65500N-42225E	2	<1	<5	<1	120	<5
L-65500N-42250E	<1	<1	<5	<1	160	<5
L-65500N-42275E	2	<1	<5	<1	390	<5
L-65500N-42300E	2	1	<5	<1	300	8
L-52600N-44500N-A	2	<1	145	13	2820	11
*Std MMISRM18	29	<1	27	1	700	33
*Std MMISRM18	28	<1	26	1	780	33
*BIK BLANK	<1	<1	<5	<1	<20	<5
*BIK BLANK	<1	<1	<5	<1	<20	<5

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